Baseline Water Quality Data

Inventory and Analysis

Chickamauga and Chattanooga National Military Park



Water Resources Division and Servicewide Inventory and Monitoring Program

National Park Service - Department of the Interior
Fort Collins - Denver - Washington

The National Park Service Water Resources Division is responsible for providing water resources management policy and guidelines, planning, technical assistance, training, and operational support to units of the National Park System. Program areas include water rights, water resources planning, regulatory guidance and review, hydrology, water quality, watershed management, watershed studies, and aquatic ecology.

Technical Reports

The National Park Service disseminates the results of biological, physical, and social research through the Natural Resources Technical Report Series. Natural resources inventories and monitoring activities, scientific literature reviews, bibliographies, and proceedings of technical workshops and conferences are also disseminated through this series.

Mention of trade names or commercial products does not constitute endorsement or recommendation for use by the National Park Service.

Copies of this report are available from the following:

Technical Information Center Denver Service Center P.O. Box 25287 Denver, CO 80225-0287	(303) 969-2130
U. S. Department of Commerce National Technical Information Service 5285 Port Royal Road Springfield, VA 22161	(703) 487-4650

BASELINE WATER QUALITY DATA

INVENTORY AND ANALYSIS

CHICKAMAUGA AND CHATTANOOGA NATIONAL MILITARY PARK

National Park Service
Water Resources Division
Fort Collins, CO 80525

Technical Report NPS/NRWRD/NRTR-99/254

OCTOBER 2001

United States Department of the Interior
National Park Service
Washington, D.C.

EXECUTIVE SUMMARY

This document presents the results of surface-water-quality data retrievals for Chickamauga and Chattanooga National Military Park (CHCH) from six of the United States Environmental Protection Agency's (EPA) national databases: (1) Storage and Retrieval (STORET) water quality database management system; (2) River Reach File (RF3); (3) Industrial Facilities Discharge (IFD); (4) Drinking Water Supplies (DRINKS); (5) Water Gages (GAGES); and (6) Water Impoundments (DAMS). This document is one product resulting from a cooperative contractual endeavor between the National Park Service's (NPS) Servicewide Inventory and Monitoring Program, the National Park Service's Water Resources Division (WRD), and Horizon Systems Corporation to retrieve, format, and analyze surface water quality data for all units of the National Park System containing significant water resources. The primary goal of the project is to provide descriptive water quality information in a manner and format that is both consistent with the goals of the Servicewide Inventory and Monitoring Program and useable by park resource managers. The document provides: (1) a complete inventory of all retrieved water quality parameter data, water quality stations, and the entities responsible for the data collection; (2) descriptive statistics and appropriate graphical plots of water quality data characterizing period of record, annual, and seasonal central tendencies and trends; (3) a comparison of the park's water quality data to relevant EPA and WRD water quality screening criteria; and (4) an Inventory Data Evaluation and Analysis (IDEA) to determine what Servicewide Inventory and Monitoring Program "Level I" water quality parameters have been measured within the study area. Accompanying the report are disks containing digital copies of all data used in the report, as well as all components of the report (tables, figures, etc.).

The results of the retrievals for the study area from the IFD, DRINKS, GAGES, and DAMS databases located 60 industrial/municipal dischargers; five drinking water intakes; 27 active or inactive U. S. Geological Survey (USGS), U. S. National Weather Service, and Tennessee Valley Authority (TVA) water gages (including stream, lake, well, and climate); and ten water impoundments. The results of the STORET retrieval for the study area yielded 173,132 observations for 1,000 separate parameters collected by the NPS, USGS, EPA, TVA, Georgia Department of Natural Resources, and Tennessee Department of Environment and Conservation at 463 monitoring stations from 1957 through 1998. Approximately 47 percent of the 173,132 observations within the study area were collected by the TVA from 1960 through 1997. Of the 463 monitoring stations, nine stations were located within the park boundaries (see Station Period of Record Tabulation). Five stations within the study area (none within the park boundaries) were established but contained no data. Fifty-one of the 463 monitoring stations contained data locked by the EPA and TVA[†]. These locked data are not included in the 173,132 total observations retrieved from STORET for the CHCH study area. One EPA station within the study area was established but did not contain data appropriate for statistical analysis.

Most of the monitoring stations represent either one-time or intensive single-year sampling efforts by the collecting agencies. Fifty-nine stations within the study area, but outside the park boundaries, yielded longer-term records consisting of multiple observations for several important water quality parameters (see Station Period of Record Tabulation). The stations yielding the longest-term records within the study area are: (1) West Chickamauga Creek at the Georgia Highway 146 Bridge (CHCH 0055); (2) Tennessee River (Nickajack Lake) at River Mile 444 (CHCH 0299); (3) Chickamauga Reservoir at a lighted buoy (CHCH 0433); (4) South Chickamauga Creek (CHCH 0354); (5) West Chickamauga Creek at Cold Springs Road near Lakeview, GA (CHCH 0054); and (6) South Chickamauga Creek at Graysville, GA (CHCH 0065)[††].

Screening criteria consisting of published EPA water-quality criteria and instantaneous concentration values selected by the WRD were used to identify potential water quality problems within the study area. While the

[†]When data are entered into STORET and locked by the controlling agency (EPA and TVA), results of a STORET retrieval are limited to general station information and any "unlocked" portions of the data. Additional data must be obtained by contacting the controlling agency (EPA and TVA).

[††]Water quality station location descriptions are verbatim from STORET. Any misspellings and abbreviations in STORET are replicated in this document.

criteria represent important threshold concentrations of pollutants, it is important to remember that criteria may have been exceeded due to any number of natural or anthropogenic factors, including errors in field, laboratory, and/or recording procedures. The reader is advised to read the Introduction for additional caveats in interpreting the exceeded criteria in this report. The results of the CHCH water quality criteria screen found 32 groups of parameters that exceeded screening criteria at least once within the study area. Dissolved oxygen, pH, chloride, chlorine, cyanide, cadmium, copper, lead, mercury, nickel, silver, and zinc exceeded their respective EPA criteria for the protection of freshwater aquatic life. Chloride, cyanide, sulfate, nitrate, nitrite, nitrite plus nitrate, antimony, arsenic, beryllium, cadmium, chromium, copper, lead, mercury, nickel, zinc, bis (2-ethylhexyl) phthalate, carbon chloroform, chlorobenzene, 1,4-dichlorobenzene, methylene chloride, tetrachloroethylene, 1,1,1-trichloroethane, trichloroethylene, and vinyl chloride exceeded their respective EPA drinking water criteria. Fecal-indicator bacteria concentrations (total coliform and fecal coliform) and turbidity exceeded the WRD screening limits for freshwater bathing and aquatic life, respectively.

Dissolved oxygen concentrations were measured 10,497 times at 222 monitoring stations from 1958 through 1998. Of the 10,445 observations used in the criteria analysis (see EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), 763 observations at 83 stations were less than or equal to the 4 milligrams per liter (mg/L) EPA criterion for the protection of freshwater aquatic life from 1959 through 1997. Approximately 50 percent of these 763 concentrations were reported during depth sampling at six stations in Chickamauga Lake near Chickamauga Dam (CHCH 0398, CHCH 0414, CHCH 0420, CHCH 0427, CHCH 0433, CHCH 0443) from 1960 through 1995.

The pH was measured 9,278 times at 317 monitoring stations from 1958 through 1998. Three-hundred-seventy-nine observations at 99 stations were outside the pH range of 6.5 to 9.0 standard units (SU) (EPA chronic criteria for freshwater aquatic life) from 1964 through 1996. Two-hundred-ninety observations were less than or equal to pH 6.5 and 89 observations were greater than or equal to pH 9.0. The highest pH of 12.8 SU was reported near Chattanooga Creek at the Swift Company storm sewer (CHCH 0123) in February 1973. The lowest pH of 1.0 SU was reported near Chattanooga Creek near the Woodward Corporation outfall (CHCH 0108) in March 1973.

Turbidity was measured 3,717 times at 143 monitoring stations from 1958 through 1998. Two-hundred-twenty-one observations at 68 stations throughout the study area equaled or exceeded the WRD screening criterion of 50 Jackson Candle/Formazin/Nephelometric Turbidity Units (JTU/FTU/NTU) from 1958 through 1997. The highest observation of 6,340 JTU was reported in Dobbs Branch at the Central of Georgia Railroad Bridge (CHCH 0192) in March 1973.

Total coliform concentrations were measured 1,933 times at 151 monitoring stations from 1958 through 1982. Of the 1,927 observations used in the criteria analysis (see EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), 1,089 observations at 142 stations throughout the study area equaled or exceeded the WRD bathing water screening criterion of 1,000 Colony Forming Units/Most Probable Number per 100 milliliters (CFU/MPN/100 ml) from 1958 through 1982. The highest concentration of 92,000,000 MPN/100 ml was reported in stormwater runoff at Chestnut and 2nd Streets in Chattanooga, TN (CHCH 0267) in January 1973. Fecal coliform concentrations were measured 3,631 times at 186 monitoring stations from 1965 through 1998. Of the 3,613 observations used in the criteria analysis (see Remark Code Screen in the Methodology and EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), 1,688 observations at 155 stations throughout the study area equaled or exceeded the WRD bathing water screening criterion of 200 CFU/MPN/100 ml from 1965 through 1998. The highest concentration of 35,000,000 MPN/100 ml was reported in stormwater runoff at Broad and 2nd Streets in Chattanooga, TN (CHCH 0266) in November 1972.

Total chloride concentrations were measured 1,786 times at 103 monitoring stations from 1958 through 1997. Eight concentrations, ranging from 259 mg/L to 1,122 mg/L at two stations, McFarlands Branch (CHCH 0075) and a tributary to Citico Creek (CHCH 0251), exceeded the drinking water criterion of 250 mg/L from 1964 through 1973. Two of these eight concentrations, reported at McFarlands Branch (CHCH 0075), also exceeded the acute freshwater criterion of 860 mg/L, including the highest concentration of 1,122 mg/L in June 1965.

Chlorine concentrations (including free available, total residual, and whole water) were measured ten times at two monitoring stations in the Tennessee River, in Nickajack Lake (CHCH 0329) and Chickamauga Lake (CHCH 0443), from 1973 through 1992. All six of the observations used in the criteria analysis (see EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), reported at the two stations, were greater than the acute freshwater criterion of 0.019 mg/L during 1973 and 1992. Five of these six concentrations, ranging from .1 mg/L to .2 mg/L, were reported in Chickamauga Lake (CHCH 0443) during May 1992. The highest concentration of 46 mg/L was reported in Nickajack Lake (CHCH 0329) in March 1973.

Cyanide concentrations (including free and total) were measured 375 times at 45 monitoring stations from 1967 through 1993. Thirty-two concentrations at six monitoring stations, in or near Chattanooga Creek (CHCH 0105, CHCH 0108, CHCH 0113, CHCH 0169), a tributary to Citico Creek (CHCH 0252), and South Chickamauga Creek (CHCH 0371), exceeded the acute freshwater criterion of 0.022 mg/L from 1967 through 1973. Ten of these 32 concentrations also exceeded the drinking water criterion of 0.2 mg/L during 1969 and 1973. Fifty percent of the observations exceeding the criteria were reported in Chattanooga Creek near a railroad bridge at Cravens Yards (CHCH 0169) during 1969 and 1973. The highest concentration of 9.7 mg/L was reported near Chattanooga Creek near the Woodward Corporation outfall (CHCH 0108) in March 1973.

Sulfate concentrations (including total as SO_4 and whole water as S) were measured 1,497 times at 92 monitoring stations from 1958 through 1997. Four total as SO_4 concentrations, ranging from 300 mg/L to 850 mg/L at four stations, in Dobbs Branch (CHCH 0182, CHCH 0183), a tributary to Rock Creek at the State Route 170 Bridge (CHCH 0007), and the Tennessee River (Nickajack Lake) at Massengale Point Light (CHCH 0329), exceeded the drinking water criterion of 250 mg/L from 1967 through 1977. The highest concentration of 850 mg/L was reported in Dobbs Branch at the Burnett Street Bridge (CHCH 0182) in October 1967.

Nitrate concentrations (including dissolved and total as N and dissolved as NO_3) were measured 596 times at 82 monitoring stations from 1958 through 1992. Twenty-four total as N concentrations at three stations in Friar Branch (CHCH 0232, CHCH 0233, CHCH 0264) exceeded the drinking water criterion of 10 mg/L for nitrate as N from 1967 through 1972. The highest concentration of 190 mg/L was reported at the Airport Road Bridge (CHCH 0233) in October 1967.

Nitrite concentrations (including dissolved and total as N and dissolved as NO_2) were measured 538 times at 74 monitoring stations from 1960 through 1997. Eighteen total as N concentrations at three stations in Friar Branch (CHCH 0232, CHCH 0233, CHCH 0264) equaled or exceeded the drinking water criterion of 1 mg/L for nitrite as N from 1967 through 1972. The highest concentration of 13 mg/L was reported at the Airport Road Bridge (CHCH 0233) in September 1967.

Nitrite plus nitrate concentrations (including dissolved and total) were measured 3,098 times at 202 monitoring stations from 1964 through 1998. Seventy-two total concentrations at 24 stations exceeded the drinking water criterion of 10 mg/L from 1968 through 1973. Fifty-three of these 72 concentrations were reported at 17 stations in Friar Branch and drainage ditches within the Volunteer Army Ammunition Plant Military Reservation during 1968 and 1972, including the highest concentration of 1,625 mg/L at FCA Drain Ditch East near East Acid Road (CHCH 0384) in October 1968.

Antimony concentrations (including dissolved and total) were measured 119 times at 21 monitoring stations from 1973 through 1998. Of the 106 observations used in the criteria analysis (see EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), two total concentrations at two stations in the Tennessee River (Nickajack Lake), 63 micrograms per liter (µg/L) at Massengale Point Light (CHCH 0329) and 30 µg/L at the Chattanooga Water Works intake (CHCH 0287), exceeded the drinking water criterion of 6 µg/L in January and June 1974, respectively.

Arsenic concentrations (including dissolved and total) were measured 1,048 times at 73 monitoring stations from 1962 through 1998. Five total concentrations, ranging from 60 µg/L to 131 µg/L at five stations, in Chattanooga Creek (CHCH 0062, CHCH 0102, CHCH 0177) and the Tennessee River (Nickajack Lake) (CHCH 0299, CHCH

0329), exceeded the drinking water criterion of 50 µg/L from 1973 through 1995. The highest concentration of 131 µg/L was reported in the Tennessee River (Nickajack Lake) at River Mile 444 (CHCH 0299) in March 1995.

Beryllium concentrations (including dissolved and total) were measured 375 times at 37 monitoring stations from 1962 through 1998. Four total concentrations, ranging from 10 µg/L to 20 µg/L at two stations, a tributary to Citico Creek (CHCH 0251) and the Tennessee River (Nickajack Lake) (CHCH 0445), exceeded the drinking water criterion of 4 µg/L during October and November 1973. The highest concentration of 20 µg/L was reported in a tributary to Citico Creek (CHCH 0251) in November 1973.

Cadmium concentrations (including dissolved and total) were measured 1,569 times at 74 monitoring stations from 1962 through 1998. Of the 1,536 observations used in the criteria analysis (see EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), 56 observations at 16 monitoring stations exceeded the acute freshwater criterion of 3.9 µg/L from 1970 through 1995. Thirty-nine of these 56 concentrations also equaled or exceeded the drinking water criterion of 5 µg/L from 1970 through 1994. The highest concentration of 33 µg/L was reported in the Tennessee River (Nickajack Lake) at the Chattanooga Water Works intake (CHCH 0287) in June 1983.

Chromium concentrations (including dissolved, hexavalent, tri-valent, and total) were measured 1,688 times at 147 monitoring stations from 1962 through 1998. Fifty-four total concentrations at 22 stations equaled or exceeded the drinking water criterion of 100 µg/L from 1969 through 1984. The highest concentration of 1,620 µg/L was reported in stormwater runoff at Chestnut and 2nd Streets in Chattanooga, TN (CHCH 0267) in November 1972.

Copper concentrations (including dissolved and total) were measured 1,757 times at 139 monitoring stations from 1962 through 1998. Of the 1,755 observations used in the criteria analysis (see Remark Code Screen in the Methodology for explanation), 412 observations at 48 stations equaled or exceeded the acute freshwater criterion of 18 µg/L from 1965 through 1996. Approximately 65 percent of these 412 concentrations were reported at 13 stations in the Tennessee River. The highest concentration of 2,300 µg/L, reported in the Tennessee River near Chickamauga Dam (CHCH 0416), also exceeded the drinking water criterion of 1,300 µg/L in December 1974.

Lead concentrations (including dissolved and total) were measured 1,739 times at 136 monitoring stations from 1962 through 1998. Of the 1,726 observations used in the criteria analysis (see EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), 186 observations at 52 stations throughout the study area equaled or exceeded the drinking water criterion of 15 µg/L from 1964 through 1996. Eighty-eight of these 186 observations also equaled or exceeded the acute freshwater criterion of 82 µg/L from 1972 through 1980, including the highest concentration of 57,500 µg/L near Chattanooga Creek at the Crane Company discharge (CHCH 0168) in February 1973.

Mercury concentrations (including dissolved and total) were measured 1,135 times at 71 monitoring stations from 1970 through 1998. Twelve total concentrations, ranging from 2.1 µg/L to 22 µg/L at eight stations, in the Tennessee River (CHCH 0287, CHCH 0299, CHCH 0313, CHCH 0413, CHCH 0416, CHCH 0445), Chattanooga Creek at the Southern Railroad Bridge (CHCH 0177), and South Chickamauga Creek (CHCH 0354), exceeded the drinking water criterion of 2 µg/L from 1970 through 1989. Ten of these 12 concentrations also exceeded the acute freshwater criterion of 2.4 µg/L. The highest concentration of 22 µg/L was reported in the Tennessee River (Nickajack Lake) at the Chattanooga Water Works intake (CHCH 0287) in November 1982.

Nickel concentrations (including dissolved and total) were measured 1,030 times at 84 monitoring stations from 1962 through 1998. Thirty concentrations at 13 monitoring stations exceeded the drinking water criterion of 100 µg/L during 1973 and 1976. Eight of these 30 observations also exceeded the acute freshwater criterion of 1,400 µg/L during February and March 1973, including the highest concentration of 9,800 µg/L near Chattanooga Creek at the Modern Maid Pickle effluent (CHCH 0217) in February 1973.

Silver concentrations (including dissolved and total) were measured 507 times at 40 monitoring stations from 1962 through 1998. Two total concentrations of 10 µg/L at two stations, a tributary to Citico Creek (CHCH 0251) and

Stringers Branch northwest of Valdeau (CHCH 0347), exceeded the acute freshwater criterion of 4.1 µg/L in January 1973.

Zinc concentrations (including dissolved and total) were measured 1,711 times at 143 monitoring stations from 1962 through 1998. Two-hundred-twenty-six concentrations at 57 stations equaled or exceeded the acute freshwater criterion of 120 µg/L from 1969 through 1993. Nineteen of these 226 concentrations also exceeded the drinking water criterion of 5,000 µg/L during 1972 and 1973. The highest concentration of 71,500 µg/L was reported near South Chickamauga Creek at an Alco Chemical Company holding pond (CHCH 0365) in June 1972.

Whole water bis (2-ethylhexyl) phthalate concentrations were measured 34 times at 22 monitoring stations from 1976 through 1993. Seven concentrations, ranging from 7 µg/L to 200 µg/L at six stations, a channel at Northgate Shipping Center in Hixson, TN (CHCH 0459), Chattanooga Creek at a gaging station near Flintstone, GA (CHCH 0061), a tributary to Chattanooga Creek at the Hooker/Hamill Road Bridge (CHCH 0111), a tributary to Spring Creek at the Lerch Street Bridge in Chattanooga, TN (CHCH 0159), Dobbs Branch (CHCH 0188), and a tributary to Friar Branch near Tyner, TN (CHCH 0245), exceeded the drinking water criterion of 6 µg/L from 1980 through 1993. The highest concentration of 200 µg/L was reported in a tributary to Chattanooga Creek at the Hooker/Hamill Road Bridge (CHCH 0111) in September 1980.

Carbon chloroform concentrations were measured 292 times in the Tennessee River (Nickajack Lake) at Chattanooga, TN (CHCH 0273) from 1958 through 1968. One-hundred-nine concentrations equaled or exceeded the drinking water criterion of 100 µg/L from 1958 through 1968. The highest concentration of 860 µg/L was reported in July 1967.

Total chlorobenzene concentrations were measured 45 times at 22 monitoring stations from 1980 through 1998. Two concentrations at two stations at Piney Woods waste site in Chattanooga, TN, 947 µg/L (CHCH 0242) and 885 µg/L (CHCH 0241), exceeded the drinking water criterion of 100 µg/L in June 1980.

Total 1,4-dichlorobenzene concentrations were measured 36 times at 22 monitoring stations from 1980 through 1998. Two concentrations at two stations at Piney Woods waste site in Chattanooga, TN, 301 µg/L (CHCH 0241) and 230 µg/L (CHCH 0242), exceeded the drinking water criterion of 75 µg/L in June 1980.

Total methylene chloride concentrations were measured 45 times at 22 monitoring stations from 1980 through 1998. Of the 43 observations used in the criteria analysis (see EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), 13 observations at 12 stations exceeded the drinking water criterion of 5 µg/L during September 1980. The highest concentration of 83 µg/L was reported in Chattanooga Creek at the East 38th Street Bridge (CHCH 0137).

Total tetrachloroethylene concentrations were measured 46 times at 23 monitoring stations from 1976 through 1998. Three concentrations, ranging from 13 µg/L to 106 µg/L at three stations, in Chattanooga Creek near a railroad bridge at Cravens Yards (CHCH 0169, CHCH 0171) and a tributary to Chattanooga Creek (CHCH 0122), exceeded the drinking water criterion of 5 µg/L in 1976 and 1980. The highest concentration of 106 µg/L was reported in a tributary to Chattanooga Creek (CHCH 0122) in September 1980.

Total 1,1,1-trichloroethane concentrations were also measured 46 times at 23 monitoring stations from 1976 through 1998. One concentration of 958 µg/L in a tributary to Chattanooga Creek (CHCH 0122) exceeded the drinking water criterion of 200 µg/L in September 1980.

Whole water trichloroethylene concentrations were also measured 46 times at 23 monitoring stations from 1976 through 1998. One concentration of 13 µg/L in Chattanooga Creek near a railroad bridge at Cravens Yards (CHCH 0169) exceeded the drinking water criterion of 5 µg/L in September 1980.

Whole water vinyl chloride concentrations were measured 45 times at 22 monitoring stations from 1980 through 1998. Of the 22 observations used in the criteria analysis (see EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), two concentrations, 3.3 µg/L and 2.6 µg/L in a

tributary to the Tennessee River (Nickajack Lake) at Chattanooga, TN (CHCH 0276), exceeded the drinking water criterion of 2 µg/L in June 1992 and April 1993, respectively.

The IDEA conducted for CHCH indicates that STORET data exist for all 13 Level I parameter groups in the study area. For four groups (Alkalinity, Flow, Sulfates/Total Dissolved Solids/Hardness, and Bacteria), less than 25 percent of the observations were recorded since 1985. Overall, approximately 37 percent of the observations for Level I parameters were recorded since 1985. Data for eight groups (Alkalinity, Conductivity, Flow, Phosphate/Phosphorus, Chlorophyll, Sulfates/Total Dissolved Solids/Hardness, Bacteria, and Toxic Elements), were recorded at less than half of the 407 monitoring stations with data. Relative to other parameter groups, data were limited for the group Chlorophyll. Results for 122 of the 126 EPA priority toxic pollutants (consisting of inorganic and organic parameters, metals, pesticides, and PCB's) were retrieved from STORET.

Surface water resources in the CHCH study area include the Tennessee River; Chickamauga, Nickajack, Raccoon Mountain Pumped Storage, and other reservoirs; Chattanooga, Chickamauga, Lookout, Peavine, and numerous other creeks and branches; some lakes and ponds; and Ellis, Tannery, Yates, and many other springs. The data inventories and analyses contained in this report indicate that surface waters within the study area appear to have been heavily impacted by human activities. Potential anthropogenic sources of contaminants include municipal and industrial wastewater discharges; stormwater runoff; mining and quarrying operations; military activities; recreational use; and atmospheric deposition.

TABLE OF CONTENTS

EXECUTIVE SUMMARY v

TABLE OF CONTENTS xi

I. INTRODUCTION 1
- Goal 1
- Purpose 1
- Objectives 1
- Document Overview 2
- Caveats 2
- Key Personnel 3

II. METHODOLOGY 5
- Delineation of Park Study Area 5
- Data Sources 5
- Data Retrieval and Analysis Procedures 7
- Park Unit Databases 8
- Screening Methodologies and Procedures 9
  - STORET Edit Criteria 9
  - Date Screen 10
  - Station Type Screen 10
  - Phase 0 Parameter Screen 11
  - Phase 1 Parameter Screen 11
  - Media Type Screen 11
  - Remark Code Screen 11
  - Composite Type Screen 13
  - Phase 2 Parameter Screen 14
  - Observations/Period of Record Screen 15
- Statistical Definitions 17

III. INTERPRETIVE GUIDE TO WATER QUALITY RESULTS 19
- Overview 19
- Regional Location Map 19
- Water Quality Monitoring Locations Map(s) 19
- Dischargers, Drinking Intakes, Gages, and Impoundments Map(s) 20
- Industrial Facilities Discharges, Drinking Water Intakes, Water Gages, and Water Impoundments Table 20
- Representative Mean Annual Hydrograph for Seasonal Analysis 20
- Contacts for Agency Codes Retrieved 21
- Quantity of Data Retrieved by Agency Code 21
- Station Period of Record Tabulation 21
- Parameter Period of Record Tabulation 22
- Station/Parameter Period of Record Tabulation 22
- Station-By-Station Results 22
  - Station Inventory for Station 23
  - Parameter Inventory for Station 23
  - EPA Water Quality Criteria Analysis for Station 23
  - Time Series Plots for Station 24
  - Annual Analysis for Station 25
  - Annual Box-and-Whiskers Plots for Station 25

Seasonal Analysis for Station 25
Seasonal Box-and-Whiskers Plots for Station 26
EPA Water Quality Criteria Analysis for Entire Park Study Area 26
NPS Servicewide Inventory and Monitoring Program
"Level I" Water Quality Inventory Data Evaluation and Analysis (IDEA) 26
Water Quality Observations Outside STORET Edit Criteria for Park 28

V. WATER QUALITY RESULTS 29
Overview 31
Regional Location Map 32
Water Quality Monitoring Locations Map(s) 33
Dischargers, Drinking Intakes, Gages, and Impoundments Map(s) 45
Industrial Facilities Discharges, Drinking Water Intakes, Water Gages,
and Water Impoundments Table 50
Representative Mean Annual Hydrograph for Seasonal Analysis 53
Contacts for Agency Codes Retrieved 54
Quantity of Data Retrieved by Agency Code 55
Station Period of Record Tabulation 56
Parameter Period of Record Tabulation 63
Station/Parameter Period of Record Tabulation 78
Station-By-Station Results 277
CHCH0001 GAWA530R 279
CHCH0002 Bridge Near Owings Cemetery 281
CHCH0003 GACS517R 282
CHCH0004 Glass Mill Road Bridge 284
CHCH0005 0.75 Mile SSW of Copeland Crossing 286
CHCH0006 Rock Cr at SR 170 Nr Durham,GA 288
CHCH0007 Rock Cr Trib(Mine Seep) at SR170 Nr Durham, GA. 291
CHCH0008 Rock Creek Below St Rt 170 Nr Durham, GA. 294
CHCH0009 1 Mile SE of Chickamauga 296
CHCH0010 Chattanooga Creek at High Point, GA. 298
CHCH0011 Rt. 170 Bridge - Trib. to Rock Cr. 9.52 300
CHCH0012 0.15 Mi SW of Jct Cove/Crittenden in Chickamauga 301
CHCH0013 Trib. to W. Chick. Cr. 22.85 307
CHCH0014 U.S Hwy 27 Bridge East of Chickamauga 308
CHCH0015 Three Notch Road Bridge 311
CHCH0016 Bridge 0.1 Mile Above Lee and Gordon Mill 313
CHCH0017 Long Branch Near Hinkle, GA. 314
CHCH0018 Below Lee and Gordon Mill 316
CHCH0019 0.6 Mile Above Blue Spring Branch 317
CHCH0020 Road Crossing 2 Miles SSW of Ringgold 318
CHCH0021 Rock Creek at Nickajack Rd Nr Hinkle, GA. 320
CHCH0022 GACS530R 323
CHCH0023 Road Crossing 0.4 Mile NE of Interstate 75 325
CHCH0024 Southwest of Hinkle on GA Rt. 170 Bridge 327
CHCH0025 Tiger Creek (Sr 3) Near Ringgold, GA. 329
CHCH0026 GA Hwy 2 Bridge 330
CHCH0027 Alexander Bridge 332
CHCH0028 0.25 Mile Above L&N RR Bridge 335
CHCH0029 Near Anderson Memorial Gardens 337
CHCH0030 Bridge Near Anderson Memorial Gardens 338
CHCH0031 GA Hwy 151 Bridge SW of Ringgold 340
CHCH0032 South Chickamauga Creek at Ringgold, GA. 341
CHCH0033 U.S. Hwy 41 Bridge, 0.5 Mile West of Ringgold 344

CHCH0034 Highway 41 Bridge at Ringgold 345
CHCH0035 GAWA554R 346
CHCH0036 Trib. to Rock Cr. 3.63 Lulu Lake Road 348
CHCH0037 Chattanooga Creek at SR 341 Nr Flintstone, GA. 349
CHCH0038 Georgia Hwy 341 Bridge 1.3 Miles S of Flintstone 352
CHCH0039 GACS523R 354
CHCH0040 Reed Bridge 356
CHCH0041 1 Mile North of Ringgold 359
CHCH0042 No Name 360
CHCH0043 Road Crossing, 1.8 Miles South of Wildwood 361
CHCH0044 No Name 363
CHCH0045 Ridgeland Road Crossing 364
CHCH0046 Georgia Hwy 349 Bridge at Flintstone 365
CHCH0047 Rock Creek Near Flintstone, GA. 366
CHCH0048 Near Fantasy Hills 369
CHCH0049 Forrest Road Bridge 370
CHCH0050 At Chattanooga Valley Road 0.4 M N of Flintstone 371
CHCH0051 GA Hwy 2 Bridge East of Ft. Oglethorpe 373
CHCH0052 GACS505R 375
CHCH0053 Dyer Bridge 377
CHCH0054 W Chickamauga Cr at Cld Spgs Rd Nr Lakeview, GA. 380
CHCH0055 West Chickamauga Creek - Georgia Highway 146 404
CHCH0056 Ha-Ha Cave 457
CHCH0057 Skyuka Spring 459
CHCH0058 GA Hwy 349 Bridge 461
CHCH0059 Chattanooga Creek Near Flintstone, GA 463
CHCH0060 Gaging Station 1 Mile South of State Line 468
CHCH0061 At Gaging Station 469
CHCH0062 Chattooga Creek Off Burntmill Road at Mile 8.8 476
CHCH0063 Wooten Road Bridge 478
CHCH0064 Above Swanson Mill Dam Near Stream Gage 479
CHCH0065 South Chickamauga Creek at Graysville, GA. 481
CHCH0066 South Chickamauga Creek - Graysville Road 498
CHCH0067 Above Swanson Mill at Bridge in Graysville 501
CHCH0068 Road Crossing 0.15 Mile Below Black Branch 502
CHCH0069 McFarland Branch at Standard Coosa Thatcher 503
CHCH0070 At Glentana Street, Rossville, GA. 505
CHCH0071 Dry Creek at 0.5 Mile From Mouth 507
CHCH0072 0.5 Miles South of Tennessee-Georgia State Line 509
CHCH0073 McFarland Branch at Borg Textiles Eff 510
CHCH0074 McFarland Branch at Rossville Development Co 512
CHCH0075 McFarlands Branch 514
CHCH0076 Near TN-GA State Line 516
CHCH0077 Chattanooga Creek - State Line West of Rossville 518
CHCH0078 St. Elmo Near TN-GA State Line 530
CHCH0079 Near Ponds 531
CHCH0080 McFarland Branch - N.Of State Line Rd; Rossville 533
CHCH0081 McFarland Br at the Tenn-GA Line 545
CHCH0082 Chattanooga Creek 7.5 Quad 106NE 547
CHCH0083 Tennessee-Georgia State Line 549
CHCH0084 Chattanooga Creek 551
CHCH0085 Wilson Road Bridge 552
CHCH0086 Chattanooga Creek 6.6 Quad 106NE 559
CHCH0087 Chatt Ck at Wilson Road Bridge 560

CHCH0088 Chattanooga C at Burnt Mill Br, at St Elmo, Tenn 562
CHCH0089 Chatt Ck at Burnt Mill Road 564
CHCH0090 Pond Near Tennessee-Georgia State Line 565
CHCH0091 Chattanooga Creek 5.83 Quad 106NE 572
CHCH0092 Chattanooga Creek 6.0 Quad 106NE 573
CHCH0093 Springvale Road Bridge 575
CHCH0094 Chatt Ck Velsicol Chem. Corp. 576
CHCH0095 Velsicol Chem Co Residue Hill at Chattanooga TN 577
CHCH0096 Velsicol Chem Co Residue Hill at Chattanooga TN 578
CHCH0097 Highway 41 Bridge 0.23 Miles N of Tenn-GA Line 579
CHCH0098 580
CHCH0099 West Chickamauga Creek 581
CHCH0100 Chatt Ck Velsicol Chem. Corp. 583
CHCH0101 Chattanooga Creek 584
CHCH0102 Chatt Ck at Hooker Road Bridge 585
CHCH0103 Twenty-Seven Spider Cave 587
CHCH0104 Chattanooga Creek 5.2 Quad 106NE 589
CHCH0105 Hamill Road Bridge 591
CHCH0106 Chatt Ck at Hammill Road Bridge 593
CHCH0107 Hamill Road Bridge 595
CHCH0108 Chatt Ck Woodward Corp Oil Separ 602
CHCH0109 Chatt Ck Reilly Corp Oil Sep. Ef 604
CHCH0110 Chatt Ck Velsicol Chem. Corp. 605
CHCH0111 Hooker Hamill Road Culvert 606
CHCH0112 TNHM567R 613
CHCH0113 Chatt Ck @ Unnamed Trib. @ M 0.2 615
CHCH0114 South Chickamauga Creek 617
CHCH0115 Chatt Ck at Jackson Mfg Co Disch 618
CHCH0116 Chatt Ck Woodward Corp N. Ditch 619
CHCH0117 Chatt Ck Woodward Corp H20 Drain 620
CHCH0118 Chatt Ck Velsicol Chem. Corp. 621
CHCH0119 Lookout Ck L&N RR Underdrain Eff 622
CHCH0120 Chatt Ck Swift Co. Cooling Water 623
CHCH0121 Chattanooga Creek 4.9 Quad 106NE 624
CHCH0122 Tributary to Chattanooga Creek 4.45 626
CHCH0123 Chatt Ck Swift Co. Storm Sewer 633
CHCH0124 HM:H-10S 635
CHCH0125 Chattanooga Creek 4.7 Quad 106NE 636
CHCH0126 Above L&N RR Wauhatchie Yards 638
CHCH0127 Chattanooga Creek 4.4 Quad 105SE 640
CHCH0128 Lookout Ck L&N RR Ditch @ Entra 642
CHCH0129 At RR Crossing Near Elise Chapin Wildlife Sanct. 643
CHCH0130 Spring Creek Road Bridge 644
CHCH0131 Lookout Ck L&N RR Oil Separ. Dis 646
CHCH0132 Lookout Ck L&N RR STP 647
CHCH0133 Chattanooga C at 38th Street at Chattanooga Tenn 648
CHCH0134 Chattanooga Creek 649
CHCH0135 Chattanooga Creek 4.22 Quad 105SE 650
CHCH0136 Chattanooga Creek 4.1 Quad 105SE 651
CHCH0137 East 38th. Street Bridge 653
CHCH0138 Chatt Ck at 38th Street Bridge 660
CHCH0139 662
CHCH0140 Lookout Ck L&N Holding Pd Ovrflw 663
CHCH0141 TNHM512R 664

CHCH0142 Chattanooga Creek 3.8 Quad 105SE 666
CHCH0143 Chattanooga Creek 3.63 Quad 105SE 669
CHCH0144 Chatt Ck at Clifton Hills Subdiv 670
CHCH0145 Chattanooga Creek 672
CHCH0146 Chatt Ck at Chattum Drug Co. Eff 673
CHCH0147 Lookout Ck 2.2/Chattanooga Nature Cen/Quad105SE 674
CHCH0148 Chattanooga Creek 3.24 Quad 105SE 676
CHCH0149 South Chickamauga Creek Near Chickamauga, TN 677
CHCH0150 South Chickamauga Creek at Chickamauga, TN 684
CHCH0151 Lee Highway Bridge 686
CHCH0152 S.Chickamauga Ck at Lee Hwy 690
CHCH0153 Battlefield Pit #2 691
CHCH0154 Chattanooga Creek 2.94 Quad 105SE 693
CHCH0155 Battlefield Pit #1 694
CHCH0156 Tributary to Chattanooga Creek 0.3 696
CHCH0157 Dobbs Branch 0.76 Quad 105SE 703
CHCH0158 Chattanooga Creek 2.7 Quad 105SE 705
CHCH0159 Spring Cr Trib at Lerch St at Chattanooga, TN 707
CHCH0160 Dobbs Branch 0.82 Quad 105SE 713
CHCH0161 TNHM503R 715
CHCH0162 Chatt Ck End of RR Spur at M 2.5 717
CHCH0163 Rr Bridge at Cravens Yards 719
CHCH0164 Chattanooga Creek 0.5 Quad 105SE 726
CHCH0165 728
CHCH0166 Mystery Falls 729
CHCH0167 Red Barrel Pit 731
CHCH0168 Chatt Ck @ Crane Co Waste Disch 733
CHCH0169 Rr Bridge at Cravens Yards 735
CHCH0170 Chatt Ck at L&N RR Bridge-Mi. .6 744
CHCH0171 Chattanooga 746
CHCH0172 Lookout Mountain Cave 748
CHCH0173 Chattanooga Creek 2.38 Quad 105SE 750
CHCH0174 Chattanooga Creek 751
CHCH0175 Lookout Creek 752
CHCH0176 Boat Launch Site 753
CHCH0177 Chattanooga Cr 0.9 @ Southern RR Quad 105SE 754
CHCH0178 U.S. Hwys 41 and 64 Bridge East of Tiftonia 769
CHCH0179 Dobbs Branch 772
CHCH0180 Station Was 2.2 Until Jan.1,1969 773
CHCH0181 Chattanooga Creek 775
CHCH0182 At Burnett Street 776
CHCH0183 Above Central of Georgia Rr 778
CHCH0184 Chattanooga Creek 2.1 Quad 105SE 780
CHCH0185 Dobbs Br @ Unnamed Trib. @ M 0.3 782
CHCH0186 Chatt Ck at Market Street Bridge 784
CHCH0187 Chattanooga Creek 2.0 Quad 105SE 786
CHCH0188 Tributary to Chattanooga Creek 2.2 787
CHCH0189 Railroad Bridge 794
CHCH0190 Nickajack Reservoir 801
CHCH0191 Nickajack Reservoir 803
CHCH0192 Dobbs Br at Central of GA RR Brd 805
CHCH0193 Dobbs Branch 0.04 Quad 105SE 807
CHCH0194 Chatt Ck @ S. RR Shipps Yard Br. 808
CHCH0195 Broad Street Bridge 810

CHCH0196 Chatt Ck at Broad Street Bridge 812
CHCH0197 Chattanooga Creek 814
CHCH0198 Chatt Ck-Wheland Foundry Dis. #1 815
CHCH0199 Chatt Ck Wheland Foundry Dis. 816
CHCH0200 Chatt Ck Wheland Foundry Dis. 818
CHCH0201 Chatt Ck Wheland Foundry Dis. 820
CHCH0202 Tennessee River 822
CHCH0203 TNHM502R 823
CHCH0204 S.Chickamauga Ck Abv Brainerd St 825
CHCH0205 Near Sewage Disposal Plant 826
CHCH0206 S Chick Cr E Brainerd Sewg Eff 827
CHCH0207 Nickajack Reservoir 828
CHCH0208 Nickajack Reservoir 829
CHCH0209 831
CHCH0210 Lookout Creek 832
CHCH0211 Tenn R Us Pipe S Storm Sewer Eff 833
CHCH0212 S.Chickamauga Ck Blw Brainerd St 835
CHCH0213 Dobbs Br @ Unnamed Trib. @ M 0.3 836
CHCH0214 Tenn R Us Pipe N Storm Sewer Eff 838
CHCH0215 Tnmr504R 840
CHCH0216 0.5 Mile East of Brainerd High School 842
CHCH0217 Chatt Ck Modern Maid Pickle Eff. 844
CHCH0218 Chatt Ck Modern Maid Paint Eff. 846
CHCH0219 Chatt Ck Modern Maid Cer. Base 847
CHCH0220 Tennessee River 848
CHCH0221 Tennessee River 849
CHCH0222 South Chickamauga Creek at Gaf Corp Discharge 850
CHCH0223 Tenn R Us Pipe Eff to River 852
CHCH0224 Nickajack Reservoir 854
CHCH0225 Nickajack Reservoir Adjacent to Trm 442.5 855
CHCH0226 Nickajack Reservoir 856
CHCH0227 Tennessee River 459.0 Moccasin Bend Quad 105SE 859
CHCH0228 Tenn R Combustion Engineering E 860
CHCH0229 At Mouth of Unnamed Tributary 862
CHCH0230 Rgn 4 863
CHCH0231 South Chickamauga Creek 866
CHCH0232 Tributary to South Chickamauga Creek 8.8 867
CHCH0233 Airport Road Bridge 868
CHCH0234 Friars Br at Airport Road Bridge 870
CHCH0235 Friars Br Nr New Airport Rd Brdg 871
CHCH0236 Citico Cr Holtclaw-Citico Av Ctl 873
CHCH0237 Nickajack Reservoir 874
CHCH0238 S Chick Cr E Brainerd Sewge Eff 876
CHCH0239 Wilcox Boulevard Bridge 877
CHCH0240 S.Chickamauga Ck @ Shallowford R 879
CHCH0241 Piney Woods Waste Site at Chattanooga TN 880
CHCH0242 Piney Woods Waste Site at Chattanooga TN 885
CHCH0243 Tennessee American Water Co at Chattanooga Tenn 890
CHCH0244 TNHM566R 891
CHCH0245 Friar Branch Trib Near Tyner, TN 893
CHCH0246 Citico Creek 899
CHCH0247 Tennessee R Girl's Prep School 900
CHCH0248 Nickajack Reservoir 901
CHCH0249 Citico Ck 100 Yds Upstrm Rivrsid 902

CHCH0250 Tenn R Moccasin Bend STP Eff ... 904
CHCH0251 Above Riverside Drive Bridge ... 906
CHCH0252 Trib. to Citico Cr. 0.67 ... 909
CHCH0253 Riverside Drive Bridge ... 911
CHCH0254 Citigo Creek Tributary From Southern Railroad ... 912
CHCH0255 Citico Cr Riverside Dr Br Mdstrm ... 914
CHCH0256 Citico Ck at Amnicola Hwy ... 915
CHCH0257 Citico Cr Control Mdstm Mile 0.1 ... 916
CHCH0258 ... 917
CHCH0259 Tenn R Gilman Paint Co. Eff. ... 918
CHCH0260 Friars Br at Shallowford Rd ... 920
CHCH0261 Citico Ck 100 Yds Dwn Fm So. Rr. ... 921
CHCH0262 Tenn R Dixie Sand and Gravel Eff ... 923
CHCH0263 Friars Br Upstream Hwy 153 Brdge ... 924
CHCH0264 Shallowford Road Bridge ... 926
CHCH0265 Tenn.Amer.Water Co. ... 928
CHCH0266 Chatt., Tenn at Broad St & 2nd S ... 929
CHCH0267 Chatt., Tenn at Chestnut & 2nd S ... 931
CHCH0268 Nickajack Reservoir ... 933
CHCH0269 Citico Cr Southn RR Eff Mile 0.8 ... 935
CHCH0270 Citico Creek ... 936
CHCH0271 Citico Cr Control Mdstm Mile 0.6 ... 937
CHCH0272 Tennessee River Bl Citico Cr at Chattanooga, TN. ... 938
CHCH0273 Tennessee River at Chattanooga ... 939
CHCH0274 Citico Cr Control Mdstm Mile 0.8 ... 953
CHCH0275 Itico Creek ... 954
CHCH0276 Tennessee River Trib at Chattanooga, TN ... 955
CHCH0277 Tnmr506R ... 961
CHCH0278 Tenn Riv at Intks Cty Water Co ... 963
CHCH0279 Tenn Riv City Water Lab Tap Watr ... 964
CHCH0280 Tenn-Am Water Co. Data 465.2 L ... 965
CHCH0281 Citico Cr Econ Mills N Bk Mi 0.9 ... 967
CHCH0282 Near Rollingwood ... 968
CHCH0283 Tenn Riv Consltd Ltx-Amnicol Eff ... 969
CHCH0284 Tenn-Am Water Co. Data 465.2 M ... 970
CHCH0285 Nickajack Reservoir ... 972
CHCH0286 Nickajack Reservoir ... 974
CHCH0287 Tennessee River ... 979
CHCH0288 Tenn Riv Control Midstream ... 996
CHCH0289 Tenn-Am Water Co. Data 465.2 R ... 997
CHCH0290 Chief John Ross Landing ... 999
CHCH0291 Nickajack Reservoir ... 1000
CHCH0292 Citico Creek Tributary From Southern Railroad ... 1001
CHCH0293 Citico Ck 200 Yds Up Fm Tinker S ... 1003
CHCH0294 Friars Br at Standifer Gap Rd ... 1005
CHCH0295 Nickajack Reservoir ... 1006
CHCH0296 Standifer Gap Road Bridge ... 1007
CHCH0297 Tennessee River ... 1009
CHCH0298 Tenn Riv Control N Bk Mile 465.4 ... 1010
CHCH0299 Tennessee River Mi. 444 ... 1011
CHCH0300 Tennessee River at Trib From Amnicola Dump ... 1060
CHCH0301 Tennessee River ... 1062
CHCH0302 Friars Br at Reid Rd Bridge ... 1063
CHCH0303 Tenn R Roper Co. Cooling H2O Dis ... 1064

CHCH0304 Tenn R Roper Co. Process Waste 1066
CHCH0305 Tenn R Roper Co. Pickling Proc. 1068
CHCH0306 Tenn R Roper Co. Paint Booth Dis 1070
CHCH0307 Bill McNabb Gulf 1072
CHCH0308 Nickajack Reservoir 1073
CHCH0309 Tenn River Quaker Oats S Bk 1075
CHCH0310 Nickajack Reservoir 1076
CHCH0311 Tannery Branch Nr Southern RR Yd 1079
CHCH0312 Citico Creek Tributary From Southern Railroad 1081
CHCH0313 Nickajack Reservoir 1083
CHCH0314 Nickajack Reservoir 1090
CHCH0315 Above Raccoon Mtn Intake Dischar 1092
CHCH0316 Citico Creek 1093
CHCH0317 Nickajack Reservoir 1095
CHCH0318 Lightfoot Mill Road Bridge 1096
CHCH0319 S.Chickamauga Ck @ Lightfood Mil 1097
CHCH0320 Citico Cr Latta St Bridge Mdstm 1098
CHCH0321 Nickajack Reservoir 1099
CHCH0322 Citico Ck Trib Nr Latta St 1100
CHCH0323 Citico Cr Ditch at North Hickory 1102
CHCH0324 Citico Cr Sump Hol Prop Ln N Hky 1103
CHCH0325 Poe B at FCA #2 Holding Pond Eff 1104
CHCH0326 Citico Creek at Appling Street at Chattanooga, T 1105
CHCH0327 Citico Creek 1111
CHCH0328 Citico Cr Wood Bridge on N Hicko 1112
CHCH0329 Tennessee River 1113
CHCH0330 South Chickamauga Creek at Farmers Chem Discharg 1118
CHCH0331 Citico Ck Trib Nr Tech Finishing 1120
CHCH0332 FCA Drain Ditch #1 Holding Pond 1122
CHCH0333 Citico Cr Stuart St at RR Crossg 1123
CHCH0334 L&N RR Bridge 1124
CHCH0335 Nickajack Reservoir 1125
CHCH0336 Tenn Riv Control S Bank Mi 466.8 1127
CHCH0337 Citico Cr Desota-Roual Hawthrnst 1128
CHCH0338 FCA Drain Ditch Manhole FCA STP 1129
CHCH0339 Citico Creek 1130
CHCH0340 FCA Drain Ditch at FCA STP 1131
CHCH0341 S.Chickamauga Ck at Hwy 58 1132
CHCH0342 TN Hwy 58 Bridge 1133
CHCH0343 Tennessee River at Seaboard Allied Milling 1137
CHCH0344 FCA Drain Ditch at East Acid Rd 1139
CHCH0345 Tenn Riv Seaborn-Allied Eff S Bk 1140
CHCH0346 Citico Ck Trib Riverside Dr Brdg 1141
CHCH0347 Road Crossing 0.45 NW of Valdeau 1143
CHCH0348 Tennessee River at Chattanooga, TN 1146
CHCH0349 Stringers Brach 1150
CHCH0350 So Chick Cr Moccasin Bushing Eff 1151
CHCH0351 So Chick Cr Amnicola Bridge Mdst 1152
CHCH0352 Chickamauga Creek 1153
CHCH0353 1154
CHCH0354 South Chickamauga Crk. 0.4 1155
CHCH0355 S.Chickamauga Ck Blw Amnicola Hw 1183
CHCH0356 S.Chickamauga Ck Abv Amnicola Hw 1184
CHCH0357 So Chick Cr Midstream Mile 0.2 1185

CHCH0358 S.Chickamauga Ck Amnicola Hwy Bd 1186
CHCH0359 S Chick Cr Roxbury Sou Mills Eff 1188
CHCH0360 So Chick Cr City Sewer Pump Stat 1189
CHCH0361 South Chickamauga Creek 1190
CHCH0362 Tennessee River at Central Soya Discharge 1191
CHCH0363 Tennessee River at Central Soya Storm Drain 1193
CHCH0364 So Chick Cr Stein Constr Co Eff 1195
CHCH0365 South Chickamauga Creek at Alco Chem Co Pond 1196
CHCH0366 South Chickamauga Creek at Alco Chem Co Discharg 1198
CHCH0367 South Chickamauga Creek at Alco Chem Co Discharg 1199
CHCH0368 South Chickamauga Creek at Mueller Co Discharge 1200
CHCH0369 South Chickamauga Creek at Mueller Co Effluent 1202
CHCH0370 So Chick Desota-Royal Eff W Bank 1204
CHCH0371 Tributary to Tennessee River 468.20 1205
CHCH0372 1207
CHCH0373 S Chick Cr Hawthorne St Dump Eff 1208
CHCH0374 So Chick Cr W R Grace Eff W Bank 1209
CHCH0375 S Chick Cr Mueller Vale Eff 1210
CHCH0376 S Chic Cr Mueller Val Eff Mi 1.1 1211
CHCH0377 FCA Drain Ditch N East Acid Rd 1212
CHCH0378 South Chickamauga Creek at No Hawthorne St Dump 1213
CHCH0379 S.Chickamauga Ck Trib Grace Chem 1215
CHCH0380 South Chickamauga Creek at W R Grace Discharge 1217
CHCH0381 S Chick Alco Chem Co Eff W Bank 1219
CHCH0382 Lake Junior Swimming Area 1220
CHCH0383 Tenn-Am Water Co. Data 468.4 L 1221
CHCH0384 FCA Drain Ditch E East Acid Rd 1223
CHCH0385 Tenn-Am Water Co. Data 468.4 M 1224
CHCH0386 FCA Drain Ditch W East Acid Rd 1226
CHCH0387 1227
CHCH0388 FCA Drain Ditch Nh4-No3 Plant 1228
CHCH0389 Tenn-Am Water Co. Data 468.4 R 1229
CHCH0390 Tenn R Signal Mtn. Cement Eff. 1231
CHCH0391 Unnamed 1233
CHCH0392 Nickajack Reservoir 1234
CHCH0393 FCA Drain Ditch E Main Access R 1237
CHCH0394 Nickajack Reservoir 1238
CHCH0395 FCA Drain Ditch S NH4 Plant 1239
CHCH0396 FCA Drain Ditch SE HNO3 Plant 1240
CHCH0397 Chickamauga Boat Harbor Dock 1241
CHCH0398 Chickamauga Recreation Area 1242
CHCH0399 Chickamauga Bact. - See Descriptive Paragraph 1243
CHCH0400 Tenn River Polysar Eff West Bank 1244
CHCH0401 At Signal Mountain Boulevard 1245
CHCH0402 TNMR509R 1247
CHCH0403 Fishing Piers at C.B. Robinson Bridge-Riverpark 1249
CHCH0404 Mountain Creek 1250
CHCH0405 Tennessee R State Tech Inst. 1251
CHCH0406 Tennessee River 1252
CHCH0407 Tenn-Am Water Co. Data 470.0 L 1253
CHCH0408 Chickamauga Lake 1255
CHCH0409 Chickamauga Dam Tailrace 1257
CHCH0410 Chickamauga Dam Tailrace 1272
CHCH0411 Chickamauga Modernization Program - Tailrace 1273

CHCH0412 Boat Launch Site Below Chickamauga Dam ... 1274
CHCH0413 Nickajack Reservoir ... 1275
CHCH0414 Chickamauga Modernization Program ... 1278
CHCH0415 Chickamauga Modernization Program - Draft Tubes ... 1279
CHCH0416 Tennessee River at Chickamauga Dam (Tw), Tenn ... 1280
CHCH0417 Tenn-Am Water Co. Data 470.0 M ... 1285
CHCH0418 Chickamauga Dam Tailwater ... 1287
CHCH0419 Nickajack Reservoir Below Chickamauga Dam ... 1291
CHCH0420 Chickamauga Modernization Program ... 1292
CHCH0421 Tenn-Am Water Co. Data 470.0 R ... 1293
CHCH0422 Tenn Riv Dupont Mile 469.9 N Bk ... 1295
CHCH0423 Tennessee River ... 1296
CHCH0424 Tennessee River ... 1297
CHCH0425 Below Chickamauga Dam ... 1298
CHCH0426 Chickamauga Lake TN River Mi 472.3- Midstream ... 1299
CHCH0427 Chickamauga Reservoir - Above Chickamauga Dam ... 1300
CHCH0428 Tennessee River ... 1304
CHCH0429 Tennessee River at E I Dupont Co Settling Ponds ... 1306
CHCH0430 Nickajack Reservoir ... 1308
CHCH0431 Chickamauga Reservoir ... 1309
CHCH0432 North Chickamauga Creek Mouth ... 1311
CHCH0433 Chickamauga Res. at Lighted Buoy ... 1312
CHCH0434 Tennessee River ... 1339
CHCH0435 Chickamauga Embaymts - See Descriptive Paragraph ... 1340
CHCH0436 Near Chickamauga Dam ... 1342
CHCH0437 North Chickamauga Creek ... 1343
CHCH0438 North Chickamauga Creek ... 1344
CHCH0439 TNHM504R ... 1345
CHCH0440 Boat Launch Site ... 1347
CHCH0441 N. Chickamauga Ck. Greenway - Boat Launch ... 1348
CHCH0442 Tennessee River Near Signal Mountain, TN. ... 1349
CHCH0443 Chickamauga Reservoir ... 1350
CHCH0444 Booker T. Washington State Park ... 1361
CHCH0445 Nickajack Reservoir ... 1362
CHCH0446 N. Chickamauga Ck. Greenway - Swimming Hole ... 1365
CHCH0447 North Chickamauga Cr. Tributary ... 1366
CHCH0448 Nickajack Reservoir ... 1367
CHCH0449 Chickamauga Reservoir ... 1369
CHCH0450 Tennessee River ... 1370
CHCH0451 TNMR511R ... 1371
CHCH0452 Suck Creek Near Chattanooga, TN ... 1373
CHCH0453 Suck Creek ... 1376
CHCH0454 North Chickamauga Cr. Tributary ... 1377
CHCH0455 North Chickamauga Creek ... 1378
CHCH0456 North Chickamauga Creek at Hamillville, TN ... 1379
CHCH0457 ... 1381
CHCH0458 Bethel Bible School ... 1383
CHCH0459 8Phemeral Channel at Northgate Shpg Ctr Hixson, ... 1384
CHCH0460 North Chickamauga Creek ... 1390
CHCH0461 Tenn Riv Below Chick Dam Midchan ... 1391
CHCH0462 TNHM510R ... 1392
CHCH0463 TNMR508R ... 1394
EPA Water Quality Criteria Analysis for Entire Park Study Area ... 1396

NPS Servicewide Inventory and Monitoring Program
"Level I" Water Quality Inventory Data Evaluation and Analysis (IDEA) 1400
Water Quality Observations Outside STORET Edit Criteria for Park 1408

V. APPENDICES 1423
A. Computer Files Transmitted With Park Baseline Water Quality Data Inventory and Analysis A-1
B. Water Quality Database File Structures B-1
Parameter Data File B-1
Water Quality Station Data File B-4
Industrial Facilities Discharges File B-6
Drinking Water Intakes File B-9
Water Gage File B-12
Water Impoundment File B-14
RF3 Structure File B-18
RF3 Trace File B-22
Catalog Unit Boundary File B-23
Encyclopedia File B-24
C. STORET Water Quality Control/Edit Checking C-1
D. STORET Administrative Parameters D-1
E. STORET Parameters Not Suitable for Statistical Analysis E-1
F. National EPA Water Quality Criteria Summary F-1
G. Inventory Data Evaluation and Analysis (IDEA) Servicewide Inventory and Monitoring Program "Level I" Parameter Groups G-1
H. Literature Cited H-1
I. Selected General Water Quality References I-1

INTRODUCTION

The National Park Service's (NPS) Organic Act of 1916 states that the mission of the NPS is to promote and regulate the use of national parks, monuments, and other units "... to conserve the scenery and the natural and historic objects and wildlife therein and to provide for the enjoyment of the same in such a manner and by such means as will leave them unimpaired for the enjoyment of future generations." One task embodied by this mission is preserving and protecting water resources and water dependent environments in parks. Ensuring the integrity of park water quality, due to its importance in sustaining natural, aquatic park ecosystems and supporting human consumptive and recreational use, is fundamental to successfully addressing this task. The first step in ensuring the integrity of park water quality is defining historic and extant water quality.

This document represents one product of an ongoing effort by the NPS Water Resources Division (WRD) and the Servicewide Inventory and Monitoring Program to characterize baseline water quality using existing data at park units containing significant natural resources. This effort was initiated in 1993 by the award of a contract to Horizon Systems Corporation to retrieve, format, and analyze surface water quality data from the Environmental Protection Agency's (EPA) Storage and Retrieval (STORET) database system. The scope of work identified in the Request For Proposals outlined several sequential, interrelated project phases, including, but not limited to: (1) determining the water quality retrieval/query area around each park; (2) downloading and assessing the quality of the data from STORET; (3) generating basic water quality summary statistics and graphic plots; (4) reformatting water quality data for compatibility with the park-based Water Quality Data Management System presently under-development; and (5) providing recommendations concerning possible hardware, software, and personnel options for storing combined park databases in a centralized NPS water quality database. This report documents the results of phases one through four of this effort for this park unit.

Goal

The goal of this document is to provide descriptive water quality information in a format usable for park planning purposes (eg. Water Resources Management Plans, Resource Management Plans, and General Management Plans). The report is designed to characterize baseline water quality rather than assess specific water quality problems at a park. This is consistent with the Servicewide Inventory and Monitoring Program's goal of obtaining basic, "Level I", water quality parameters for key waterbodies at each park (National Park Service 1993). Consequently, this report is best used as a reference document to help design new goal-driven water quality monitoring programs rather than as conclusive evidence of previous or existing water quality problems.

Purpose

The purpose of this report is to inventory existing park water quality data; establish baseline water quality at the park; identify potential water quality problems; and establish a park water quality database. This report is intended to enable park resource managers to compare and contrast water quality data collected as part of ongoing inventory and monitoring programs with historical water quality trends. Additionally, this report is intended to foster better designed park-based water quality inventory and monitoring programs in the future. The water quality databases which accompany this report will also lay the groundwork for establishing a NPS water quality database that will allow Regions and Washington Offices to generate regional and national assessments of park water quality.

Objectives

Specific objectives of the study documented in this report are to:

1. Retrieve water quality and related data from the EPA's STORET and other database systems;

2. Develop a complete inventory of all retrieved data;

3. Produce descriptive statistics and appropriate time series and box-and-whiskers plots of water quality data to characterize period of record, annual, and seasonal central tendencies and trends;

4. Compare water quality data with relevant national EPA water quality criteria on a station-by-station and study area basis;

5. Determine the presence and/or absence of the Servicewide Inventory and Monitoring Program's "Level I" water quality parameters within the study area; and

6. Reformat water quality and other related data for use in the park-based Water Quality Data Management System, presently under-development, and other appropriate analytical tools.

Document Overview

This report is comprised of five chapters. The first chapter, this Introduction, provides a brief statement of the study's background; goal, purpose, and objectives; and the key personnel who helped produce the document. This chapter also contains this brief overview of the document's contents and important interpretive caveats to consider when referring to and using this document. The second chapter focuses on the methods, procedures, and databases that were employed to retrieve and analyze water quality data for the park. The third chapter is the user's interpretive guide to chapter four. Chapter three explains how to interpret all the tables and figures presented in chapter four. Chapter four, which likely comprises the majority of the document (unless there isn't much water quality data for the park), contains detailed inventories, descriptive statistics, graphics, and national EPA water quality criteria comparisons characterizing the park unit's water quality data on a station-by-station basis and over the entire study area. This chapter also contains a comparison of park water quality data with the Servicewide Inventory and Monitoring Program's "Level I" water quality inventory parameters and a listing of water quality observations that were outside the STORET edit criteria range. Chapter five, the Appendices, contains more specialized materials such as the file names and database structures included on floppy disk(s) with this report; STORET edit criteria; national EPA water quality criteria; Servicewide Inventory and Monitoring Program's "Level I" water quality inventory parameters; selected water quality references; and other materials which provide background on the methods, procedures, and databases used or produced by this study.

The water quality and other related data referenced in this report accompany the document on floppy disk. The water quality parameter data file is in DBASE III+[1] format and will be useable in the park-based Water Quality Data Management System presently under-development. The water quality stations, industrial facilities discharges, drinking water intakes, water gages, water impoundments, and River Reach databases are also in DBASE III+ and/or ASCII format for ready-use in Geographic Information Systems (GIS), Computer-Aided Design Systems, or Desktop Mapping Systems.

Caveats

While intended primarily as a reference document, it is important that users peruse the first three chapters and Appendices of this report to better understand and interpret the results presented in chapter four. As a means for identifying potential areas for more intensive study, comparisons of the park's water quality data with relevant national EPA water quality criteria for appropriate designated uses[2] and with the Servicewide Inventory and

[1]The use and/or mention of specific proprietary hardware or software packages is for informational purposes only and is not intended to connote or denote an endorsement.

[2]The Environmental Protection Agency's Quality Criteria for Water 1995 Final Draft (Silver Book) was the primary source of water quality criteria. In the spirit of the other caveats offered in this section, it is important to recognize that water quality criteria are often revised when new or better information become available.

Monitoring Program's "Level I" water quality inventory parameters have been made. Extreme caution must be exercised in interpreting the results of these comparisons. Observations that exceed water quality criteria may have occurred due to any number of natural or anthropogenic factors, as well as other reasons. For example, STORET is a "user-beware" water quality database system. While there is some rudimentary edit (bounds) checking of any data entered in STORET (See Appendix C), users are basically free to enter their own data. Beyond data entry errors, the possibility of inaccurate data entering the system due to inappropriate measurement techniques, sample mistreatment, and other reasons is a serious concern. Consequently, if observations for a particular parameter frequently exceed the EPA water quality criterion over a prolonged time period, the best approach is to examine in detail the data exceeding the criterion. Questions which should be asked regarding the data include: What water source(s) are manifesting the problem? Does the data make sense? Was it collected by a reputable organization following a sound study plan and employing accepted techniques? If the answers to these questions still cause concern, a specific cause and effect water quality investigation focusing on the parameters of concern may be warranted. Similarly, the absence of particular Servicewide Inventory and Monitoring Program "Level I" water quality parameters from the park only means that no entity or organization has collected and entered this data into the EPA's STORET database. Too frequently, data that are collected in and around NPS units never make it into the EPA's national water quality database. These data may exist in published or unpublished reports, file cabinets, or other databases. Before definitively concluding that no baseline data exist for a particular parameter, these alternative resting grounds for data should be investigated. Such a detailed exploration, however, was beyond the scope of this study.

Key Personnel

Many individuals contributed to the design and implementation of this project. The primary contributors and their roles in the project are briefly mentioned below.

National Park Service, Water Resources Division:

Dean Tucker was the Contracting Officer's Technical Representative responsible for designing, coordinating, and implementing all aspects of this effort.

Mike Matz coordinated and managed the team which prepared all components of the report.

Gary Rosenlieb provided administrative oversight and was involved in quality control for all tasks related to this project.

Barry Long and Roy Irwin reviewed technical tasks and provided water quality expertise related to data analysis.

Gary Smillie provided hydrologic expertise in the determination of hydrologic seasons.

Clint Bassett, Amy Benton, Josh Johnson, and Padraig Gallagher helped prepare reports and write the Executive Summaries.

Elizabeth Eisenhauer, Bill Folsom, Scott Ratchford, Jeff Ketcham, Valdete Celaj, Sonny Emmert, Matt Kunze, Chris Woodward, Nils Babel, and Greg Johnson provided digital cartographic support, both in determining retrieval/query areas and producing maps and graphics.

Kelli O'Connor, J. Chris Echohawk, Curtis Cooper, Mary Beth Talty, Rich Henderson, Kristie Maczko, Ryan Shy, Margaret Matter, Lisa Dummer, Adriane Petersen, Ronda Burns, Eric Janney, Aria Brissette, Shawndra Mawhorter, Melanie Schnier, and John Carillo uploaded water quality data to STORET prior to report preparation.

Jacquie Nolan designed the cover.

Horizon Systems:

Cindy McKay served as Project Manager for Horizon Systems, performed the initial requirements analysis, and was involved in all quality control tasks related to the project.

Alan Cahoon was responsible for automating the procedures which produced the water quality databases and Water Quality Results chapter.

Sue Hanson, P.E., provided technical advice for writing this document.

Dr. Jim Loftis was the data quality analyst for the project.

Armando F. Ballofet, P.E., served as the local technical liaison between Horizon Systems and the NPS.

Other National Park Service:

Several other individuals provided invaluable technical review, comments, administrative support, and/or other assistance, including: Dan Kimball, Bill Jackson, Mark Flora, Gary Williams, John Karish, Brendhan Zubricki, Richard Hammerschlag, Randy Ferrin, Gary Vequist, Mike Martin, Kevin Berghoff, and Dyra Monroe.

METHODOLOGY

This section provides an overview of the procedures and criteria used to retrieve and analyze water quality data for each park unit. Generating baseline water quality data inventories and analyses for all NPS units is a monumental task. To accomplish this undertaking given a very limited budget, the procedures employed to produce each report had to be as generic and automated as possible. Consequently, customization of reports to individual park needs and issues was not feasible. Moreover, such customization was beyond the scope of this effort which was simply intended to produce baseline water quality data inventories for all parks rather than customized issue-driven reports. During the procedure-development stages of the project, specifications for the final product evolved, within the context of the aforementioned resource constraints, to focus on comprehensive water quality baseline data inventories and concise, descriptive statistical examinations of the available water quality data for each park unit. Detailed below are the data sources and final methods and procedures that were used to create the baseline water quality inventories, analyses, databases, and other products for each park unit. A thorough understanding of the limitations of the data sources and procedures described in this chapter and the next (Interpretive Guide to Water Quality Results) is a prerequisite to intelligent use of the results presented in this document.

Delineation of Park Study Area

The first step in retrieving water resources-related data for each park was deciding on a procedure to determine the study area boundary. Since water flows through parks, utilizing the park boundary as a simple query/study area was deemed inadequate. On the other end of the continuum, using the entire watershed as the study area was considered superfluous given: (1) the areal extent of certain park watersheds (eg. the entire Mississippi River); (2) the sheer volume of potentially irrelevant data such a large study area could generate; and (3) the resources required to specify the watershed for each park unit. The approach which was ultimately adopted - a modified hydrologic boundary - reflects a compromise between the park boundary and the entire watershed. Thus the study area employed for each park is an area extending at least three miles upstream and one mile downstream from the park boundary. Although these distances are somewhat arbitrary, this approach is easy to automate and was felt to limit the data retrieved, in most instances, to that of most importance to the park. Extending the query area one mile downstream of the park was intended to capture any data immediately downstream of the park which may reflect the quality of the water in the park. A current (as possible) copy of each park's boundary was obtained in digital format directly from the park or digitized from Regional land status maps, U.S. Geological Survey (USGS) quadrangles, or other sources. Using GIS techniques, the boundary was used to create the three miles upstream, one mile downstream buffer. For a few parks with which WRD water quality specialists were very familiar with potential water quality threats and/or valuable sources of data that may lie just outside the study area, the study area may have been tweaked (enlarged) to cover these areas of concern or interest. Unfortunately, a customized study area was not feasible for all park units. Hence, the three miles upstream, one mile downstream buffer was the primary study area employed for most parks. This study area was transferred to the EPA mainframe computer and used as the basis for all water resources-related data retrievals from the data sources described below.

Data Sources

The EPA maintains many mainframe data systems related to national water resources (U.S. Environmental Protection Agency 1992). Six of these data systems were used for this project:

- STOrage and RETrieval System (STORET) - water quality parameter data, locations of sampling stations, descriptive elements about stations and parameters;
- Industrial Facilities Discharge (IFD) - locations of industrial and municipal point source discharge facilities;

- Drinking Water Supplies (DRINKS) - locations of intake pipes for drinking water supplies;
- Water Gages (GAGES) - locations of USGS and other water gages;
- Water Impoundments (DAMS) - locations of most large water impoundments (greater than 10,000 acre feet at normal pool volume) and many smaller impoundments; and
- River Reach File, Version 3 (RF3) - 1:100,000 scale geographical representation of surface waters (rivers, lakes, etc.) with a unique identifier assigned to each surface water segment and connectivity information useful for routing and navigation.

STORET is the national water quality data repository (U.S. Environmental Protection Agency 1989). Water quality data is entered in STORET by public agencies (federal, state, or local) that collect water samples and/or perform laboratory analysis. As such, STORET is a "user-beware" data system. Although the EPA manages the STORET data system and, since November 1983, has imposed some minimum quality control criteria on the data (See Appendix C), data are generated and input to STORET by the "owner" agencies. Consequently, the EPA does not certify any data within STORET. Currently, there are over 800,000 active and inactive sampling stations and more than 225 million observations covering in excess of 13,000 water quality parameters entered in STORET. The earliest data dates back to the turn of the century. Using the bi-monthly update cycle, user agencies may store results of recent monitoring activities in STORET. Included in STORET is USGS WATSTORE water quality data, which is updated on a monthly basis. Although STORET contains a phenomenal amount of data, it is important to note that data exist in STORET only if the collectors decide to upload their data to the system. Since many agencies and researchers do not upload their data to STORET, the absence of water quality data in the system for a particular area doesn't mean that there has never been any water quality data collected for the area. The data may exist in published or unpublished reports, file cabinets, or in agency-specific databases. Identifying and retrieving these other sources of data were beyond the scope of the present effort. All parameter data and water quality station location data downloaded from STORET within the park's study area are included in DBASE III+ format files on disk(s) accompanying this report (See Appendices A and B).

The data within the IFD database are extracted from the EPA's Permit Compliance System (PCS). IFD contains the facility locations of all industrial and municipal dischargers which require a National Pollutant Discharge Elimination System (NPDES) permit to operate. Over 7,100 municipal, federal, and industrial facilities discharging into the waters of the United States are tracked by PCS and IFD. If any industrial facilities discharges exist within the study area, a file in DBASE III+ format documenting a variety of information about each discharge accompanies this report on disk (See Appendices A and B).

The EPA DRINKS database identifies locations of drinking water supply intakes. This file contains data for 850 supplies which serve more than 25,000 people, and 6,800 supplies which serve between 1,000 and 25,000 people. If any drinking water intakes exist within the study area, a file in DBASE III+ format documenting a variety of information about each intake accompanies this report on disk (See Appendices A and B).

The GAGES data originates primarily with the USGS and copies are maintained on the EPA mainframe computer for ease of integration with other EPA national data systems. Although other agency's water gages, as well as some artificial gages, may appear in GAGES, the vast majority of gages are stream gages belonging to the USGS. The GAGES database contains approximately 36,000 records for both active and inactive gaging stations. If any USGS or other agency stream gages occur within the study area, a file in DBASE III+ format documenting several fields of information about each gage accompanies this report on disk (See Appendices A and B).

The Water Impoundment database was originally compiled by the U.S. Army Corps of Engineers in response to a Congressional inquiry on dam safety hazards (GKY and Associates 1990). The EPA subsequently modified the database for use in water quality investigations. Of the 68,155 dams in the database, 2,125 are considered large (impounding 10,000 acre feet or more at normal pool volume). It is important to note that while the database includes entries for 66,030 smaller dams, estimates place the actual number of dams in the U.S. at several million

(including small farm ponds). If any water impoundments occur within the study area, a file in DBASE III+ format documenting several fields of information about each impoundment accompanies this report on disk (See Appendices A and B).

The RF3 data system is a hydrologic database of surface water features across the U.S. (excluding, at present, Idaho, Oregon and Washington, which currently operate a different system - although this data is expected to be converted to RF3 soon, Alaska and Hawaii). RF3 was created primarily from 1:100,000 scale USGS Digital Line Graph data. RF3 is made up of over 3,000,000 individual "reaches". A reach is generally defined as a portion of surface water between two confluences (U.S. Environmental Protection Agency 1993). The linework underlying RF3 contains over 95,000,000 coordinate points. RF3 is designed to facilitate hydrologic routing, identifying upstream and downstream elements, and specifying the exact location of any point on a stream network. RF3 data exists as a series of traces with associated attributes. The EPA project which is producing RF3 is being conducted in three phases: Compilation, Assessment, and Revision. The Compilation phase is complete except for Idaho, Washington, Oregon, and Alaska. The Assessment phase was completed during the first half of 1994; while the Revision phase was begun in March 1994. One important outcome of the Revision phase is that the reach codes which uniquely identify each surface water feature will change. Consequently, these codes should not be used, at this time, as keys for relating other data to RF3. The RF3 data provided with this document is provisional and should be used only to provide a geographic backdrop for the park's water quality data. RF3 data covering each USGS catalog unit (a geographic area representing a single or multiple drainage basin(s), or some other distinct hydrologic feature (U.S. Geological Survey 1982)) touched by the park's study area is included in ASCII export and DBASE III+ formats on the disk(s) accompanying this report (See Appendices A and B).

For additional information on any of these data systems, contact the EPA Office of Water at (202) 260-7028.

Data Retrieval and Analysis Procedures

The six EPA data systems discussed above reside on the EPA mainframe computer located in Research Triangle Park, N.C. Horizon Systems used a dedicated, leased telephone line with a data transfer rate of 9600 bits per second to download data occurring within the park's study area from all the databases. The bisynchronous communication software and hardware provided error checking during all data transfer procedures.

As described above, the park study/query area boundary was used to select the water quality stations, industrial facilities discharges, drinking water intakes, water gages, water impoundments, and river reaches associated with the park unit. For various reasons, screening criteria (described later in this section) were employed to select appropriate water quality stations, parameters, and observations. Horizon Systems wrote several mainframe programs to automate, to the greatest extent feasible, the STORET data retrieval and storage procedures. Once the data were extracted from the EPA data systems, they were downloaded to a microcomputer for statistical analyses and reformatted into DBASE III+ compatible format.

Specifically, once on the PC, the data were processed to:

(1) Reformat the data into DBASE III+ format and other database structures;
(2) Eliminate questionable data outside the STORET edit criteria ranges (See Appendix C);
(3) Display on a map the location of water quality monitoring stations and other water resources themes;
(4) Determine the frequency of water quality observations by station, parameter, and station/parameter;
(5) Generate descriptive period-of-record water quality statistics in a tabular format;
(6) Generate appropriate descriptive annual and seasonal analyses of the water quality data in a tabular format;
(7) Plot appropriate period of record time series and annual and seasonal box-and-whisker graphs;
(8) Compare the water quality data against relevant EPA national criteria; and

(9) Compare the water quality data against the NPS Servicewide Inventory and Monitoring Program's "Level I" water quality parameters.

Special customized microcomputer programs (primarily written in Clipper and Microsoft Professional BASIC) and procedures were created to address each of these tasks. All reformatted database files are included on disk(s) accompanying this document. The contents of these databases are described briefly below. Complete database structures are included in Appendices A and B. The descriptive water quality tabular statistics (see "Statistical Analyses" below) were computed based upon NPS specifications. Command or batch files were generated to drive STATGRAPHICS 7.0 in order to produce all the time series and box-and-whiskers plots.

Park Unit Databases

Up to seven digital databases in DBASE III+ and other formats have been created for the park by querying the water resources-related data sources described above. The disk(s) containing these databases accompany the report. The contents of each of these databases are discussed briefly below. More detailed documentation of these databases is included in Appendices A and B.

(A) Water Quality Parameter Data: This database includes all the water quality parameter data downloaded from STORET that passed the STORET Edit Criteria, Date, Station Type, and Phase 0 Parameter screens (described below) and is summarized tabularly and graphically in this document. This constitutes the park's baseline water quality data. Since it is already in digital format, more sophisticated analysis of the data is possible than the descriptive statistics and graphics presented here.

(B) Water Quality Station Locations: This database consists of the STORET header information describing each station where water quality data was collected. As the latitude and longitude of the station are included in the database, this file is easily imported into the park's GIS.

(C) Industrial Facility Discharge Locations: This database includes any industrial or municipal point source discharges located within the park's study area. As the latitude and longitude of each discharge facility are included in the database, this file is easily imported into the park's GIS.

(D) Drinking Water Intake Locations: This database includes any drinking water intakes located within the park's study area. As the latitude and longitude of each intake are included in the database, this file is easily imported into the park's GIS.

(E) Water Gage Locations: This database includes water (stream, lake, estuary, well, spring, climate, or other) gages located within the park's study area. Most of the gages will likely be stream gages belonging to the USGS. As the latitude and longitude of each gage are included in the database, this file is easily imported into the park's GIS.

(F) Water Impoundment Locations: This database includes any water impoundments (dams) located within the park's study area. As the latitude and longitude of each impoundment are included in the database, this file is easily imported into the park's GIS.

(G) River Reach Data: This database includes all stream traces (1:100,000 scale) and attributes for reaches falling within any USGS catalog unit that touches the park's study area. The traces are geo-referenced in ASCII format. The attributes are in both ASCII export and DBASE III+ formats. This information is also readily incorporated into the park's GIS.

The absence of any of these seven files from the disk(s) accompanying the report indicates that there was either no data of this type within the park's study area or the data was unavailable. Several other files are included on the disk(s) accompanying this report, including digital copies of all the figures and tables contained in the document and some other items. Refer to Appendices A and B for detailed documentation of these files. Not included on

disk is an Encyclopedia File (for WRD reference) that documents the minimum and maximum values for each water quality parameter and the parks in which those values were recorded. When Baseline Water Quality Data Inventory and Analysis reports have been completed for all parks, this Encyclopedia File will be available upon request from the NPS WRD.

Screening Methodologies and Procedures

Developing automated or semi-automated procedures to produce baseline water quality inventories and analyses for all national park units required constant testing and debugging of procedures. Three parks, Rock Creek Park, Yellowstone National Park, and Indiana Dunes National Lakeshore, were used to pilot test and refine the automated procedures. It became evident, after a preliminary analysis of all the downloaded STORET data, especially for Indiana Dunes National Lakeshore, that the specifications for the graphical analyses could generate hundreds (possibly thousands) of plots, many of which would not necessarily be useful. Also, there were many stations; parameters; and/or observations downloaded that were not part of the study's objectives; not overly useful; or of dubious quality. In order to reduce the number of graphical plots (time series, annual and seasonal box-and-whiskers) to fit within project resources, various screening criteria were investigated. Ultimately, a comprehensive set of screening criteria were developed to reduce the number of graphical plots. After initial counts of the total number of possible time series and annual and seasonal box-and-whiskers plots were generated, these counts were used to decide which screening criteria would be applied to limit the number of these plots produced for the park unit. Additional screening criteria were employed to restrict the tabular descriptive statistics results to only those deemed useful to the park. Table A provides the categories of screening criteria and to which analyses the screens were applied. A "yes" entry in the table means that the screening category eliminated or prevented data from appearing in certain tables and plots contained in the document. Consequently, in understanding how data from STORET was used in this report, it may be helpful to keep in mind the three general types of screening criteria: (1) screens that apply to stations; (2) screens that apply to certain parameters at stations; and/or (3) screens that apply only to particular observations of parameters at stations. A detailed description of each of the screening criteria categories follows this table. *It is important to note that statistics in "Inventory" reports may not be consistent with statistics in "Overview" reports since different categories of screening criteria were applied*. Also, if attempting to replicate the results of the statistical and graphical analyses presented in this document, be sure to follow the same screening methodologies.

STORET Edit Criteria

As mentioned previously, STORET is a "user-beware" data system. As the EPA doesn't certify any data in STORET, public agencies enter and are responsible for the quality of their own data. Only data entered since November 1983 have been subjected to any rudimentary edit/bounds checking. Agencies entering data since this date can elect to override the edit/bounds checking for individual observations. USGS WATSTORE water quality data is entered into STORET without any EPA edit/bounds checking to ensure data integrity between WATSTORE and STORET. Unfortunately, during the course of our pilot tests, erroneous USGS and EPA water quality data values were discovered. In order to eliminate as much "bad" data as possible, all water quality data downloaded from STORET was subjected to automatic edit/bounds checking (STORET Edit Criteria contained in Appendix C) for the 190 most common parameters. Observations falling outside the STORET Edit Criteria were documented (See the Water Quality Observations Outside STORET Edit Criteria for Park section in the Water Quality Results chapter) and then retained or discarded from the database and all tables and plots based on whether the value was judged as being in the realm of possibility. Although the STORET Edit Criteria screen likely removed some "bad" data for these common parameters, the probability of other erroneous data in the database is high. Be sure to consult the Caveat section in the Introduction.

Table A. Categories of Screening Criteria and to Which Output Products They Apply (A "yes" Entry Means the Screening Category Eliminated or Prevented Data From Being Used in the Product):

Screening Category	Data Download	Overview Tables	Inventory Tables	Annual Tables	Seasonal Tables	Standards Tables	Plots (All)
STORET Edit Criteria	yes	yes	yes	yes	yes	yes	yes
Date	yes	yes	yes	yes	yes	yes	yes
Station Type	yes	yes	yes	yes	yes	yes	yes
Phase 0 Parameter	yes	yes	yes	yes	yes	yes	yes
Phase 1 Parameter	no	no	yes	yes	yes	yes	yes
Media Type	no	no	yes	yes	yes	yes	yes
Remark Codes	no	no	yes	yes	yes	yes	yes
Composite Type	no	no	yes	yes	yes	yes	yes
Phase 2 Parameter	no	no	no	no	no	no	yes
Observations/Period of Record	no	no	no	yes	yes	no	yes

Date Screen

Every water quality observation in STORET typically has a sampling date associated with it. Unfortunately, STORET does not prevent users from entering incorrect dates. Consequently, any water quality observation with an incorrect and/or suspect date (eg. a month greater than 12; a day greater than 31; or a sample date later than the STORET retrieval date) were discarded.

Station Type Screen

STORET contains data from a wide variety of stations classified by the type of waterbody in which samples were collected. As this project's purpose was to inventory and analyze surface-water quality, the following surface-water station types were retrieved (clarification provided in parentheses):

Station Types Included In Retrieval
(a) STREAM
(b) CANAL
(c) LAKE
(d) RESERV (Reservoir)
(e) SPRING
(f) FWTLND (Fresh Water Wetland)
(g) SWTLND (Salt Water Wetland)
(h) ESTURY (Estuary)
(i) OCEAN

Ground water and/or other station type data may have been retrieved if the entering agency classified the station type incorrectly. Rectifying this error was beyond the scope and resources of this project.

Phase 0 Parameter Screen

Nearly all water quality parameters associated with each station type listed above were retrieved. The only exception to this was the exclusion of most of the STORET administrative parameters. A complete list of STORET administrative parameters is included in Appendix D. The few administrative parameters that were included in the retrievals are as follows:

Code	STORET Administrative Parameter Description
00027	Code No. for Agency Collecting Sample
00028	Code No. for Agency Analyzing Sample
00063	Sampling Points, Number of In a Cross Section
00111	Ratio of Fecal Coliform to Fecal Streptococci
00115	Sample Treatment Code (1=Raw, 2=Treated)
34772	NPDES Number, Cross Reference
45580	Method of Analysis
74065	Stream Flow Class
74066	Annual Runoff
74067	Soil Classification
74068	Water Quality Designated Use Classification

Phase 1 Parameter Screen

Some of the data retrieved from STORET was not suitable for statistical or graphical analysis. Consequently, this screening criterion eliminated all parameters which were not suitable for statistical or graphical analysis within the context of this project. The full list of these parameters is presented in Appendix E. Examples of parameters excluded from statistical and graphical analysis include the administrative parameters mentioned above, land use acreage, encoded values, dates, latitude/longitude, etc. Excluded parameters do, however, appear in the Parameter Period of Record and Station/Parameter Period of Record (two of the "Overview" Tables), as well as in the water quality parameter file included on disk(s) accompanying this report.

Media Type Screen

Water quality samples can be taken in a variety of aqueous media. Water quality data were retrieved from STORET only if the media were WATER or VERT (vertically integrated). WATER and VERT samples comprise the overwhelming majority of samples in STORET. The media screen eliminated the following water quality sampling media:

Media Screen	Description
BOTTOM	Sampled At the Bottom
DREDGE	Sampled By Dredge
PORE	Pore Sample
CORE	Core Sample

Remark Code Screen

STORET enables the agency collecting water quality samples to provide a qualifying remark for each parameter observation. These remarks provide additional information about the measured or observed value entered into STORET (See Appendix B - Parameter Data File for a complete listing and description of all remark codes). Based on the STORET remark codes, two potential screens were applied to water quality observations based on whether the measured value was used in subsequent analyses: (1) Elimination or (2) Modification/Inclusion.

Elimination:
Non-composite water quality parameters with the remark codes presented in Table B were eliminated from the period of record, annual, and seasonal descriptive statistics and graphics. Not including observations with these remarks was justified by the fact that most of the remarks: (A) indicate either less confidence in the measured value; (B) are remarks for nominal or categorical data that doesn't lend itself to statistical analysis; or, (C) complicate the statistical analysis beyond the scope of this effort. Observations containing these remark codes comprise a very small fraction of the data. Although statistical analyses weren't undertaken on this data, all water quality observations, regardless of remark code, are included on disk(s) accompanying this report. If you re-analyze this data in order to replicate the results presented here, be sure to eliminate all non-composite observations with the remark codes presented in Table B.

Table B. Non-composite Parameters With the Following Remark Codes Were Eliminated From Statistical and Graphical Analysis:

Remark Code	Description of STORET Remark Code
F	Female Species.
J	Estimated, Not the Result of Analytic Measurement.
M	Presence Verified, But Not Quantified, Below Quantification Limit. For Species, Male. For Oxygen Reduction Potential, Indicates Negative Value.
N	Presumptive Evidence of Presence.
O	Analysis Lost.
V	Analyte Was Detected In Sample and Method Blank.
W	Less Than Lowest Value Reportable Under Remark "T".
Z	Too Many Colonies Were Present to Count (TNTC), Value Represents Filtration Value.

Modification/Inclusion:
Water quality parameter observations with the remark codes presented in Table C were halved prior to inclusion in period of record, annual, and seasonal descriptive statistics and graphics. These remark codes deal with observations that were below the detection limit for the parameter. The common water quality data analysis convention for these remark codes is to use half of the detection limit in statistical analyses (Ward, Loftis, and McBride 1990; Gilbert 1987). Although this is a somewhat defensible treatment of observations below the detection limit, the statistics that may be computed using these halved values may not be defensible. Consequently, any computed statistics in inventory, annual, or seasonal tables that are comprised of 50% or more K, T, and U remark codes are footnoted "Computed with 50% or more of the total observations as values that were half the detection limit." This will provide the user with some caution in using and interpreting these results. Water quality data included on disk(s) accompanying this report that may have these remark codes are stored as the original entry (detection limit). If you re-analyze this data in order to replicate the results presented here, be sure to substitute half the detection limit value in the database whenever these remark codes are encountered.

Table C. The Value of Water Quality Parameters With the Following Remark Codes Were Halved (Half of the Detection Limit Entered In STORET) Prior to Inclusion In Descriptive Statistics and Graphics:	
Remark Code	**Description of STORET Remark Code**
K	Off-scale Low, Actual Value Not Known, But Known to Be Less Than Value Shown.
T	Less Than Detection Criteria.
U	Analyzed For But Not Detected, Value is Detection Limit For Process Used. If Species, Undetermined.

Composite Type Screen

Sometimes data entered in STORET represent something other than a single measurement at one location at one point in time. These samples are typically referred to as composite samples due to the fact that they vary temporally and spatially. Consequently, the observation entered into STORET for composite data is typically a computed value that summarizes the data over time and/or space. Such data complicate statistical and graphical analyses and must be handled separately. Such treatment was beyond the scope of this study; although composite values typically represent only a fraction of STORET observations. The composite type screen eliminates all composite observations from statistical and graphical analyses, except those with a composite type code of "A" that have a one day or less sampling period and those with a composite type code "D". All water quality observations, regardless of composite type code, are included on disk(s) accompanying this report. If you re-analyze this data in order to replicate the results presented here, be sure to exclude all composite observations except those with a code of "A" that have a one day or less sampling period and those with a code of "D". Table D presents a list of possible STORET composite type codes.

Table D. Possible STORET Composite Type Codes

Composite Type Code	STORET Composite Type Description
A	Average
H	Maximum
L	Minimum
N	Number of Observations
#	Number of Observations
S	Standard Deviation
U	Sum of Squares
V	Variance
C	Coefficient of Error
X	Coefficient of Variance
E	Skewness
F	Kurtosis
Z	Number of Obs. That Exceed An Established Limit
%	Precision
$	Accuracy
B	N/A
D	Indicates Replicate Sample

Phase 2 Parameter Screen

Due to budgetary limitations, the number of graphical plots (time series, annual and seasonal box-and-whiskers) produced had to be manageable - typically no more than 100 total plots. After scrutinizing the results of the pilot tests and the Baseline Water Quality Data Inventory and Analysis Reports produced for the first group of parks, the 19 parameters which, typically, were the most frequently measured at nearly all stations were water temperature, stage, discharge, and various meteorological measurements (See Table E). Consequently, most of the graphical plots produced would be of water temperature, stage, discharge, and meteorological conditions. Although these are important parameters, particularly in conjunction with other water quality parameters, it was felt that plotting resources would be better allocated to other water quality parameters. Consequently the STORET parameter codes listed in Table E never generated graphical plots. It is important to note, however, that these parameters are included in all other aspects of the project, including all applicable period of record, annual, and seasonal descriptive statistics tables.

Table E. Frequently Measured STORET Codes That Were Prevented From Generating Plots	
STORET Parameter Code	**STORET Parameter Description**
00003	Sampling Station Location, Vertical (Feet)
00010	Water Temperature (Degrees Centigrade)
00020	Temperature, Air (Degrees Centigrade)
00021	Temperature, Air (Degrees Fahrenheit)
00025	Barometric Pressure (MM of HG)
00032	Cloud Cover (Percent)
00035	Wind Velocity (Miles Per Hour)
00036	Wind Direction in Degrees from Trun N (Clockwise)
00040	Wind Direction (Azimuth)
00045	Precipitation, Total (Inches Per Day)
00046	Precipitation, Total (Inches Per Week)
00052	Humidity, Relative (Percent)
00061	Stream Flow, Instantaneous (CFS)
00065	Stream Stage (Feet)
81903	Depth of Bottom of Water @ Sample Site (Feet)
82553	Rainfall In 1 Day Inclusive Prior to Sample (Inches)
82554	Rainfall In 7 Days Inclusive Prior to Sample (Inches)
82371	Rainfall In 3 Days Inclusive Prior to Sample (Inches)
82372	Rainfall In 14 Days Inclusive Prior to Sample (Inches)
85599	Precipitation, Total/Period-Rain Equivalent (Cm/Sample)

Observations/Period of Record Screen

Despite never plotting water temperature, stage, discharge, and meteorological measurements, the number of plots generated by some parks still exceeded the 100 plot limit. Also, some rationale was needed to plot only those parameters with sufficient data density to make a meaningful statistical graphic. For example, time series plots comprised of only a few observations or annual or seasonal box-and-whiskers plots with limited observations and/or data in only one or two years or seasons are not very informative. Consequently, a number of plotting criteria were developed to limit the number of time series and box-and-whiskers plots to, at most, 100 informative graphics by using each parameter's number of observations and period of record. Similar, albeit less stringent criteria, were used for including results of annual and seasonal analyses in descriptive statistics tables. Consequently, there are more summaries of annual and seasonal results in tables than in graphics. Whenever an entry in an annual or seasonal table generated a plot, this entry was footnoted to notify the reader of the presence of the graphic. Due to differing quantities of data at parks, different screening criteria were employed. The same

criteria for appearance in seasonal and annual tables were used for all parks. Table F presents the least stringent plot screens.

Table F. Least Stringent Plot Screening Criteria Used to Limit the Number of Plots Generated

Time Series: To generate a time series plot, a station/parameter combination must have a period of record of at least 2 years and a total of at least 8 observations. Annual Analysis: To generate an annual box-and-whiskers plot, a station/parameter combination must have at least 9 observations in each of at least 4 years. The years do not have to be consecutive. Seasonal Analysis: To generate a seasonal box-and-whiskers plot, a station/parameter combination must have at least 9 observations in each of 2 seasons and a period of record of at least 6 years and observations in at least 3 of the 6 years. The years do not have to be consecutive.

The exact three plot screens used varied by park unit and are documented in the Overview section of the Water Quality Results chapter. If your park's plotting criteria deviated from these least stringent criteria, it is because too many plots would have been generated using these criteria.

The criteria used for appearance of station/parameter combinations in annual and seasonal analysis tables are presented in Table G. These tabular criteria, which are actually the least stringent plotting criteria, were constant from park to park.

Table G. Criteria Used for Generating Entries in Annual and Seasonal Analysis Tables

Annual Analysis: For an entry to appear in an annual table, a station/parameter combination must have at least 9 observations in each of at least 4 years. The years do not have to be consecutive. Seasonal Analysis: For an entry to appear in a seasonal table, a station/parameter combination must have at least 9 observations in each of 2 seasons and a period of record of at least 6 years and observations in at least 3 of the 6 years. The years do not have to be consecutive.

Statistical Definitions

Since this report is intended only to characterize historical and/or existing water quality at the park rather than address specific water quality problems, only simple descriptive statistics are presented. Inferential and non-parametric statistical analysis to examine relationships and trends were beyond the scope of the study. The complete water quality dataset is provided on disk accompanying this report to afford the opportunity for more detailed exploratory data analysis. The descriptive statistics are included in the inventory, annual, and seasonal tables. Table H provides a brief definition of each descriptive statistic provided for each parameter at a station.

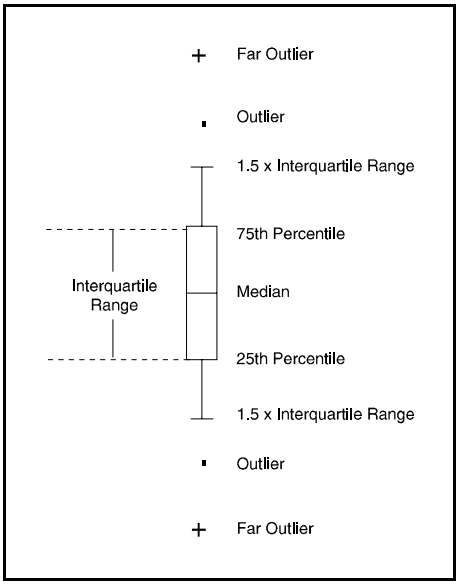
Table H. Definition of Descriptive Statistics Contained in Inventory, Annual, and Seasonal Tables

Observations:	The number of samples collected.
Median:	The median is the 50th percentile or the value in a dataset sorted in ascending order that exceeds 50% of all observations, yet is also exceeded by the remaining 50% of all observations.
Mean:	The sum of all observations collected divided by the number of observations.
Maximum:	The maximum value observed.
Minimum:	The minimum value observed.
Variance:	This is a measure of variability or dispersion of the observations; or, in other words, describes how many observations are close (or far), from the mean. It is calculated as the weighted average of the squared deviations from the mean.
Standard Deviation:	The positive square root of the variance.
10th Percentile:	The value in a dataset sorted in ascending order that exceeds 10% of all observations, yet is itself exceeded by the remaining 90% of all observations.
25th Percentile:	The value in a dataset sorted in ascending order that exceeds 25% of all observations, yet is itself exceeded by the remaining 75% of all observations. The 25th percentile is also known as the first quartile.
75th Percentile:	The value in a dataset sorted in ascending order that exceeds 75% of all observations, yet is itself exceeded by the remaining 25% of all observations. The 75th percentile is also known as the third quartile.
90th Percentile:	The value in a dataset sorted in ascending order that exceeds 90% of all observations, yet is itself exceeded by the remaining 10% of all observations.

As with the tabular descriptive statistics, the scope of the project limited the generation of exploratory graphics to time series plots and annual and seasonal box-and-whiskers plots. Plots were only generated, however, provided the parameter met or exceeded the relevant plotting criteria specified in the previous section.

Time series plots display the parameter concentration on the Y-axis and the date on the X-axis. This provides the user with a visual feeling for not only the parameter's concentration and variability over time, but also the density of data in different time periods. The time series plots provide a visual representation of the data in the basic station inventory. Due to software limitations, a line connects each measured value in sequence regardless of the time period between samples. Readers are cautioned not to assume that the concentration of the parameter between any two data points can be represented by a straight line. It is likely that the concentration varied between any two observations, particularly if the observations are separated by a significant time period.

The annual and seasonal box-and-whisker plots provide a graphical overview of the measured data and give the user a better understanding of the data's distribution and possible outliers. In essence, the box-and-whisker plots provide a visual representation of the data contained in the annual and/or seasonal tables. The interpretation of the boxes is provided in the figure to the right. Each box encompasses the middle 50 percent of measured values (from the 75th to 25th percentiles). The difference between the 75th and 25th percentiles is also known as the interquartile range. The horizontal line inside each box is the median or 50th percentile. The lines which extend out from each end of the box are the whiskers. The whiskers extend out from first quartile (25th percentile) and third quartile (75th percentile) to the smallest data point within 1.5 interquartile ranges from the first and third quartiles. Observations that extend beyond the whiskers are known as outliers. Far outliers are observations whose values lie more than three interquartile ranges below the first quartile or above the third quartile. These are designated with plus signs.



INTERPRETIVE GUIDE

TO WATER QUALITY RESULTS

This interpretive guide discusses each of the products presented in the next chapter - Water Quality Results. This chapter highlights how each of the tables and figures were prepared and how they can be used. Each subheading in this chapter corresponds to a particular product in the subsequent Water Quality Results chapter.

Overview

The Overview provides a brief one-page summary of the results of the various database retrievals for both the study area and the park. The study area results include the park results since the study area encompasses the park and all lands and waters within at least 3 miles upstream and 1 mile downstream of the park. Thus, the GIS estimated acreage of the study area should always be greater than the park acreage. The park acreage was computed from the digital boundary that was obtained for the park. More than likely this acreage will differ, perhaps significantly, from the "official" published acreage for the park due to the spatial and temporal accuracy of the digital boundary, treatment of inholdings, and other concerns. The number of STORET stations is the number of locations within the study area and park where an agency monitored (or intended to monitor) water quality. The number of stations with no data reveals the number of stations created in STORET for which water quality data were never entered. The number of stations with no statistical analysis reports the number of stations in the study area and park that contain data not amenable to normal parametric statistics. The number of longer term stations indicates the number of stations in the study area and park with at least 6 parameters having periods-of-record extending 2 years with an average of at least 1 observation per year over the period-of-record. The date of STORET retrieval is the calendar date when Horizon Systems downloaded all the data from STORET. Thus, the report documents all data entered in STORET prior to the retrieval date. Keep in mind that an agency can upload archival data at any time. Consequently, a retrieval date only guarantees that as of that date, this report contains all the data that had been entered into STORET. The period of record is the earliest date for which water quality data exist in STORET for the study area and park up to the date when the most recent data were entered prior to the retrieval date. The number of parameters measured is the number of unique water quality parameters measured within the study area and park and entered in STORET. The number of water quality observations is the sum of the total number of observations across all parameters within the study area and park. The number of industrial/municipal facilities discharges, drinking water intakes, water gages, and water impoundments are the number of each of these entities found within the study area and park. The number of time series, annual, and seasonal plots are the number of these different types of graphics produced by station/parameter combinations within the study area and park using the plotting criteria described in the previous chapter. The hydrologic seasons, described below, are the seasons used for the seasonal water quality data analysis. The time series, annual, and seasonal criteria are the plot and tabular screening criteria described in the previous chapter.

Regional Location Map

The Regional Location Map provides a small scale, general representation of the park and study area location within the United States. Digital, reproducible copies of this graphic are included on the disk(s) accompanying this report.

Water Quality Monitoring Locations Map(s)

The Water Quality Monitoring Locations Map(s) usually provides a larger scale representation of the park and study area than the Regional Location Map. This map indicates the locations within the study area where water quality has been monitored and the data entered into STORET. The water quality monitoring stations are labelled sequentially with the rightmost significant digits. The station names were assigned in numerically ascending order by latitude (for parks with a greater north-south extent than east-west) or longitude (for parks with a greater east-

west extent than north-south). Thus, this map serves as a visual index to the water quality data contained in the report. Since the 1:100,000 scale hydrography (from the River Reach File Ver. 3.0 or other sources) is displayed on the map, users can refer to the map to locate the station number on the reach in which they are interested and then find the appropriate section in the report that documents the water quality at that station. If the scale allows, USGS catalog units are also displayed on the map to provide an approximation of drainage basins. More than one Water Quality Monitoring Location map may be presented if the scale requires breaking the area into multiple maps for legibility. If multiple maps are necessary, an index map showing the geographic extent of each sub-map or panel will be present. Digital, reproducible copies of this graphic are included on the disk(s) accompanying this report. The digital, geo-referenced data files documented in Appendices A and B will allow the park to create water quality monitoring stations as a coverage in their GIS.

Dischargers, Drinking Intakes, Gages, and Impoundments Map(s)

The Dischargers, Drinking Intakes, Gages, and Impoundments Map(s) displays the same information as the Water Quality Monitoring Location Map(s) except the water quality stations are replaced by industrial/municipal facilities discharges, drinking water intakes, active and inactive gage locations, and water impoundments. This map also serves as a visual index allowing the user to determine the identification code of each discharger, drinking intake, gage, or impoundment. This number can then be used to obtain additional information about the entity on the following page of the report or to refer to the more detailed database files accompanying the report on disk. These more detailed database files are geo-referenced (See Appendices A and B), thus allowing the park to create these coverages in their GIS. More than one Dischargers, Drinking Intakes, Gages, and Impoundments map may be presented if the scale requires breaking the area into multiple maps for legibility. If multiple maps are necessary, an index map showing the geographic extent of each sub-map or panel will be present. Digital, reproducible copies of this graphic are also included on the disk(s) accompanying this report.

Industrial Facilities Discharges, Drinking Water Intakes, Water Gages, and Water Impoundments Table

This table provides some additional information about each of the discharges, drinking intakes, water gages, and water impoundments displayed on the previous map(s). This information generally includes the site identification number; the station or facility name; an address or some other indication of location; and some other pertinent information. More detailed information about each of these entities is contained in the database files on disk accompanying the report (See Appendices A and B).

Representative Mean Annual Hydrograph for Seasonal Analysis

One component of the water quality data analysis contained in the document is a seasonal analysis of the data (where adequate data exist). In order to undertake this analysis, some representation of the park's seasons was required. Seasons can be based on many factors (eg. hydrologic, climatic, recreational use, etc.). Since project resources did not allow us to contact every park and discuss with resource management staff what appropriate seasons may be for the park, WRD staff elected to adopt primarily a hydrologic/climatic definition of the seasons which uses a process of hydrograph separation to glean seasons from stream discharge patterns. The procedure employed to make these determinations was as follows:

(1) Find the nearest USGS Hydro-Climatic Data Network (HCDN) station (U.S. Geological Survey 1992) to the park that is most representative of streamflow conditions at the park. The HCDN is basically a subset of USGS streamflow stations, including only those stations that are unaffected by artificial diversions, storage, or other disruptions of the natural channel. All HCDN stations generally have at least a 20 year period of record. Consequently, discharge patterns at these stations should reflect only hydrologic and climatic influences. For the most part, selected HCDN sites were typically within 15-20 miles of the park. In some parks where WRD staff were aware of the existence of a stream gage located within the park that would be more representative of park waters even though it wasn't an HCDN site, this gage was selected.

(2) Retrieve the daily discharge values for the selected station from the USGS Daily Values File and generate a mean annual hydrograph and a box-and-whiskers plot of daily flows by month.

(3) Interpret the plots based on our knowledge of the hydrologic regime at these parks and assign seasons.

This approach, used for the majority of parks, assumes that most water quality data at the park will be found in streams and that the discharge pattern of the selected stream is representative of the seasons for all park waterbodies. Although this assumption may be weak for certain parks, project resources did not allow a more thorough investigation. For parks where there wasn't any stream gage (HCDN or otherwise) deemed representative of park waters, precipitation records from a nearby meteorological station were obtained from the National Climatic Data Center. Plotting daily average precipitation and box-and-whiskers of monthly precipitation sums allowed WRD hydrologists to make a rough approximation of climatic seasons for use in analyzing the water quality data.

Again, it is important to note the many ways of defining "seasons" and thus the limitations of the seasonal analysis contained in this document. For certain parks it may be more useful to perform a seasonal analysis with seasons defined by recreational use patterns or some other natural or anthropogenic factor. This option is available to the park since all the water quality data analyzed in this document is contained on disk(s) accompanying this report. Digital, reproducible copies of this seasonal analysis graphic are also included on the disk(s) accompanying this report.

Contacts for Agency Codes Retrieved

This table provides a list of the organizations who have entered data into STORET. A contact name at the organization and a phone number are also supplied. The agency code in the first column is the key for identifying which stations belong to that agency. This code will appear in the first line of each station's inventory. Although the agencies listed in this table are potential partners for future water quality monitoring or management endeavors, don't be surprised if the name of the contact and/or the telephone number is out of date. This information is entered when an agency first creates a station. The agency may not update this information when the initial contact moves on or the telephone number changes. Nonetheless, it is likely that the contact or someone else at the agency may be able to provide you with project reports or other information relative to the agency's data. A digital copy of this table accompanies this report on disk (See Appendices A and B).

Quantity of Data Retrieved by Agency Code

This table displays the period-of-record; numbers of water quality stations, longer-term stations, and stations without data; total number of water quality observations; and the number of unique water quality parameters measured by each agency within the study area and park boundary. Using this table, a park can quickly determine which agencies collect the most data in and around the park and whether they have monitored recently. A digital copy of this table accompanies this report on disk (See Appendices A and B).

Station Period of Record Tabulation

The Station Period of Record Tabulation provides a quick overview of the names of all the stations within the study area where water quality has been monitored and data entered into STORET. It also furnishes the total number of observations taken at each station and the frequency of observations between certain dates: (1) 01/01/85 until the most recent date data were measured; (2) 01/01/75 - 12/31/84; and (3) prior to 01/01/75. The station identification number, the four character park abbreviation code followed by a four digit number, provides the means to jump from a particular station in the table to the statistical and graphical analyses for this station contained in the Station-By-Station Results section. The Station Period of Record Tabulation reveals which water

quality stations were situated within the park as defined by the park's GIS boundary. The Station Period of Record Tabulation also footnotes longer-term water quality stations. Longer-term stations are those that have at least 6 parameters with an average of one or more observations per year for those parameters during a period of record extending at least two years. Note that although a station may not be flagged as longer-term, it can still harbor much important data (albeit for only a few parameters or over a very long term with just a few observations). A digital copy of this table accompanies this report on disk (See Appendices A and B).

Parameter Period of Record Tabulation

The Parameter Period of Record Tabulation provides a complete listing of every water quality parameter ever measured in the study area and entered into STORET. This table is a summation of all the water quality observations for each parameter across all stations in the study area. Like the Station Period of Record Tabulation, the total number of observations for each parameter and the frequency of observations between: (1) 01/01/85 until the most recent date data were measured; (2) 01/01/75 - 12/31/84; and (3) prior to 01/01/75 are provided. This table is handy for quickly assessing whether particular parameters have been measured in the study area. The Parameter Period of Record Tabulation also shows how many in-park (and total) water quality stations contained data for each parameter. Some administrative parameters and parameters not suitable for statistical analysis within the context of this project (as discussed in the Screening Methodologies and Procedures section of the Methodology chapter) are listed in the Parameter Period of Record Tabulation, but not in the Station-By-Station Results section. A digital copy of this table accompanies this report on disk (See Appendices A and B).

Station/Parameter Period of Record Tabulation

The Station/Parameter Period of Record Tabulation combines the information found in the Station Period of Record Tabulation and the Parameter Period of Record Tabulation. This table provides a listing of all the stations where a particular water quality parameter was measured in the study area and the data entered into STORET. The table provides the start and end dates of the period of record of each parameter at each station; the number of years of measurement (computed from the start and end dates); whether the station/parameter combination occurred within the park boundary; the total number of observations for each parameter at each station, and whether a time series (T), annual (A), and/or seasonal (S) plot was generated for the station/parameter combination in the Station-By-Station Results section. This table is very useful when you need to determine at which locations within the study area (or park) particular parameters were monitored and how much data was collected there. Some administrative parameters and parameters not suitable for statistical analysis within the context of this project (as discussed in the Screening Methodologies and Procedures section of the Methodology chapter) are listed in the Station/Parameter Period of Record Tabulation, but not in the Station-By-Station Results section. A digital copy of this table accompanies this report on disk (See Appendices A and B).

Station-By-Station Results

Probably the most voluminous portion of the document is the Station-By-Station Results. Here the results of the water quality analyses for each station are presented in sequence. The results include the station inventory; parameter inventory; EPA water quality criteria analysis; and, as applicable, time series graphics and annual and seasonal tables and box-and-whiskers graphics. Each of these products are discussed below.

Station Inventory for Station

Each station's data commences with its Station Inventory. The Station Inventory provides the descriptive attributes about each water quality monitoring station contained in STORET. This includes a variety of locational information such as a verbal description, the Federal Information Processing codes for county and state, latitude and longitude, and other items; the station type (stream, spring, estuary, etc.); monitoring agency; creation date; indices to the River Reach File; whether the station lies within the park boundary; and several other attributes. This water quality station location data is also contained on disk(s) accompanying the report (See Appendices A and B).

Parameter Inventory for Station

Following the descriptive attributes about a station is the Parameter Inventory for the station. The Parameter Inventory provides a complete inventory and descriptive summary of all the water quality parameter data for the station. This table furnishes the parameter STORET code and name; the period of record for this parameter at this station; and the descriptive statistics defined in the Statistical Definitions in the previous chapter. Three different footnotes can appear on a parameter's descriptive statistics. Two asterisks (**) in the 10th, 25th, 75th, or 90th percentile columns indicates that there was insufficient data to compute these statistics for this parameter. Percentiles were not computed unless the parameter had at least 9 observations. Two number signs (##) next to the number of observations indicates that more than 50 percent of the observations entered into the computations as values that were taken to be half the detection limit. Caution should be employed in interpreting and using statistical results when more than half the values are set to half the detection limit. The letter "p" following a numeric STORET parameter code in the Parameter Inventory indicates that a time series plot was produced for this parameter at this station. Digital, reproducible copies of the Parameter Inventory tables are contained on the disk(s) accompanying this report.

Two downloaded parameter groups, pH and bacteriological, received special treatment whenever descriptive statistics were computed in the Parameter Inventory (as well as subsequent annual and seasonal tables). Whenever pH appears in a descriptive statistics table, the entry is increased to 3 entries: (1) the original pH entry; (2) pH computed from conversion to and from $\mu eq/l\ H^+$; and (3) $\mu eq/l\ H^+$. The reason for these conversions is that pH is actually the negative logarithm of the hydrogen ion concentration. To be technically correct in computing descriptive statistics, pH values must be converted to $\mu eq/l\ H^+$ (Kunkle and Wilson 1984). Once the descriptive statistics are computed using the pH values expressed as $\mu eq/l\ H^+$, the results can be converted back to pH. The three pH entries in the descriptive statistics table will all have the same STORET code.

Whenever a bacteriological parameter appears in a descriptive statistics table, the entry is increased to 3 entries: (1) the original bacteriological entry; (2) an entry computed using the log of each measured value; and (3) an entry that simply reports the geometric mean. The reason for converting to logs and displaying the geometric mean is convention. Bacteriological water quality standards typically reference the geometric mean rather than the arithmetic. The three bacteriological entries in the descriptive statistics tables will all have the same STORET code.

EPA Water Quality Criteria Analysis for Station

The EPA Water Quality Criteria Analysis table follows the Parameter Inventory. This table presents a comparison between the station's STORET water quality data and applicable national water quality criteria for freshwater and marine aquatic organisms; drinking water; and other concerns. Comparison against applicable State water quality criteria was not feasible given project resources. Appendix F provides the relevant national EPA water quality criteria values. In most cases, the EPA water quality criteria values are single sample concentrations that can be directly compared to single sample STORET entries. There are, however, two notable exceptions to this single sample/single value comparison: ammonia and fecal-indicator bacteria. For these two parameters, criteria are either derived from or depend on the results of other chemical characteristics of the water or require a time series statistical treatment of multiple samples to determine whether the criterion has been exceeded. The EPA ammonia criterion is pH and temperature dependent. To calculate the criterion for each ammonia sample value was beyond

the scope of this project. Consequently, ammonia criteria were not included in Appendix F or the EPA Water Quality Criteria Analyses. Un-ionized ammonia criteria can be determined from formula table values included in the EPA Silver Book (Environmental Protection Agency 1995).

For the purposes of this project, fecal-indicator bacteria data were flagged as exceeding criteria when their concentrations exceeded 200, 1000, 126, and 33 (fresh)/35 (salt) colony forming units or most probable number for single samples of fecal coliform, total coliform, E. coli, and enterococci, respectively. These values represent only approximations of the criteria for primary contact recreation waters where criteria are typically expressed in terms of a geometric mean computed with no less than 5 samples during a given month. When a fecal-indicator bacterial observation exceeds a criterion in the EPA Water Quality Criteria Analysis section, the reader should refer to the corresponding geometric mean calculations in the preceding Parameter Inventory. Long-term geometric means that exceed the respective water quality criteria for multiple samples are more indicative of chronic bacteriological problems than single sample values.

Water quality observations carrying non-detection or below-detection limit remark codes (K, T, and U) required special treatment in the EPA Water Quality Criteria Analysis. As with the statistics in the Parameter Inventory, half the detection limit was the value used in the EPA Water Quality Criteria Analysis. For certain observations, however, half the detection limit may exceed a water quality criterion. For those observations it would be inappropriate to classify them as exceeding a criterion since the actual value wasn't known. Thus, it was decided that any below detection limit or non-detect observations that exceed a water quality criterion using half the detection value would be excluded from the EPA Water Quality Criteria Analysis. If non-detect or below detection limit values are excluded from the EPA Water Quality Criteria Analysis for a particular parameter, the total observations for that parameter will be footnoted with an ampersand (&). This will also explain the difference between the total observations in the Parameter Inventory and the EPA Water Quality Criteria Analysis. Non-detect or below detection limit values are included in the EPA Water Quality Criteria Analysis, however, if half the detection limit doesn't exceed the parameter's criterion.

The EPA Water Quality Criteria Analysis for each station lists the parameter; the standard type and value; the total number of observations for the parameter at this station; the number of observations that exceeded the standard value; and the proportion of observations that exceeded the standard value. Water quality observations are considered as having exceeded a criterion regardless of whether the criterion represents a maximum acceptable value or a minimum acceptable value. The table also breaks down the water quality criteria analysis on a seasonal basis to allow the reader to discern whether parameter observations tend to exceed criteria during only certain seasons or year round. Although the EPA Water Quality Criteria Analysis table is a good starting point for assessing potential water quality problems at the station, the reader is strongly encouraged to read the caveat section in the Introduction concerning drawing conclusions about water quality problems from this table. Digital, reproducible copies of these tables accompany the report on disk (See Appendices A and B).

Time Series Plots for Station

Following the EPA Water Quality Criteria analysis will be any Time Series Plots for each parameter that met the time series plot screening criterion selected for the park unit. If a time series plot is generated for a particular parameter at a station, a "p" will appear next to the STORET parameter code in the Parameter Inventory. If no time series plots are present for the particular station, the data did not meet the time series screening criterion listed in the Overview section of the Water Quality Results chapter. The x-axis on these plots is the period of record, listing only the 2-digit calendar year for clarity (i.e. 1983 is presented as 83). The y-axis is the concentration of the selected parameter in its measurement units. In general, the units for a given parameter are given either on the y-axis or in the parameter description in the subtitle of the graph. Subtitle and/or y-axis parameter descriptions may be truncated on the plots so as to not exceed the maximum number of plotting characters. Y-axis values less than zero are sometimes shown for better representation of the entire plot. The station identification code, parameter description, and parameter STORET code are presented in the main title. The footnote provides a descriptive location name. Observations on the plot are represented as squares. Lines are drawn connecting each successive observation. As mentioned previously in the Statistical Definitions section of the Methodology chapter, the interconnecting line is drawn only for ease of reading and provides no indication of what the actual parameter

values were between the two observed measurements. Digital, reproducible copies of all time series plots accompany the report on disk (See Appendices A and B).

For time series plots of pH, the original pH values are plotted. For time series plots of bacteriological data, the log of the measured value is plotted. Hence, the y-axis of a time series plot for bacteriological parameters is log-linear.

Annual Analysis for Station

If more than 9 observations exist in each of at least 4 years for a particular parameter at a station, an Annual Analysis table will be generated. Entries will be made in the table for each parameter having more than 9 observations in each of at least 4 years. The Annual Analysis presents the same descriptive statistics as the Parameter Inventory table, except that it provides the statistics by year, rather than the entire period of record. Although some of the years may not contain 9 observations, these years still have an entry in the table. A parameter needs only to have 9 observations in any 4 years of its period of record to qualify for the Annual Analysis table. Like the Parameter Inventory, percentiles with fewer than 9 observations are not computed and entries computed with greater than 50 percent of the data values set to half the detection limit are flagged. Entries in the Annual Analysis table that also meet the annual analysis box-and-whisker plot screening criterion will be flagged with a "p" next to the STORET code. Digital, reproducible copies of these tables accompany the report on disk (See Appendices A and B).

Annual Box-and-Whiskers Plots for Station

Entries in the Annual Analysis table that meet the annual box-and-whisker plot screening criterion will generate Annual Box-and-Whiskers Plots. The interpretation of box-and-whiskers plots is explained in the Statistical Definitions section of the Methodology chapter. A box is generated for each year of the period of record, even if less than 9 observations were recorded in the year. The axis labeling and plot titling is the same as for the time series plots. Digital, reproducible copies of these graphics accompany the report on disk (See Appendices A and B).

For annual box-and-whiskers plots of pH, μeq/l H^+ are plotted. For annual box-and-whiskers plots of bacteriological data, the log of the measured value is plotted. Hence, the y-axis of an annual box-and-whiskers plot for bacteriological parameters is log-linear.

Seasonal Analysis for Station

As explained above, a park's hydrologic seasons for seasonal water quality analysis were determined using a process of hydrograph separation and other techniques. If a parameter has more than 9 observations in each of 2 seasons with a period of record of at least 6 years and observations in at least 3 of the 6 years, a Seasonal Analysis table will be generated for the station. The Seasonal Analysis presents the same descriptive statistics as the Parameter Inventory table, except that it provides the statistics by season, rather than the entire period of record. Although certain parameters for a season at a station may not contain 9 observations, these parameters can still have an entry in the table. A parameter needs only to have 9 observations in each of 2 seasons with a period of record of at least 6 years and observations in at least 3 of the 6 years to qualify for the Seasonal Analysis table. Consequently, some of the parameters could have fewer than 9 observations in a particular season but still generate a table entry. Like the Parameter Inventory and Annual Analysis, percentiles with fewer than 9 observations are not computed and entries computed with greater than 50 percent of the data values set to half the detection limit are flagged. Entries in the Seasonal Analysis table that also meet the seasonal analysis box-and-whisker plot screening criterion will be flagged with a "p" next to the STORET code. Digital, reproducible copies of these tables accompany the report on disk (See Appendices A and B).

Seasonal Box-and-Whiskers Plots for Station

Entries in the Seasonal Analysis table that meet the seasonal box-and-whisker plot screening criterion will generate Seasonal Box-and-Whiskers Plots. The interpretation of box-and-whiskers plots is explained in the Statistical Definitions section of the Methodology chapter. A box is generated for each season of the period of record, even if less than 9 observations were recorded in the season. On the x-axis, the seasons are labeled 1 through the number of seasons defined for the park through hydrograph separation. The actual calendar dates that correspond to these numerically labeled seasons exist in the Overview section and the Seasonal Analysis tables in the Water Quality Results chapter. The axis labeling and plot titling are the same as for the time series and annual box-and-whiskers plots. Digital, reproducible copies of these graphics accompany the report on disk (See Appendices A and B).

For seasonal box-and-whiskers plots of pH, μeq/l H^+ are plotted. For seasonal box-and-whiskers plots of bacteriological data, the log of the measured value is plotted. Hence, the y-axis of a seasonal box-and-whiskers plot for bacteriological parameters is log-linear.

EPA Water Quality Criteria Analysis for Entire Park Study Area

This table essentially summarizes all the individual station-by-station EPA water quality criteria analyses in the study area. (Refer to the EPA Water Quality Criteria Analysis for Station section above for more detailed information on the treatment of special cases in the EPA Water Quality Criteria Analysis for Entire Park Study Area.) This table presents a comparison between the study area's STORET water quality data and applicable national water quality criteria for freshwater and marine aquatic organisms; drinking water; and other concerns. Comparison against applicable State water quality criteria was not feasible given project resources. Appendix F provides the relevant national EPA water quality criteria values. The EPA Water Quality Criteria Analysis for the Entire Park Study Area lists the parameter; the standard type and value; the total number of observations for the parameter at this station; the number of observations that exceeded the standard value; and the proportion of observations that exceeded the standard value. Water quality observations are considered as having exceeded a criterion regardless of whether the criterion represents a maximum acceptable value or a minimum acceptable value. The table also breaks down the water quality criteria analysis on a seasonal basis to allow the reader to discern whether parameter observations tend to exceed criteria during only certain seasons or year round. Although the EPA Water Quality Criteria Analysis for the Entire Park Study Area is a good starting point for assessing potential water quality problems at the park, the reader is strongly encouraged to read the caveat section in the Introduction before drawing conclusions about water quality problems from this table. A digital, reproducible copy of this table accompanies the report on disk (See Appendices A and B).

NPS Servicewide Inventory and Monitoring Program
Level I Water Quality Inventory Data Evaluation and Analysis (IDEA)

One of the objectives of this Baseline Water Quality Data Inventory and Analysis project is to perform an IDEA - an Inventory Data Evaluation and Analysis - to determine the presence and/or absence of Servicewide Inventory and Monitoring Program "Level I" water quality parameter groups in the park's study area. The Strategic Plan for Conducting Baseline Natural Resource Inventories in the National Park Service (National Park Service 1993) identified the basic water quality parameters displayed in Table I as the parameters that all parks must have for "key" waterbodies (determined on the basis of size, uniqueness, threats, etc.) within park boundaries. Since these parameters can be measured in different ways and with different units, there are multiple STORET codes associated with each parameter; hence the concept of parameter groups. The Strategic Plan distinguishes between those parameter groups required for all parks and parameter groups required only on a case-by-case basis.

The IDEA basically compares the parameters listed in the Parameter Period of Record Tabulation and Station/Parameter Period of Record Tabulation with the "Level I" Servicewide Inventory and Monitoring water quality parameter groups, listed in Table I and in Appendix G, and notes, not only the presence or absence of each parameter group, but the total number of observations for each parameter present in the group; the number of

observations between certain time periods; and the total number of stations within the study area at which the parameter was measured. The total number of different (unique) stations measuring parameters for the group is in parentheses on each parameter group's summary line.

The first page of the IDEA lists the missing Servicewide Inventory and Monitoring Program "Level I" groups. If a parameter group appears on this list, no data for any of the parameters defining the group (See Appendix G) was retrieved for it within the study area. So-called non-priority parameter groups may appear in the missing list. Non-priority parameters are park-specific parameters (case-by-case) which may not be applicable to your park. Consequently, if you believe a particular parameter, not included in IDEA (See Appendix G), to be important for your park, you will have to consult the Parameter and Station/Parameter Period of Record Tabulations to determine the presence or absence of this parameter for the park. Although considered a "Level I" parameter, biological data, obtained through rapid bioassessment or other means, is not considered in this report which deals specifically with surface water chemistry. Following the Missing Level I Group list is the Present Level I Group list which displays the summary results for each Servicewide Inventory and Monitoring "Level I" water quality parameter group that was found.

Table I. Basic "Level I" Water Quality Parameters Identified as Required and Optional By the Servicewide Inventory and Monitoring Program for "Key" Park Waterbodies

Required Parameter Groups:
(1) Alkalinity
(2) pH
(3) Conductivity
(4) Dissolved Oxygen
(5) Rapid Bioassessment Baseline (EPA/State protocols, involving fish and macroinvertebrates)
(6) Temperature
(7) Flow

Case-By-Case Parameters Groups:
(8) Toxic Elements
(9) Clarity/Turbidity
(10) Nitrate/Nitrogen
(11) Phosphate/Phosphorus
(12) Chlorophyll
(13) Sulfates
(14) Bacteria

The last page of the IDEA summarizes the information from the Missing and Present Level I Group lists. This page provides information on the temporal and spatial distributions of the data. Included in this table are the total number of observations for each parameter group; the number of observations since January 1, 1985; the percent of the total observations since January 1, 1985; the number of stations measuring each parameter group; the percent of the total number of stations with data measuring the parameter group; the number of observations per station with data; the period-of-record for this parameter group; and the average number of observations per year of the period-of-record.

In interpreting the results of the IDEA, the reader should first consult the Missing Level I Group list. For the parameter groups listed, there was no baseline water quality data within the study area entered in STORET. Consequently, these parameter groups could be a higher priority for data collection. It is important, however, to realize that data within these parameter groups may have been already collected but not entered into STORET. The resources for this project did not enable us to pursue thorough literature and file cabinet reviews to dredge up

every last iota of data. If data exists for certain Servicewide Inventory and Monitoring Program "Level I" water quality parameter groups in a park's file cabinet, it is the park's responsibility to factor that data into their IDEA. Consequently, the listing of a parameter group on the Missing "Level I" Group list is not a WRD endorsement to launch a study to collect these data. The IDEA is intended to simply note that no data exist for these parameter groups in STORET for the park. It is the park's responsibility to ascertain whether such data has already been collected by the park or other entities before embarking on a new study. In fact, in the future the WRD will require that any park study plan proposing to collect baseline water quality data show that they have consulted their Baseline Water Quality Data Inventory and Analysis report and searched in other locations (file cabinets, published literature, etc.) for the data they propose to collect. A similar interpretation springs from the Present "Level I" Group list. Insufficient data density in certain time periods for particular parameter groups is not necessarily cause for launching a new inventory and/or monitoring program. The park should still consult with other potential sources of data. Again, the IDEA is designed to provide only a quick check on data in STORET for the Servicewide Inventory and Monitoring Program "Level I" water quality parameter groups.

Water Quality Observations Outside STORET Edit Criteria for Park

STORET data entered after November 1983 were subjected to rudimentary edit/bounds checking for 190 common parameters (See the STORET Edit Criteria in Appendix C). None of the data entered into STORET prior to that time has been subjected to edit/bounds checking. Moreover, to maintain exact comparability with USGS WATSTORE data, WATSTORE data entered into STORET has never been subjected to the EPA edit/bounds checking. During the pilot test phase of this project, obviously incorrect data was identified from both USGS and other agency data in STORET. As a consequence, all data downloaded from STORET was filtered through the STORET edit criteria to identify parameter observation values that fall outside any edit criterion ranges. This section documents the station name, parameter, date, time, parameter value, agency, and STORET station name of every observation that fell outside the range of an edit criterion. Not all data falling outside an edit criterion are necessarily incorrect. Such data may represent unique or special conditions. Consequently, every observation falling outside a STORET edit criterion was scrutinized to determine, in our best professional judgement, whether the value was in the realm of possibility or obviously incorrect. Water quality observations that appeared to be obviously incorrect are marked with an "X" in the Disposition column of this table. These values were not retrieved or included in any of the inventory tables or graphs. Water quality values outside a STORET edit criterion but within the realm of possibility were retained and included in inventory tables and graphs. The Water Quality Observations Outside STORET Edit Criteria for Park table documents all values that were outside an edit criterion range. This documentation is also necessitated by the fact that agencies can override the STORET edit criteria for individual observations. Although the edit criteria eliminate some potentially "bad" data from the report, the probability of other incorrect data, for both the 190 parameters that are edit/bound checked and all the other STORET parameters that aren't error checked, is high. Readers should consult the Caveat section in the Introduction for guidelines on the use and interpretation of STORET data. The responsibility for correcting these observations rests with the collecting agency.

WATER QUALITY RESULTS

OVERVIEW FOR CHCH

Study Area Boundary Description

The study area includes the park and all areas within at least 3 miles upstream of the park unit boundary and at least 1 mile downstream.

	Study Area	Park
GIS Estimated Acreage:	292181	8221
# STORET Stations:	463	9
# Stations With No Data:	5	0
# Stations With No Stat. Analysis:	1	0
# Longer Term Stations:	59	0
Date of STORET Retrieval:	09/02/99	09/02/99
Period of Record:	09/18/57-12/15/98	10/13/67-12/16/92
# Parameters Measured:	1000	37
# Water Quality Observations:	173132	277
# Industrial/Municipal Facilities:	60	0
# Drinking Water Intakes:	5	0
# Water Gages:	27	1
# Water Impoundments:	10	0
# Total Plots:	116	0
# Time Series:	70	0
# Annual:	21	0
# Seasonal:	25	0

Hydrologic Definition of Seasons:

1. June 1 - October 31
2. November 1 - February 29
3. March 1 - May 31

Time Series Plot Criteria:

To be included in the time series plots, a station/parameter combination must have at least 18 years and at least 104 observations.

Annual Analysis Criteria:

To be included in the annual box-and-whisker plots, a station/parameter combination must have at least 9 observations in each of at least 15 years.

To be included in the annual analysis tables, a station/parameter combination must have at least 9 observations in each of at least 4 years.

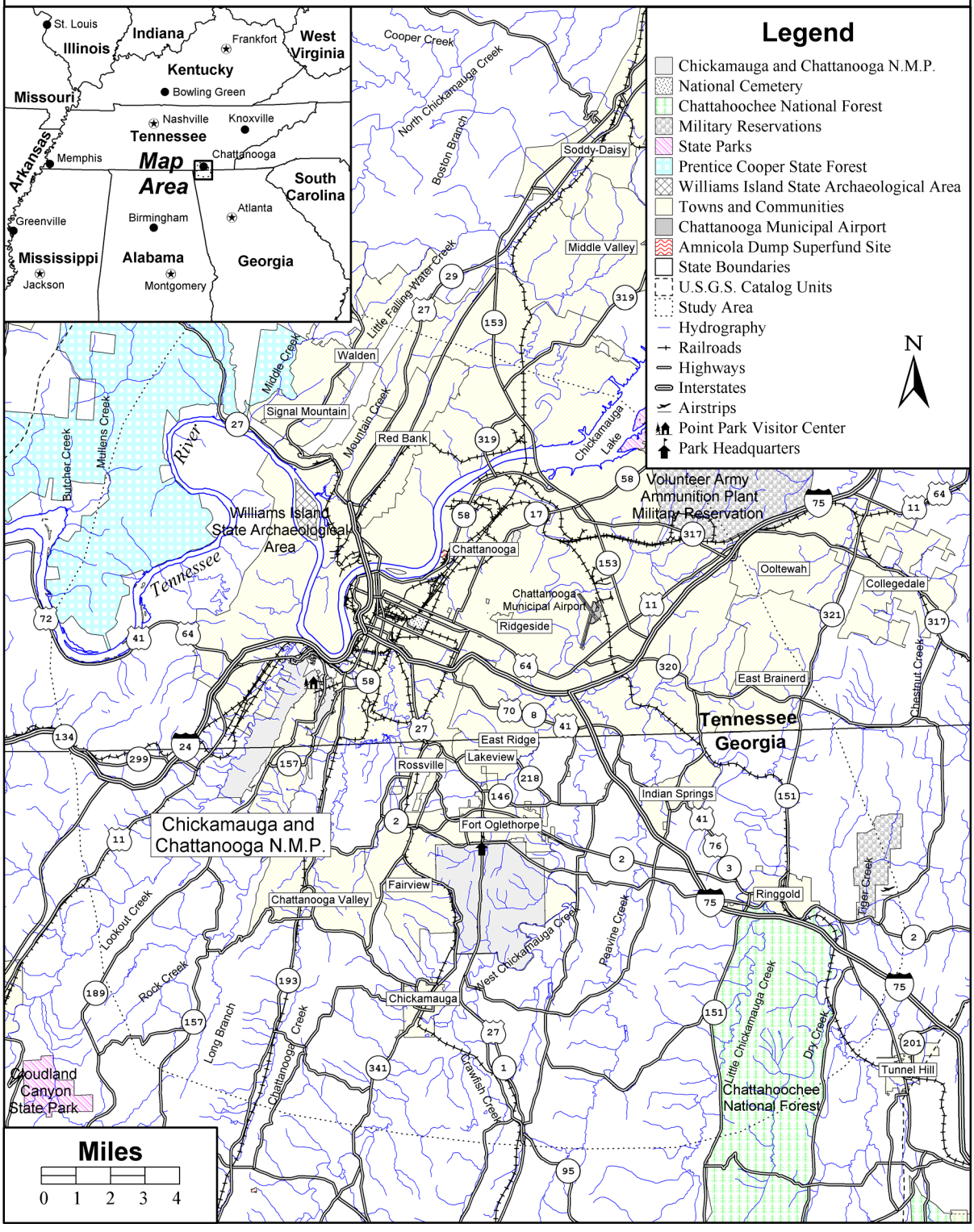
Seasonal Analysis Criteria:

To be included in the seasonal box-and-whisker plots, a station/parameter combination must have at least 9 observations in each of 2 seasons and a period of record of at least 22 years and observations in at least 4 of the 22 years.

To be included in the seasonal analysis tables, a station/parameter combination must have at least 9 observations in each of 2 seasons and a period of record of at least 6 years and observations in at least 3 of the 6 years.

Chickamauga and Chattanooga N.M.P.

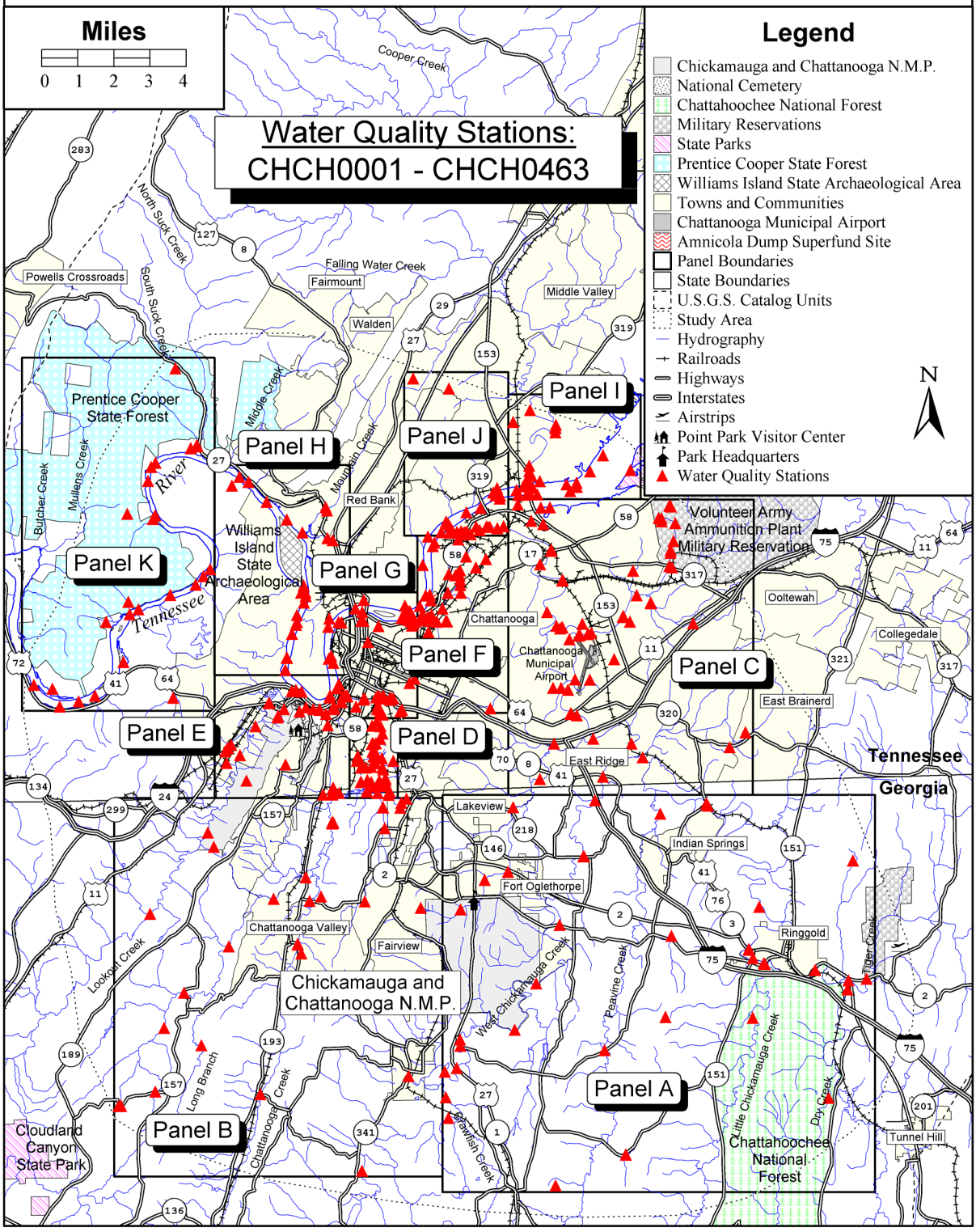
Regional Location Map



Chickamauga and Chattanooga N.M.P.

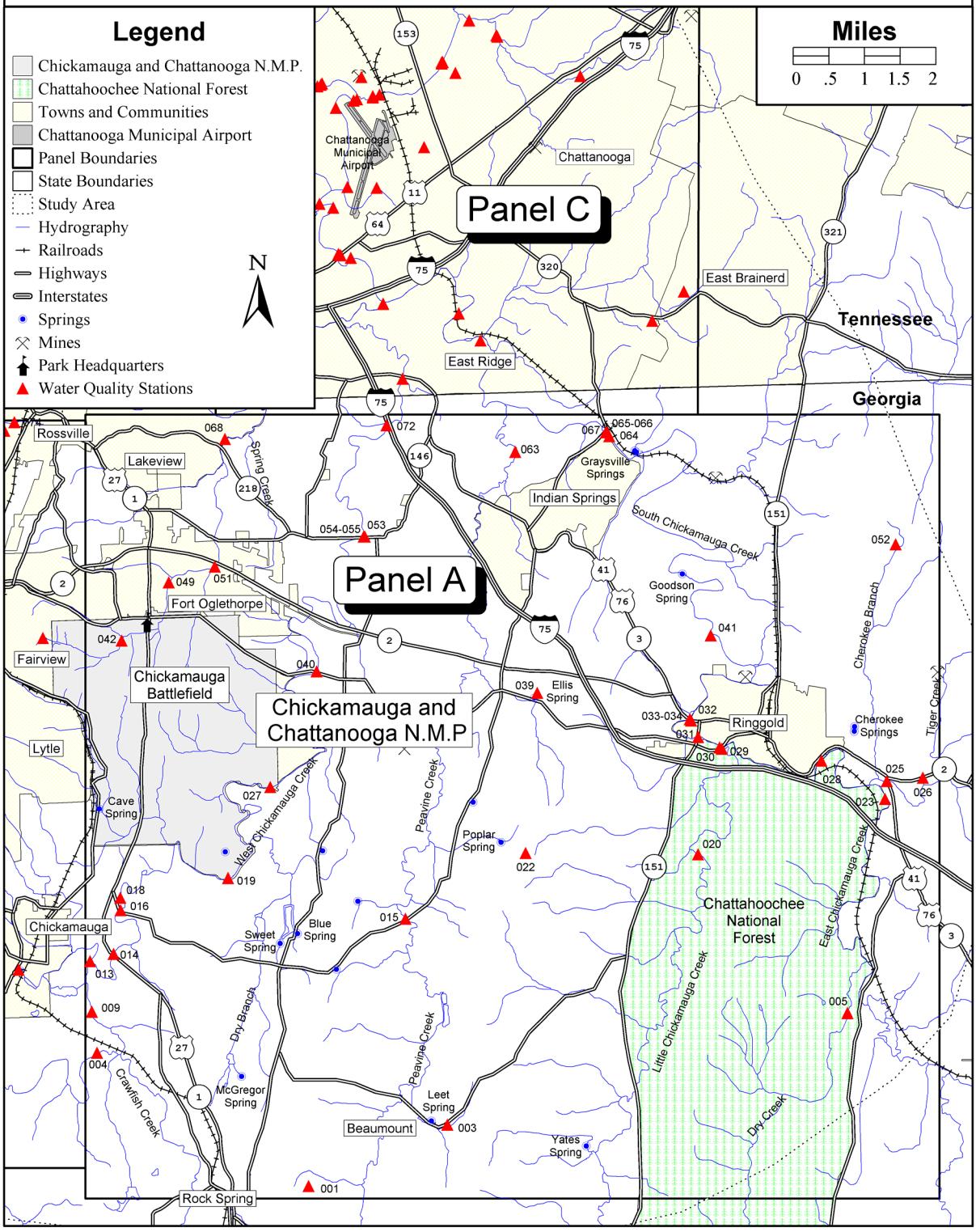
Water Quality Monitoring Locations

Graphic Panel Index



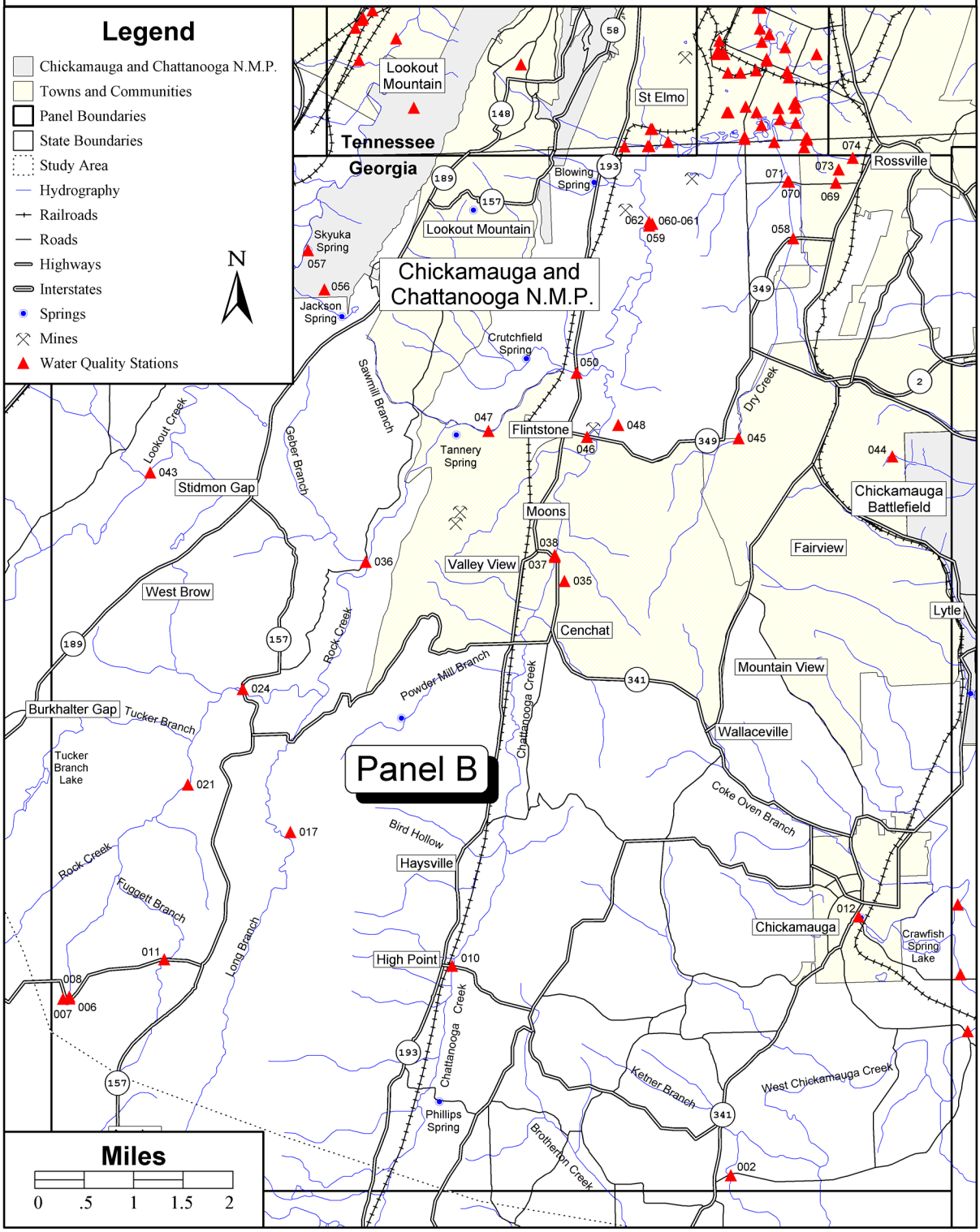
Chickamauga and Chattanooga N.M.P.

Water Quality Monitoring Locations



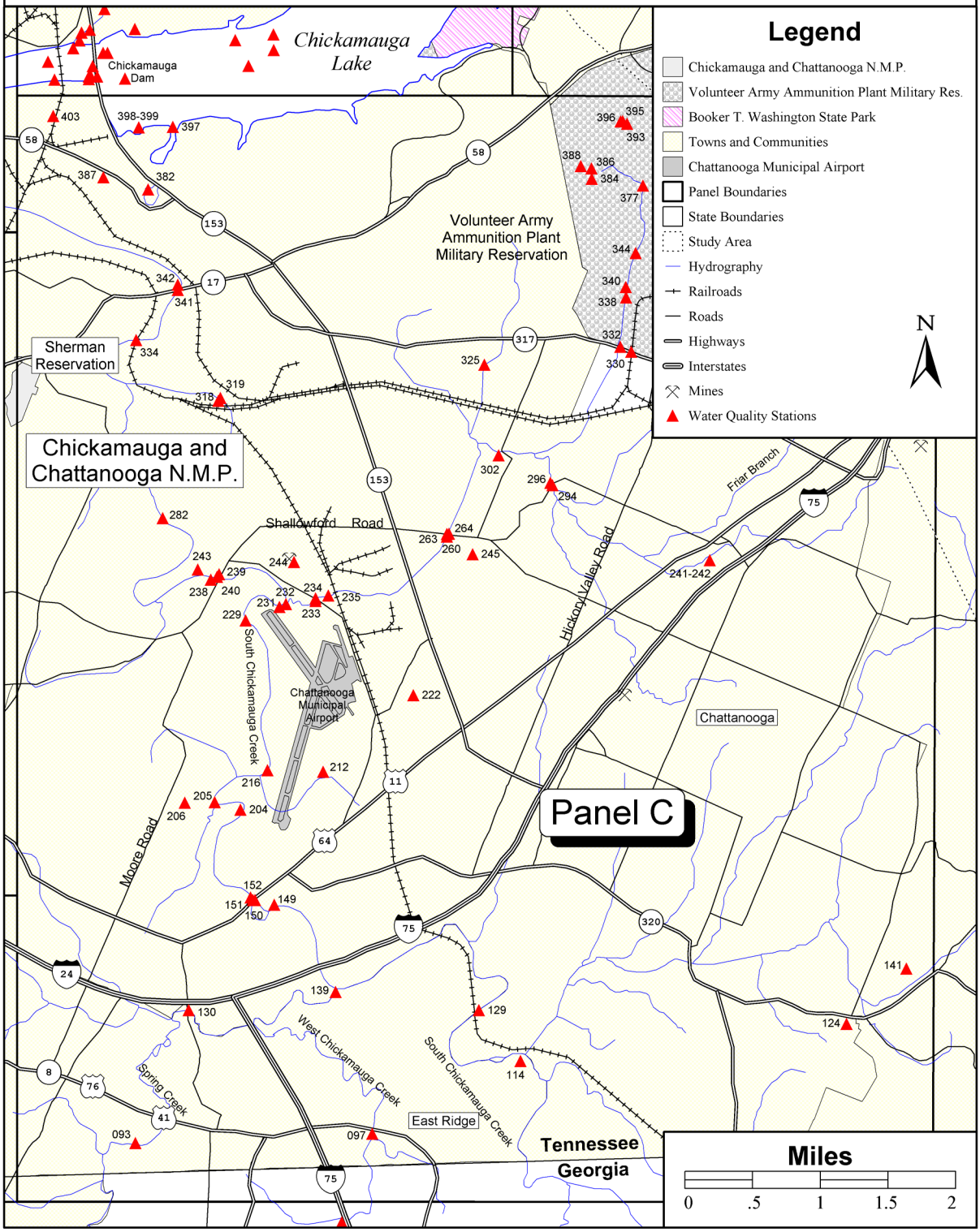
Chickamauga and Chattanooga N.M.P.

Water Quality Monitoring Locations



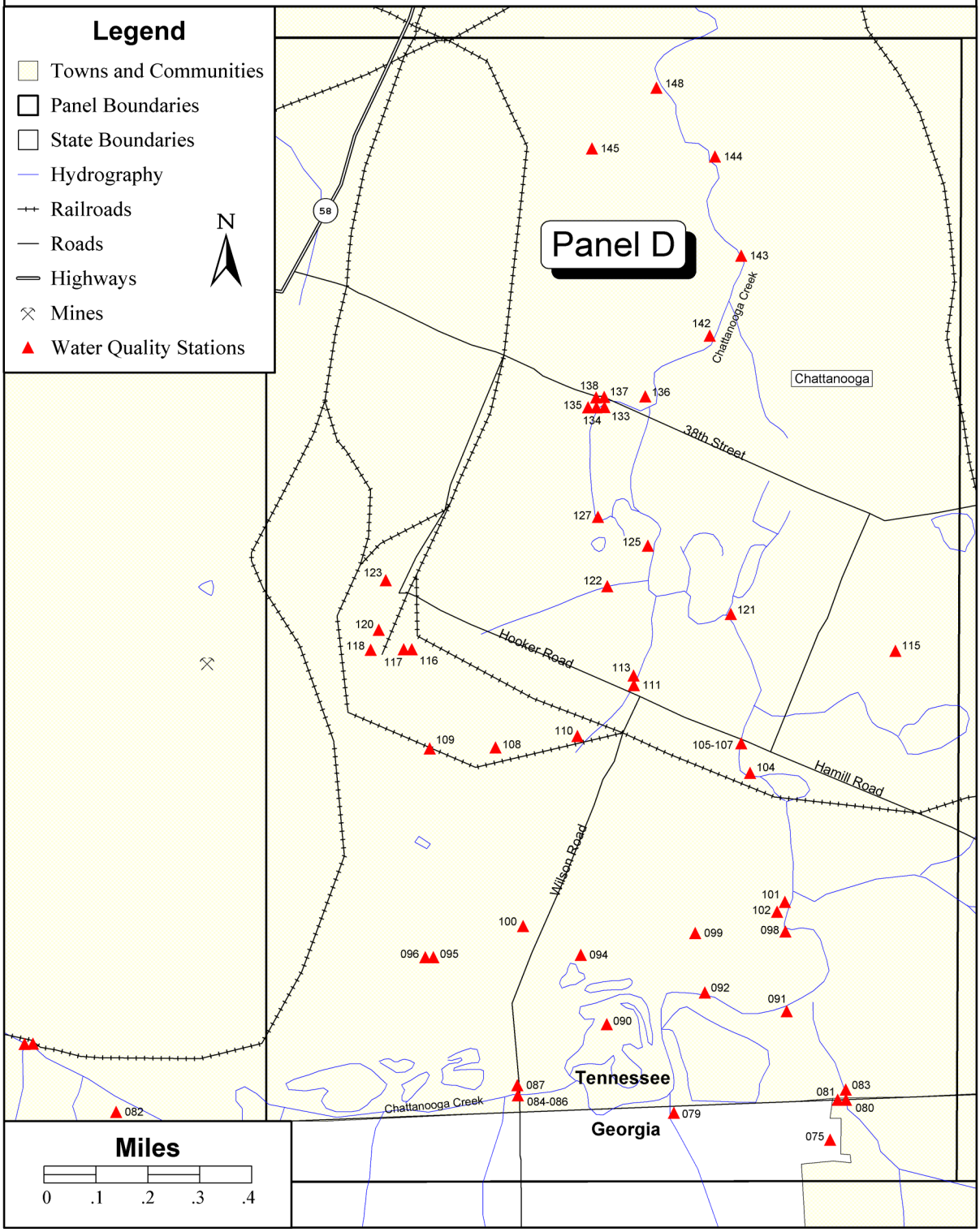
Chickamauga and Chattanooga N.M.P.

Water Quality Monitoring Locations



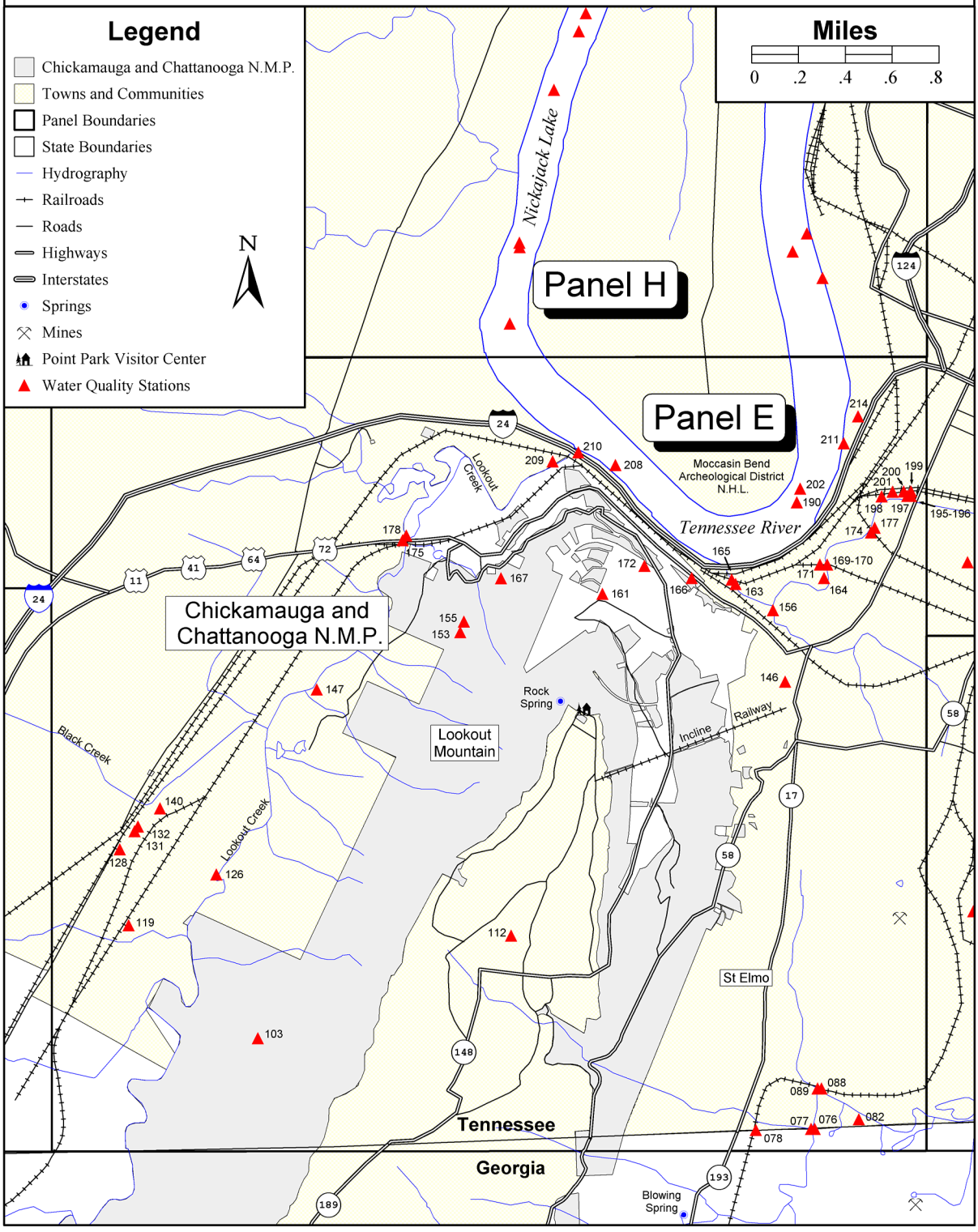
Chickamauga and Chattanooga N.M.P.

Water Quality Monitoring Locations



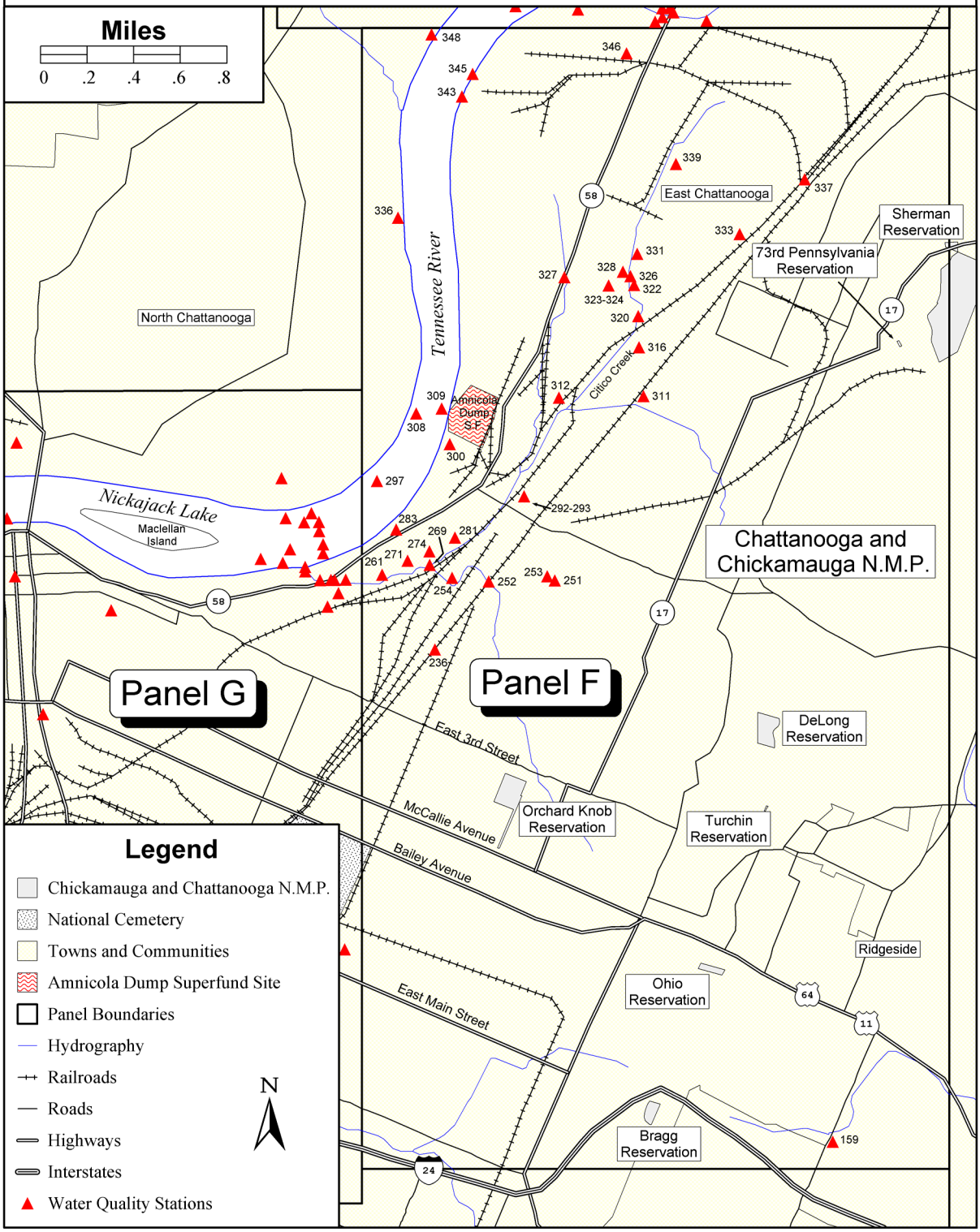
Chickamauga and Chattanooga N.M.P.

Water Quality Monitoring Locations



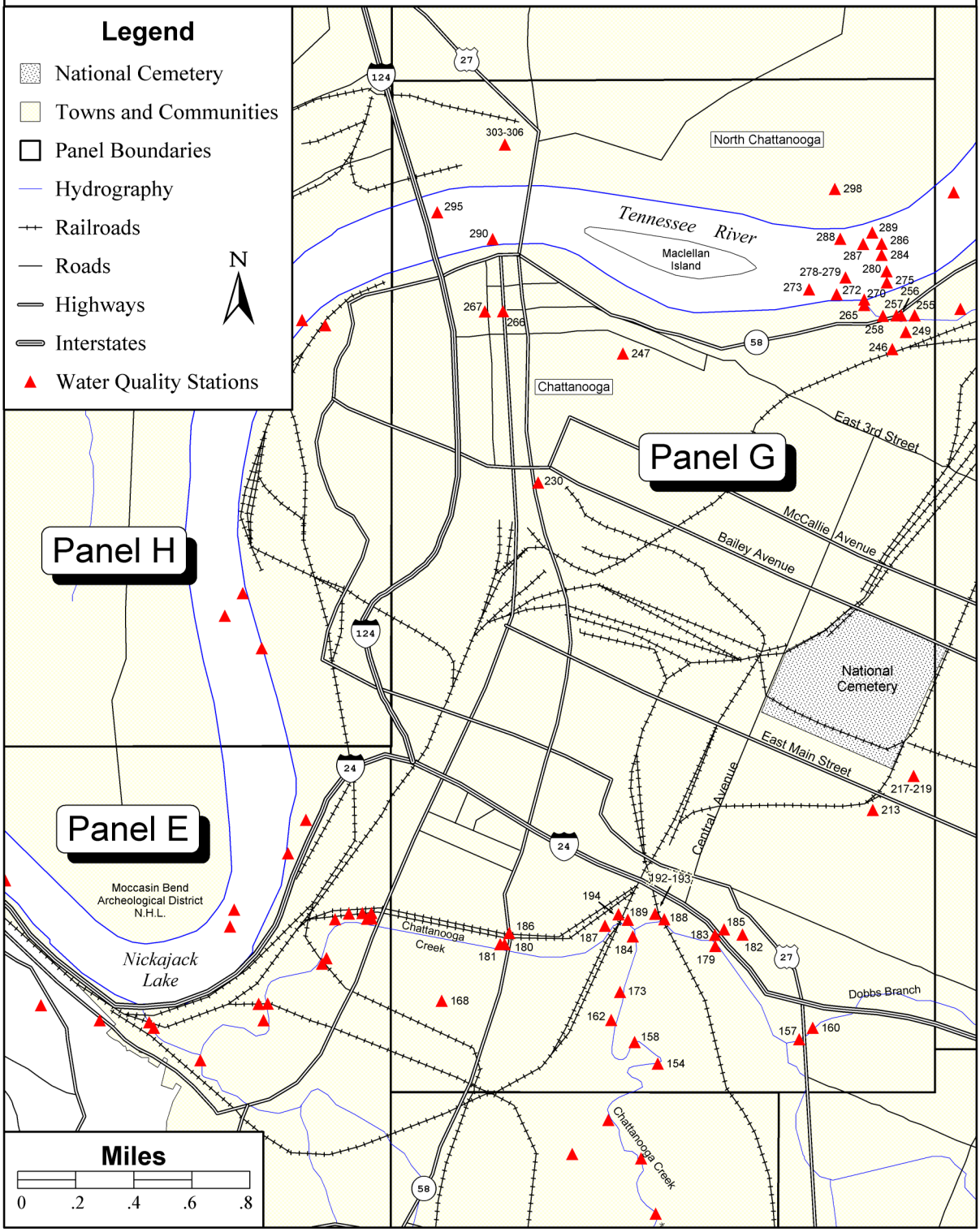
Chickamauga and Chattanooga N.M.P.

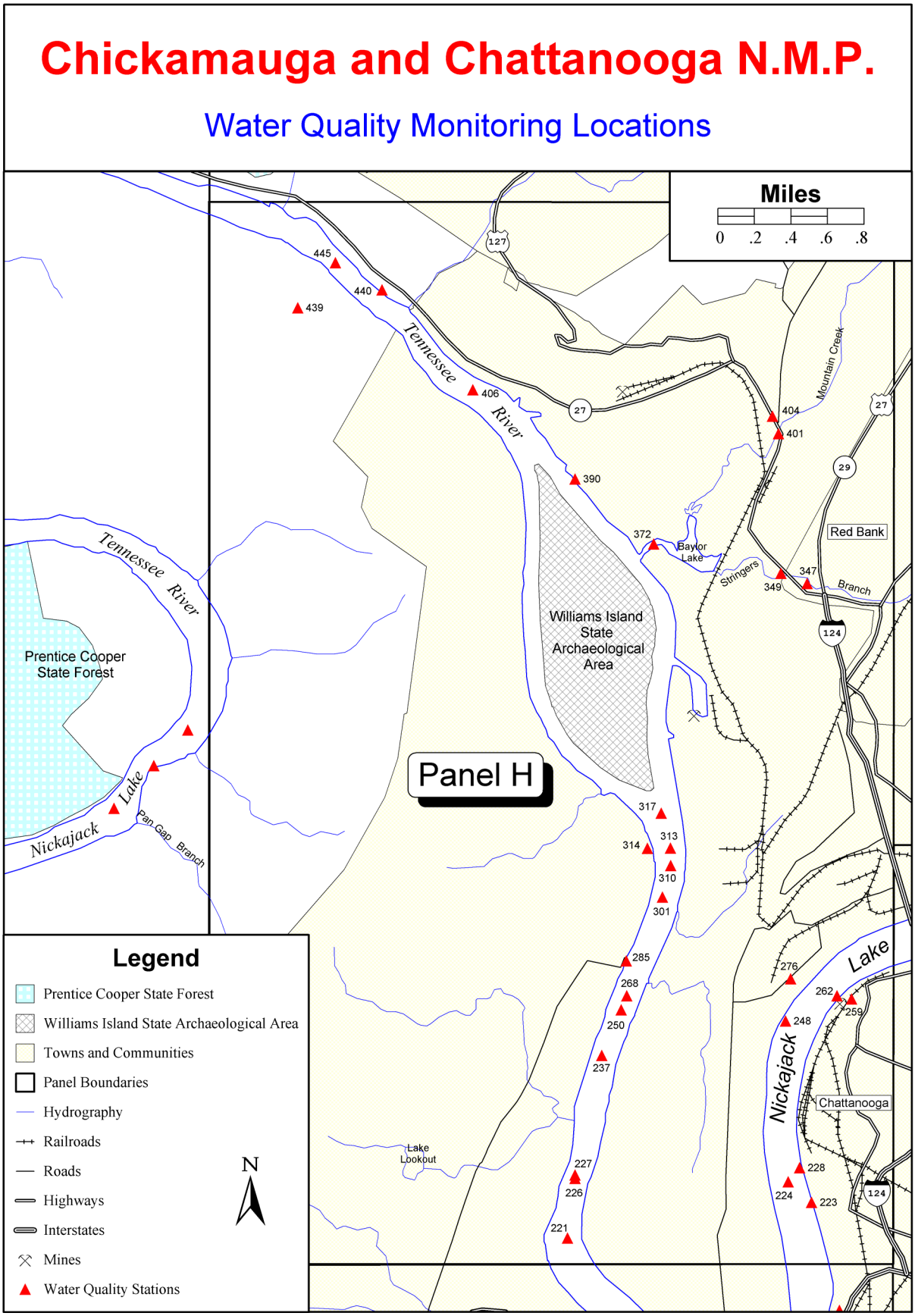
Water Quality Monitoring Locations



Chickamauga and Chattanooga N.M.P.

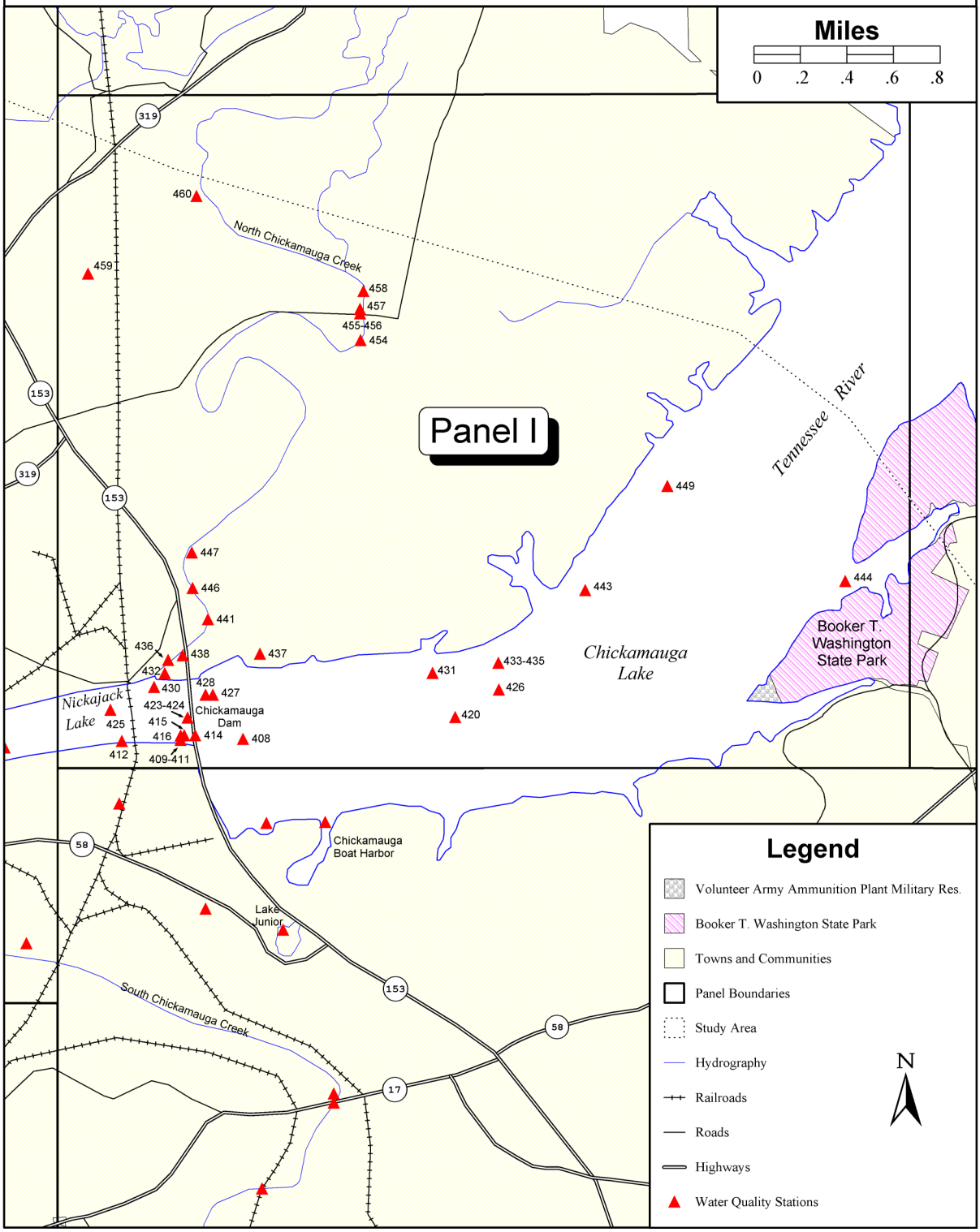
Water Quality Monitoring Locations




Chickamauga and Chattanooga N.M.P.
Water Quality Monitoring Locations
Miles
0 .2 .4 .6 .8
Panel H
Tennessee River
Tennessee River
Nickajack Lake
Pan Gap Branch
Prentice Cooper State Forest
Williams Island State Archaeological Area
Lake Lookout
Mountain Creek
Stringers Branch
Baylor Lake
Red Bank
Chattanooga
Nickajack Lake
445
440
439
406
390
372
404
401
347
349
317
314
313
310
301
285
276
268
262
259
250
248
237
228
227
226
224
223
221
127
27
29
124
Legend
Prentice Cooper State Forest
Williams Island State Archaeological Area
Towns and Communities
Panel Boundaries
Hydrography
Railroads
Roads
Highways
Interstates
Mines
Water Quality Stations
N

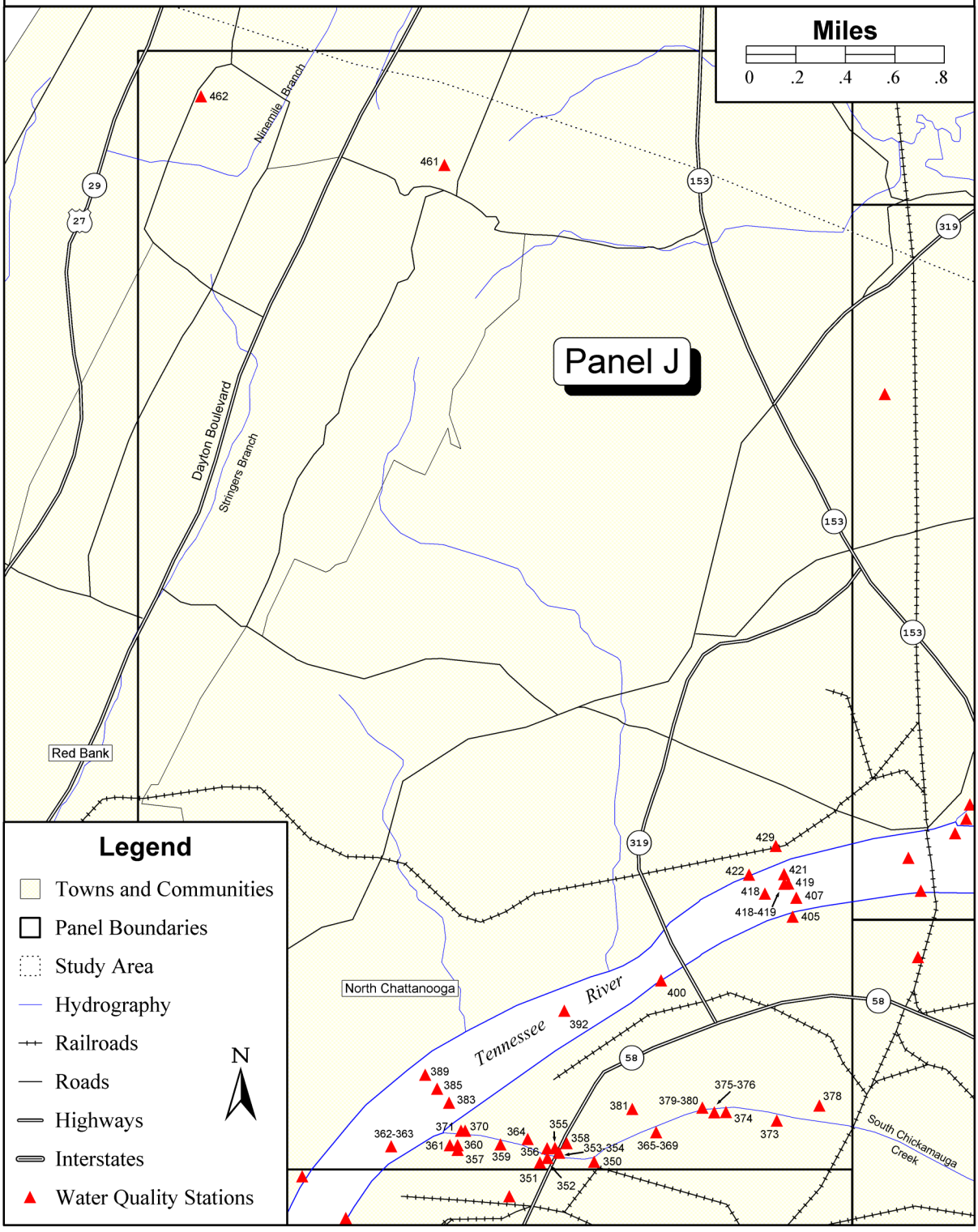
Chickamauga and Chattanooga N.M.P.

Water Quality Monitoring Locations



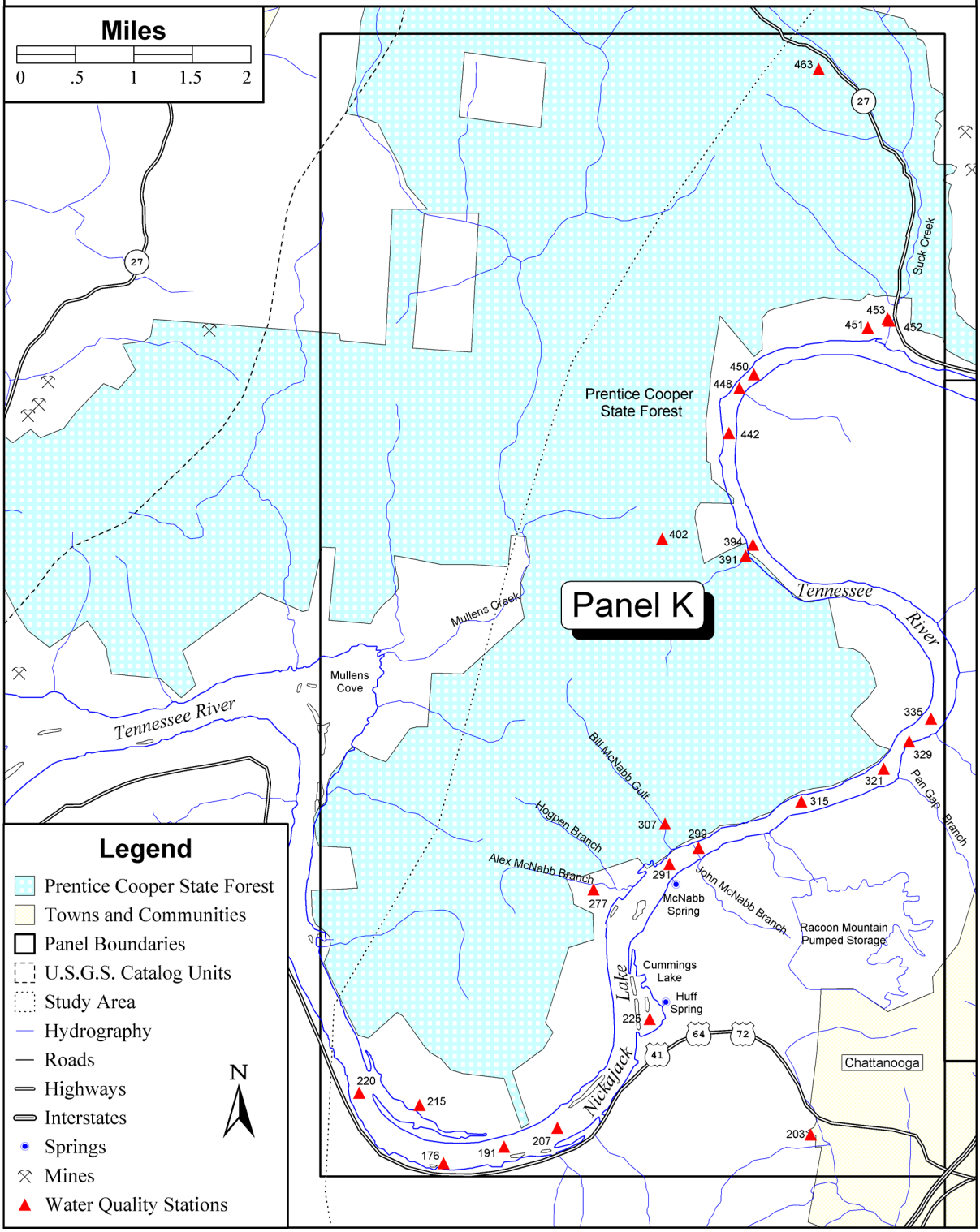
Chickamauga and Chattanooga N.M.P.

Water Quality Monitoring Locations



Chickamauga and Chattanooga N.M.P.

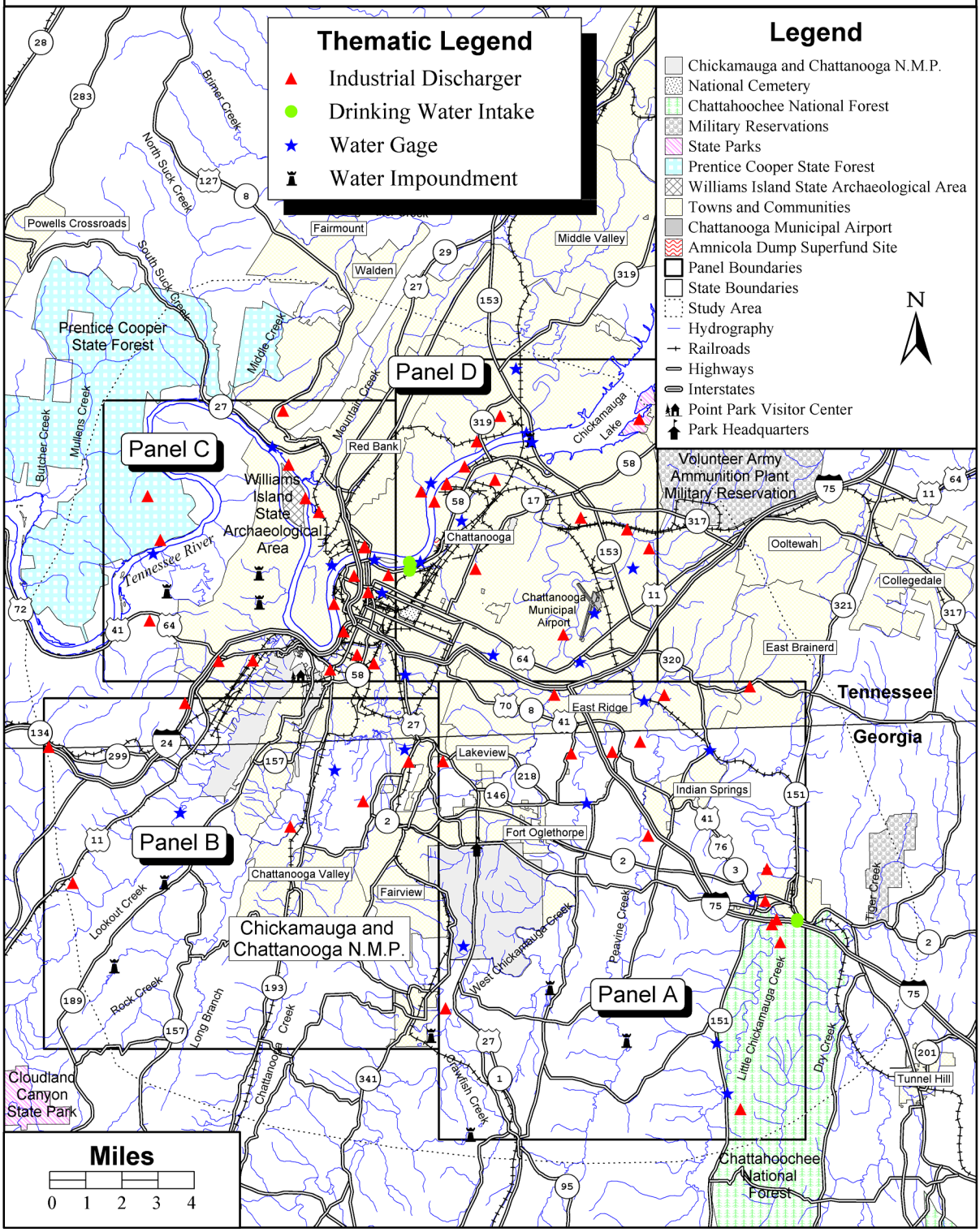
Water Quality Monitoring Locations



Chickamauga and Chattanooga N.M.P.

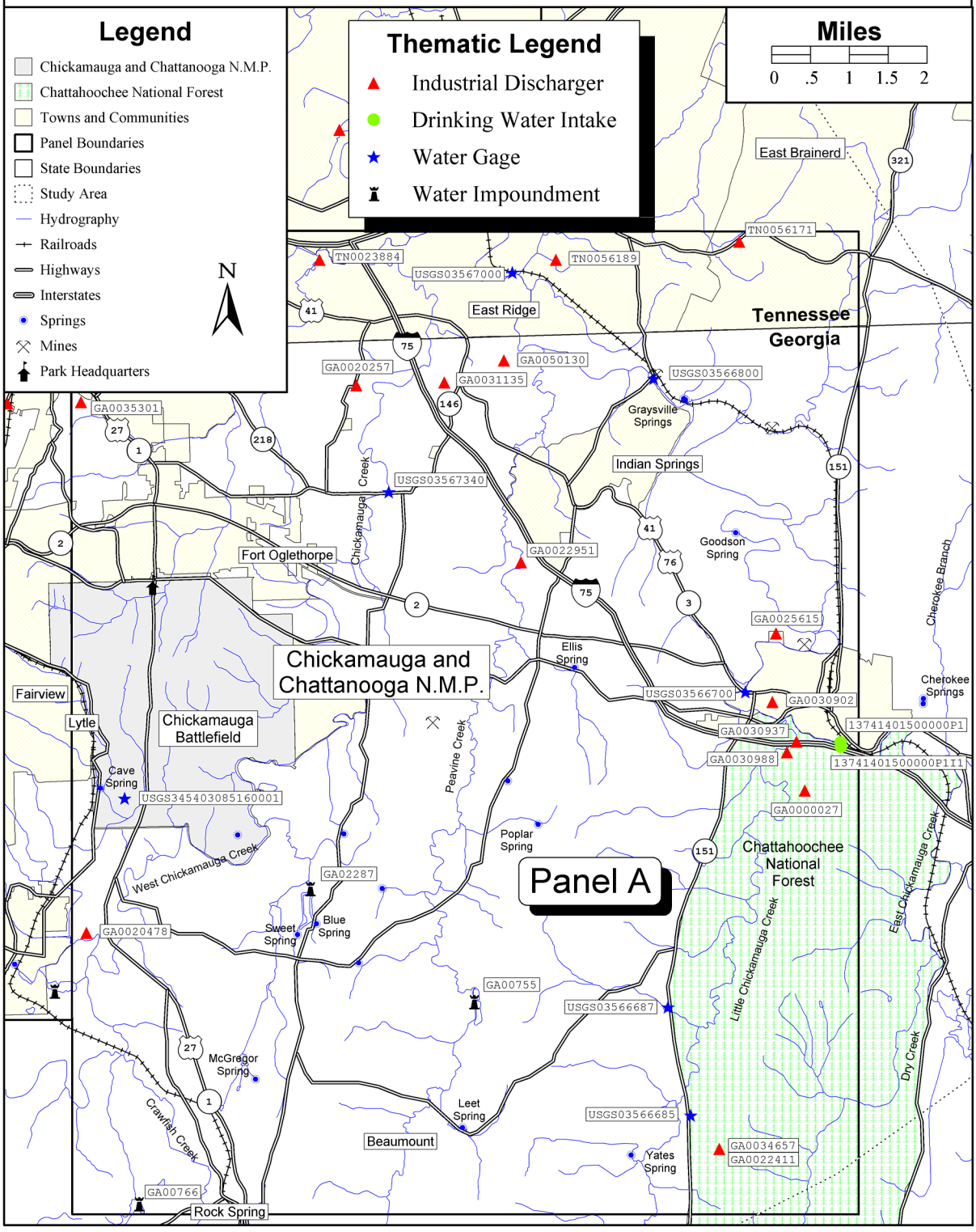
Dischargers, Drinking Intakes, Water Gages, & Water Impoundments

Graphic Panel Index



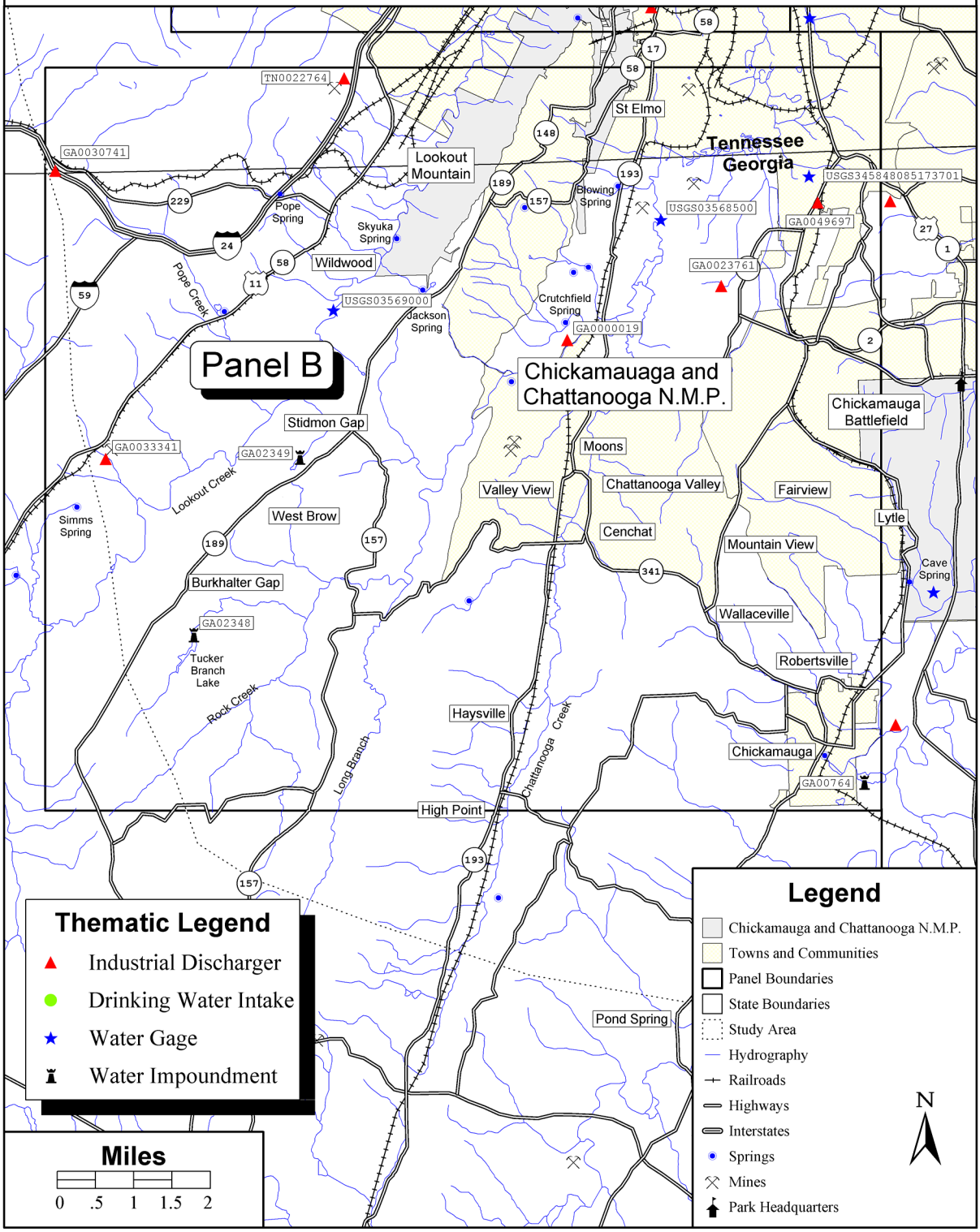
Chickamauga and Chattanooga N.M.P.

Dischargers, Drinking Intakes, Water Gages, & Water Impoundments



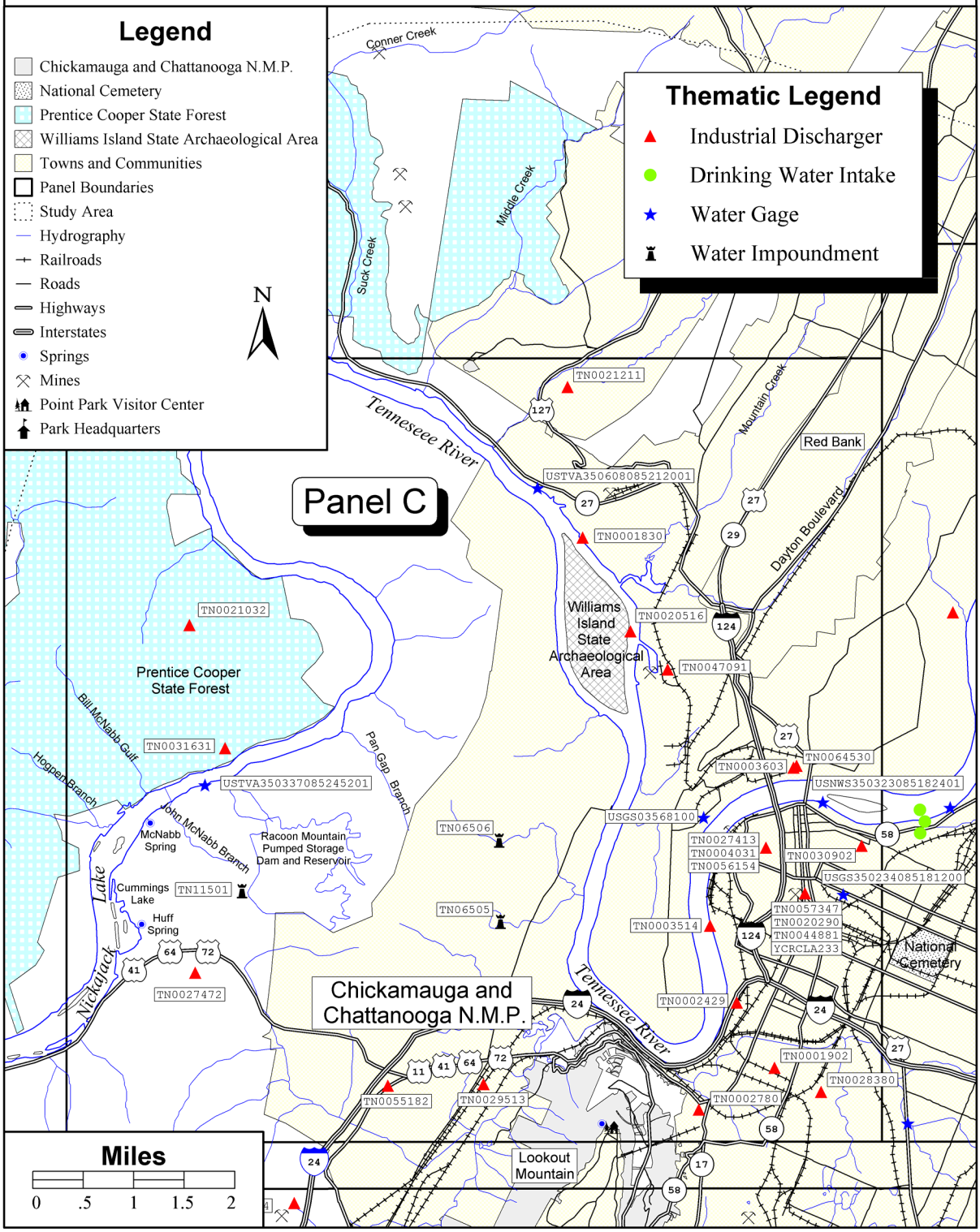
Chickamauga and Chattanooga N.M.P.

Dischargers, Drinking Intakes, Water Gages, & Water Impoundments



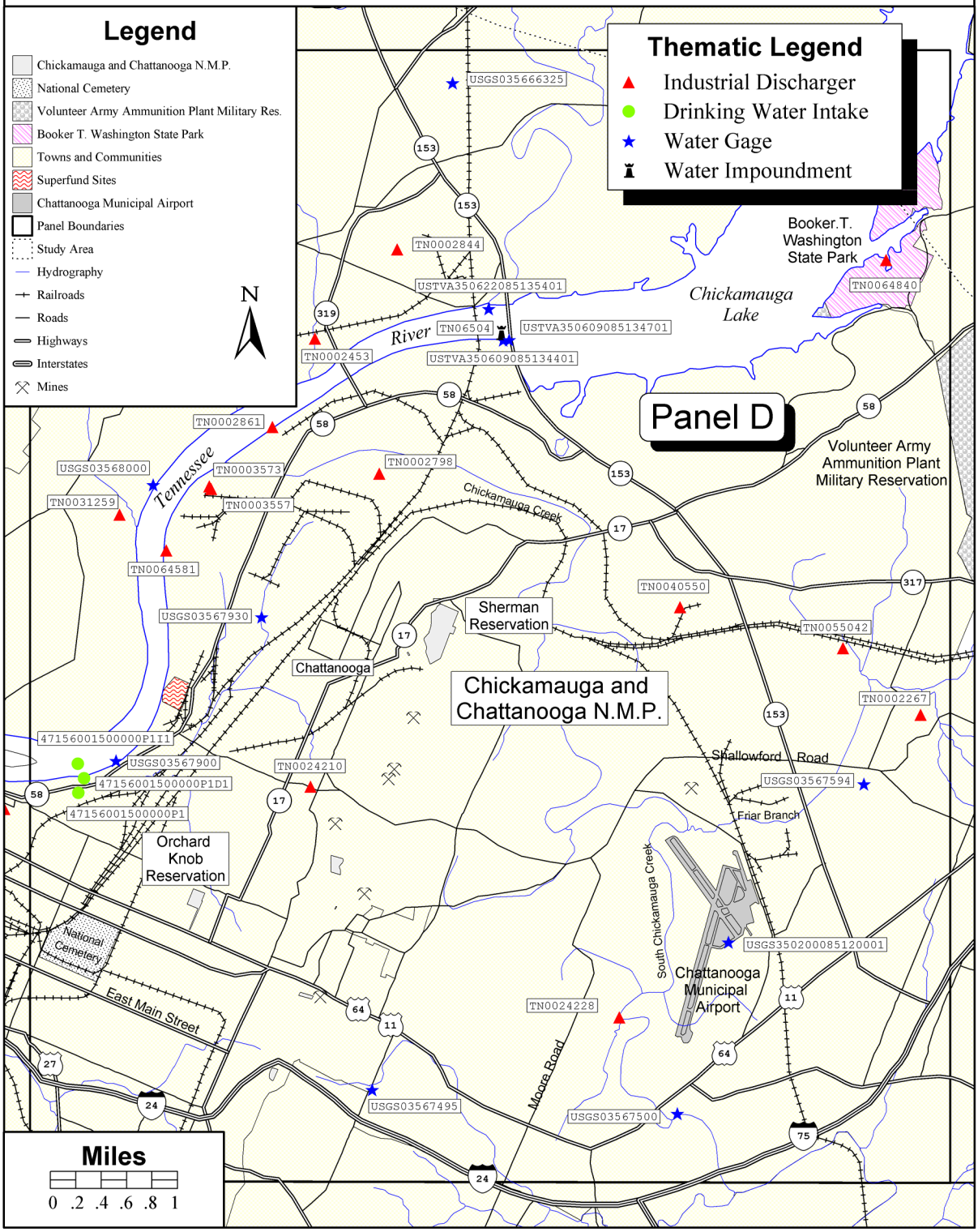
Chickamauga and Chattanooga N.M.P.

Dischargers, Drinking Intakes, Water Gages, & Water Impoundments



Chickamauga and Chattanooga N.M.P.

Dischargers, Drinking Intakes, Water Gages, & Water Impoundments



Industrial Facility Discharges, Drinking Water Intakes, Water Gages, and Water Impoundments Within the CHCH Study Area

Industrial Facility Discharges

Site ID	Station/Facility Name	Address	City	Facility Receiving Water Name
GA0000019	YATES BLEACHERY CO	.....	FLINTSTONE	ROCK C
GA0000027	DIXIE YARNS RINGGOLD	.....	.....	L CHICKAMAUGA C
GA0020257	FORT OGLETHORPE WPCP	201 FORREST RD	FT OGLETHORPE	WEST CHICAMAUGA CR
GA0020478	CHICAMAUGA WTP	.....	CHICKAMAUGA	CRAWFISH SPRING C
GA0022411	COMFORT INN	2751 BUFORD HIGHWAY, N E	RINGGOLD	PEAVINE CR
GA0022951	DIT SRA #41/I 75 TOURIST WELCO	INTERSTATE 75	RINGGOLD	PEAVINE CR
GA0023761	STONE MAN ROSSVILLE	3908 B TENNESSEE AVE.	ROSSVILLE	DRY CR
GA0025615	RINGGOLD STP	.....	RINGGOLD	CHICKAMAUGA C
GA0030741	NORTH GEORGIA CONE	P O BOX 190	ROSSVILLE	DRY CR
GA0030902	RINGGOLD WPC #2	.....	RINGGOLD	L CHICKAMAUGA C
GA0030937	SWEETWATER CARPET CORP	DEPOT ST	RINGGOLD	S CHICKAMAUGA C
GA0030988	SALEM CARPET MILLS,	.....	RINGGOLD	L CHICKAMAUGA C
GA0031135	SELOX,	CLOUD SPRINGS RD	RINGGOLD	TR OF L CHICKAMAUGA C
GA0033341	MILLER COAL TRENTON	.....	TRENTON	TR TO LOOKOUT C
GA0034657	STUCKEY'S PECAN SHOPPE RINGOLD	HIGHWAY 41 & I 75	RINGGOLD	SOUTH CHICKAMAUG
GA0035301	MITCHELL ACRES S/D ROSSVILLE	CLOUD RD	ROSSVILLE	W CHICKAMAUGA C
GA0049697	BROOKVALE ESTATES S/D WPC PLT	.....	ROSSVILLE	WESTSIDE B TO W CHICKAMAUGA C
GA0050130	RINGGOLD MORRIS ESTATES WWTP	.....	RINGGOLD	S CHICKAMAUGA C
TN0001830	SIGNAL MOUNTAIN CEMENT CO	.....	HAMILTON COUNTY	TENNESSEE RV
TN0001902	ROCKWELL INTERNATIONAL	3217 ALTON PARK BLVD	CHATTANOOGA	CHATTANOOGA CR
TN0002267	C F IND CHATT NITROGEN COMPLEX	PO BOX 87	HARRISON	FRIAR BR
TN0002429	U S PIPE & FOUNDRY CHATTANOOGA	2701 CHESTNUT ST	HAMILTON COUNTY	TENNESSEE RV
TN0002453	DIXIE YARNS LUPTON CITY	MILL ST	HAMILTON COUNTY	NICKAJACK LAKE
TN0002780	CHATTEM,INC.	HAMILTON COUNTY	CHATTANOOGA	GILLESPIE SPR BR
TN0002798	NATIONAL STARCH & CHEMICAL COR	.....	HAMILTON COUNTY	SO CHICKAMAUG CR
TN0002844	DU PONT CHATTANOOGA	.....	HAMILTON COUNTY	TENNESSEE RI
TN0002861	POLYSAR LATEX	3805 AMNICOLA HWY	HAMILTON COUNTY	TENNESSEE RV
TN0003514	COMBUSTION ENGINEERING	911 WEST MAIN ST.	CHATTANOOGA	TENNESSEE RIVER
TN0003557	CENTRAL SOYA CHATTANOOGA	PO BOX 5067	HAMILTON COUNTY	TENNESSEE RV
TN0003573	FORD MOTOR NASHVILLE	.....	DAVIDSON COUNTY	CUMBERLAND RV
TN0003603	ROPER CORPORATION	.....	HAMILTON COUNTY	BRANCH TO TENNES
TN0004031	SELOX AIR SEPARATION PL HIXSON	ACCESS RD	HAMILTON COUNTY	TENNESSEE RV
TN0020290	TVA POWER SERVICE CENTER	F E GARTRELL 268 401 BLDG	CHATTANOOGA	TENNESSEE RV
TN0020516	RED BANK STP	BAYLOR SCHOOL RD	HAMILTON COUNTY	TENNESSEE RV
TN0021032	TVA RACCOON MTN STP NO 2 RV MI	F E GARTRELL 268 401 BLDG	CHATTANOOGA	TENNESSEE RV
TN0021211	SIGNAL MOUNTAIN STP	P.O. BOX 69	SIGNAL MOUNTAIN	NICKAJACK RESERV
TN0022764	STONE MAN GENERAL CRUSHED STN	TONY A. HILL, PRES.	EAST RIDGE	TRIB OF LOOKOUT
TN0023884	EAST RIDGE STP	1501 TOMBRAS AVE	EAST RIDGE	SO.CHICKAMAUGA C
TN0024210	CHATT. MOCCASIN BEND STP	N MOORE RD	HAMILTON COUNTY	TENNESSEE RI MI
TN0024228	CHATTANOOGA BRAINERD STP	DEPT OF PUBLIC WORKS	CHATTANOOGA	SO CHICKAMAUGA C
TN0027413	TVA CHICKAMAUGA HYDRO	.....	HAMILTON COUNTY	TENNESSEE RV
TN0027472	TVA NICKAJACK HYDRO PLANT	.....	MARION COUNTY	TENNESSEE RV
TN0028380	SO WOOD PIEDMONT CHATTANOOGA	PO BOX 5447	SPARTANBURG	CHATTANOOGA CR
TN0029513	MCDOWELL DEVELOPMENT CORP.	PO BOX 1665	CHATTANOOGA	LOOKOUT CR
TN0030902	MISSOURI PORTLAND CHATTANOOGA	HUDSON RD	HAMILTON COUNTY	TENNESSEE RV
TN0031259	SYCAMORE MINING BIG RIDGE MINE	P.O.BOX 8103	CHATTANOOGA	NORFOLK PRYOR CO
TN0031631	TVA RACCOON MTN STORAGE	.....	MARION COUNTY	TENNESSEE RIVER
TN0040550	SYNTHETIC INDUSTRIES	4019 INDUSTRY DRIVE	HAMILTON COUNTY	SOUTH CHICKAMAUG

Industrial Facility Discharges, Drinking Water Intakes, Water Gages, and Water Impoundments Within the CHCH Study Area

Industrial Facility Discharges

Site ID	Station/Facility Name	Address	City	Facility Receiving Water Name
TN0044881	MRUPHY MTN MINING AREA #3	.....	CHATTANOOGA	RUNNING WATER C
TN0047091	ENERGY ENGINERERING DOCK #1	.....	CHATTANOOGA	TENNESSEE R
TN0055042	NO TWINBROOK S/D CHATTANOOGA	6 PRYOR DRIVE	CHATTANOOGA	FRIAR BR
TN0055182	WAHATCHIE LAUNDRY CHATTANOOGA	3004 CUMMINGS HIWAY	CHATTANOOGA	TR TO LOOKOUT C
TN0056154	D & M CAR WASH CHATTANOOGA	9 OLD WOUHALCHIE PIKE	CHATTANOOGA	TENNESSEE R
TN0056171	WISHY WASHY LAUNDRY	8027 E BRAIBOARD RD	CHATTANOOGA	TR TO RYALL SPRINGS B
TN0056189	BIG ORANGE CAR WASH	HIXSON PIKE	HIXSON	MACKEY BR
TN0057347	ROCK TENN CO MILL DIV	P.O.BOX 4068	CHATTANOOGA	TENNESSEE RV
TN0064530	RGE CORPORATION		HAMILTON COUNTY	MARKET STREET BRANCH
TN0064581	NA INDUSTRIES, INC.		HAMILTON COUNTY	TENNESSEE RIVER
TN0064840	BOOKER T. WASHINGTON STATE PK.		HAMILTON COUNTY	CHICKAMAUGA RESERVOIR TN RV ML
YCRCLA233	AMNICOLA DUMP		CHATTANOOGA	

Drinking Water Intakes

Site ID	Station/Facility Name	City	Population Served	Avg. Daily Production (Gal./Day)
13741401500000P1	TREATMENT PLANT	RINGGOLD	2400	0000.00
13741401500000P1I1	CHICKAMAUGA CRE	RINGGOLD	2400	0000.00
47156001500000P1	CHATTANOOGA FILT PLT	CHATTANOOGA	185843	0000.00
47156001500000P1D1		CHATTANOOGA	185843	0000.00
47156001500000P1I1	TENNESSEE RIVER	CHATTANOOGA	185843	0000.00

Water Gages

Site ID	Station Name	Site Type	Drainage Area (Square Miles)	Begin Year	End Year
USGS03566685	LITTLE CHICKAMAUGA C		3550.00		
USGS03566687	LITTLE CHICKAMAUGA CREEK TRIB NEAR RINGGOLD, GA.		3.36		
USGS03566700	SOUTH CHICKAMAUGA CR	Stream	169.00		
USGS03566800	SOUTH CHICKAMAUGA CR	Stream			
USGS03567340	W CHICKAMAUGA CR AT	Stream	148.00	1974	1995
USGS03567500	SOUTH CHICKAMAUGA CREEK NEAR CHICKAMAUGA, TN	Stream	428.00	1929	1995
USGS03567900	TENNESSEE R AT CITIC	Stream	1390.00		
USGS03568000	TENNESSEE RIVER AT CHATTANOOGA, TN	Stream	21400.0	1874	1998
USGS03568500	CHATTANOOGA CREEK NEAR FLINTSTONE, GA		50.60	1951	1974
USNWS350323085182401	CHATTANOOGA TENN ON	Stream			
USTVA350337085245201	TENN R ABOVE KELLYS	Lake	1730.00		
USTVA350608085212001	TENNESSEE RIVER AT S	Lake	1690.00		
USTVA350609085134401	TENN R AT CHICKAMAUG	Lake	0790.00		
USTVA350609085134701	TENN R AT CHICKAMAUG	Lake	0790.00		
USTVA350622085135401	TENN R AT CHICKAMAUG	Lake	0790.00		
USGS03569000	LOOKOUT CREEK NEAR WILDWOOD, GA	Stream	165.00	1945	1946
USGS345403085160001	03PP01	Well			
USGS345848085173701	03PP02	Well			
USGS035666325	8PHEMERAL CHANNEL AT NORTHGATE SHPG CTR HIXSON,	Stream	0.23	1992	1993

Industrial Facility Discharges, Drinking Water Intakes, Water Gages, and Water Impoundments Within the CHCH Study Area

Water Gages

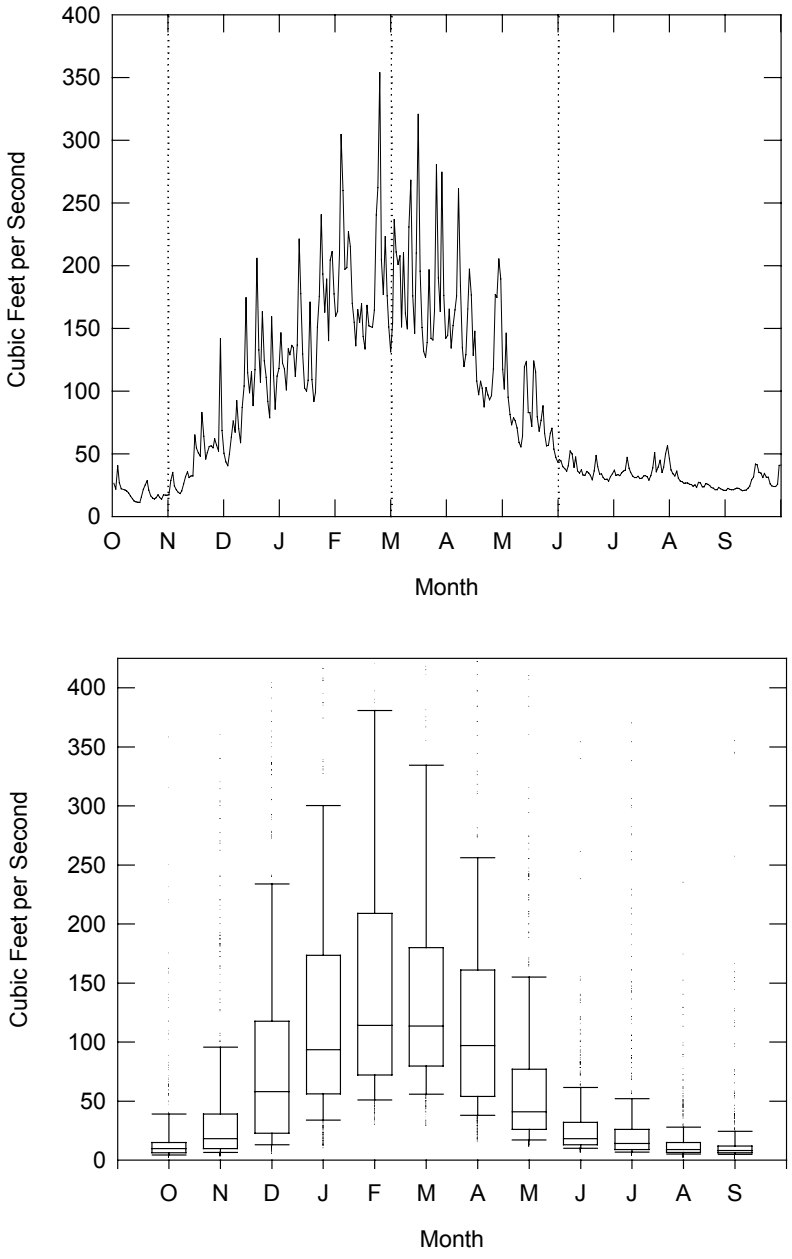
Site ID	Station Name	Site Type	Drainage Area (Square Miles)	Begin Year	End Year
USGS03567000	SOUTH CHICKAMAUGA BELOW GA.-TENN. STATE LINE	Stream	249.00	1953	1957
USGS03567495	SPRING CR TRIB AT LERCH ST AT CHATTANOOGA, TN	Stream	0.39	1992	1993
USGS03567594	FRIAR BRANCH TRIB NEAR TYNER, TN	Stream	0.01	1992	1993
USGS03567930	CITICO CREEK AT APPLING STREET AT CHATTANOOGA, T	Stream	0.52	1992	1993
USGS03568100	TENNESSEE RIVER TRIB AT CHATTANOOGA, TN	Stream	0.11	1992	1993
USGS350036085173400	SOUTH FORK DOBBS BRANCH AT CHATTANOOGA, TN	Stream	1.12		
USGS350234085181200	HM:G-036	Well			
USGS350200085120001	CHATTANOOGA, TN WBAP W13882	Climate			

Water Impoundments

Site ID	Impoundment Name	Owner	Primary Purpose	Type of Dam	Downstream Hazard	Year Completed
GA00755	JACKSON LAKE DAM	S.H.JACKSON	Rec.	Earth	Low	1963
GA00764	KRYSTAL LAKE DAM	KRYSTAL CORPORATION	Rec.	Earth	Low	1961
GA00766	SHIELDS LAKE DAM	BILL SHIELDS	Rec.	Earth	Low	1955
GA02287	BLUE SPRING LAKE DAM	BLUE SPRING HUNTING 0 FN	Rec.	Earth	Low	1955
GA02348	TUCKER BRANCH LAKE DAM	TUCKER BRANCH INC	Rec.	Earth	Significant	1960
GA02349	WEST BROW LAKE DAM	DR C H VONCANON	Rec.	Earth	Low	1957
TN06504	CHICKAMAUGA DAM	TVA	Navig.	Gravity	High	1940
TN06505	LAKE LOOKOUT DAM	WILLIAM G ROWELL	Rec.	Earth	High	1855
TN06506	PAN GAP DAM	CHATT FIREMANS ASSOC	Rec.	Earth	High	1919
TN11501	RACOON MOUNTAIN DAM	TVA	Hydro	Rockfill	Low	1974

REPRESENTATIVE MEAN ANNUAL HYDROGRAPH FOR SEASONAL ANALYSIS

CHICKAMAUGA AND CHATTANOOGA NATIONAL MILITARY PARK
Chattanooga Creek near Flintstone, GA
03568500, 24 year record



Representative mean annual hydrograph (top) and distribution of daily flows by month (bottom) for hydrologic season determination. Box and whiskers represent a five number summary; bottom whisker cap is 10th percentile, bottom of box is 25th percentile, internal line is median, top of box is 75th percentile, and top whisker is 90th percentile. Hydrologic seasons for Chickamauga and Chattanooga National Military Park are: Jun. 1 to Oct. 31, Nov. 1 to Feb. 28, and Mar. 1 to May 31.

CONTACTS FOR AGENCY CODES RETRIEVED FOR CHCH

AGENCY	PRIMARY CONTACT NAME	ORGANIZATION	PHONE NUMBER(S)	
11NPSWRD	TUCKER, DEAN	NATIONAL PARK SERVICE	(970)225-3516	(970)225-3518
131TVAC	BRUGGINK, DAVID	TENN VALLEY AUTHORITY	(423)751-8973	
112WRD	BRIGGS, JOHN	US GEOLOGICAL SURVEY	(703)648-5624	
21GAGGS	PEACOCK, LISA	GA DEPT OF NAT RESOURCES	(404)651-5468	
12NSS	LANDERS, DIXON H.	EPA ENVIRONMENTAL RES LAB	(541)754-4427	
21GAEPD	PEACOCK, LISA	GA DEPT OF NAT RESOURCES	(404)651-5468	
1113S000	HENRY,BRUCE	USEPA REGION 4	(404)562-9246	
21TNWQ	BROACH, JOY	TN DEPT OF ENVIRONMENTAL	(615)532-0701	
1114PEST	HENRY,BRUCE	USEPA REGION 4	(404)562-9246	
111TSILL	HOELMAN, LOUIS	USEPA HQ	(202)260-7050	
11EPALES	LAMBOU, VICTOR W.	USEPA	(702)798-2259	
1113S090	HENRY,BRUCE	USEPA REGION 4	(404)562-9246	
1119ORPF	STORET USER ASSISTANCE	USEPA HQ	(202)260-7050	(800)424-9067
* DATA FOR 1119ORPF HAS BEEN 'RETIRED' AT THE REQUEST OF STORET USER ASSISTANCE (703)883-8861 ON 03/14/86.				
111WS	HOELMAN, LOUIS	USEPA HQ	(202)260-7050	
1110NET	STORET USER ASSISTANCE	USEPA HQ	(202)260-7050	(800)424-9067
11BIOACC	KRONER, STEVE	U.S. EPA MDSD	(202)260-4761	
111EPRI	HOELMAN, LOUIS	USEPA HQ	(202)260-7050	

QUANTITY OF DATA RETRIEVED FOR CHCH BY AGENCY CODE

WITHIN THE ENTIRE STUDY AREA (S.A.) AND JUST WITHIN THE PARK

Agency	Organization	Period of Record		Water Quality Stations		Longer Term[1] Stations		No Data Stations		Water Quality Observations		Water Quality Parameters	
		Study Area	Park Only	S.A.	Park	S.A.	Park	S.A.	Park	S.A.	Park	S.A.	Park
11NPSWRD	NATIONAL PARK SERVICE	09/24/77-12/17/92	09/01/92-12/16/92	26	6	0	0	0	0	304	59	22	11
131TVAC	TENN VALLEY AUTHORITY	07/12/60-09/16/97	10/13/67-06/11/92	150	2	33	0	5	0	81683	214	467	25
112WRD	US GEOLOGICAL SURVEY	09/18/57-02/14/97	No Data in Park	29	0	11	0	1	0	19159	0	465	0
21GAGGS	GA DEPT OF NAT RESOURCES	02/12/86-08/13/98	No Data in Park	1	0	1	0	0	0	1157	0	129	0
12NSS	EPA ENVIRONMENTAL RES LAB	04/23/86-04/23/86	04/23/86-04/23/86	2	1	0	0	0	0	8	4	4	4
21GAEPD	GA DEPT OF NAT RESOURCES	07/12/73-12/14/98	No Data in Park	4	0	4	0	0	0	10737	0	267	0
1113S000	USEPA REGION 4	10/15/68-05/24/73	No Data in Park	113	0	0	0	2	0	9714	0	83	0
21TNWQ	TN DEPT OF ENVIRONMENTAL	05/02/60-12/15/98	No Data in Park	67	0	8	0	0	0	35932	0	167	0
1114PEST	USEPA REGION 4	06/26/80-06/26/80	No Data in Park	5	0	0	0	3	0	291	0	147	0
111TSILL	USEPA HQ	08/21/76-08/21/76	No Data in Park	1	0	0	0	0	0	38	0	38	0
11EPALES	USEPA	04/14/73-03/26/74	No Data in Park	15	0	0	0	0	0	1614	0	19	0
1113S090	USEPA REGION 4	No Data in S.A.	No Data in Park	45	0	0	0	45	0	0	0	0	0
1119ORPF	USEPA HQ	01/06/69-01/07/74	No Data in Park	1	0	1	0	0	0	1459	0	17	0
111WS	USEPA HQ	02/10/75-03/04/75	No Data in Park	1	0	0	0	0	0	7	0	7	0
1110NET	USEPA HQ	03/12/58-05/29/68	No Data in Park	1	0	1	0	0	0	10851	0	94	0
11BIOACC	U.S. EPA MDSD	07/07/87-08/19/87	No Data in Park	1	0	0	0	0	0	128	0	64	0
111EPRI	USEPA HQ	07/12/60-06/14/61	No Data in Park	1	0	0	0	0	0	50	0	2	0
Totals		09/18/57-12/15/98	10/13/67-12/16/92	463	9	59	0	56	0	173132	277	1000	37

[1]Station With At Least 6 Parameters Having An Average of 1 Or More Observations Per Year During a Period of Record Extending At Least 2 Years.

Station Period of Record Tabulation
From 09/18/57 To 12/15/98

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 12/15/98	01/01/75 to 12/31/84	Before 01/01/75
CHCH0001	GAWA530R	No	11	0	11	0
CHCH0002	BRIDGE NEAR OWINGS CEMETERY	No	51	0	51	0
CHCH0003	GACS517R	No	12	0	12	0
CHCH0004[1]	GLASS MILL ROAD BRIDGE	No	510	0	50	460
CHCH0005	0.75 MILE SSW OF COPELAND CROSSING	No	393	0	0	393
CHCH0006	ROCK CR AT SR 170 NR DURHAM,GA	No	128	0	128	0
CHCH0007	ROCK CR TRIB(MINE SEEP) AT SR170 NR DURHAM, GA.	No	63	0	63	0
CHCH0008[1]	ROCK CREEK BELOW ST RT 170 NR DURHAM, GA.	No	234	0	234	0
CHCH0009	1 MILE SE OF CHICKAMAUGA	No	97	0	51	46
CHCH0010[1]	CHATTANOOGA CREEK AT HIGH POINT, GA.	No	248	0	248	0
CHCH0011	RT. 170 BRIDGE - TRIB. TO ROCK CR. 9.52	No	0	0	0	0
CHCH0012[1]	0.15 MI SW OF JCT COVE/CRITTENDEN IN CHICKAMAUGA	No	1157	1157	0	0
CHCH0013	TRIB. TO W. CHICK. CR. 22.85	No	81	0	0	81
CHCH0014[1]	U.S HWY 27 BRIDGE EAST OF CHICKAMAUGA	No	294	0	50	244
CHCH0015	THREE NOTCH ROAD BRIDGE	No	428	0	0	428
CHCH0016	BRIDGE 0.1 MILE ABOVE LEE AND GORDON MILL	No	105	0	0	105
CHCH0017[1]	LONG BRANCH NEAR HINKLE, GA.	No	239	0	239	0
CHCH0018	BELOW LEE AND GORDON MILL	No	50	0	0	50
CHCH0019	0.6 MILE ABOVE BLUE SPRING BRANCH	Yes	43	0	0	43
CHCH0020	ROAD CROSSING 2 MILES SSW OF RINGGOLD	No	407	0	0	407
CHCH0021[1]	ROCK CREEK AT NICKAJACK RD NR HINKLE, GA.	No	421	0	421	0
CHCH0022	GACS530R	No	11	0	11	0
CHCH0023	ROAD CROSSING 0.4 MILE NE OF INTERSTATE 75	No	396	0	0	396
CHCH0024	SOUTHWEST OF HINKLE ON GA RT. 170 BRIDGE	No	20	0	20	0
CHCH0025	TIGER CREEK (SR 3) NEAR RINGGOLD, GA.	No	1	0	0	1
CHCH0026	GA HWY 2 BRIDGE	No	392	0	0	392
CHCH0027	ALEXANDER BRIDGE	Yes	171	20	51	100
CHCH0028[1]	0.25 MILE ABOVE L&N RR BRIDGE	No	190	0	0	190
CHCH0029	NEAR ANDERSON MEMORIAL GARDENS	No	167	0	0	167
CHCH0030[1]	BRIDGE NEAR ANDERSON MEMORIAL GARDENS	No	188	0	0	188
CHCH0031	GA HWY 151 BRIDGE SW OF RINGGOLD	No	66	0	0	66
CHCH0032	SOUTH CHICKAMAUGA CREEK AT RINGGOLD, GA.	No	161	0	0	161
CHCH0033	U.S. HWY 41 BRIDGE, 0.5 MILE WEST OF RINGGOLD	No	77	0	0	77
CHCH0034	HIGHWAY 41 BRIDGE AT RINGGOLD	No	24	24	0	0
CHCH0035	GAWA554R	No	11	0	11	0
CHCH0036	TRIB. TO ROCK CR. 3.63 LULU LAKE ROAD	No	0	0	0	0
CHCH0037[1]	CHATTANOOGA CREEK AT SR 341 NR FLINTSTONE, GA.	No	368	0	368	0
CHCH0038	GEORGIA HWY 341 BRIDGE 1.3 MILES S OF FLINTSTONE	No	405	0	0	405
CHCH0039	GACS523R	No	13	0	13	0
CHCH0040[1]	REED BRIDGE	No	272	0	51	221
CHCH0041	1 MILE NORTH OF RINGGOLD	No	150	0	0	150
CHCH0042	NO NAME	Yes	4	4	0	0
CHCH0043	ROAD CROSSING, 1.8 MILES SOUTH OF WILDWOOD	No	392	0	0	392
CHCH0044	NO NAME	No	4	4	0	0
CHCH0045[1]	RIDGELAND ROAD CROSSING	No	161	0	0	161
CHCH0046	GEORGIA HWY 349 BRIDGE AT FLINTSTONE	No	23	0	0	23
CHCH0047[1]	ROCK CREEK NEAR FLINTSTONE, GA.	No	388	0	388	0
CHCH0048	NEAR FANTASY HILLS	No	64	0	0	64
CHCH0049	FORREST ROAD BRIDGE	No	181	0	0	181
CHCH0050[1]	AT CHATTANOOGA VALLEY ROAD 0.4 M N OF FLINTSTONE	No	205	0	0	205
CHCH0051[1]	GA HWY 2 BRIDGE EAST OF FT. OGLETHORPE	No	206	0	0	206
CHCH0052	GACS505R	No	11	0	11	0
CHCH0053[1]	DYER BRIDGE	No	582	0	51	531
CHCH0054[1]	W CHICKAMAUGA CR AT CLD SPGS RD NR LAKEVIEW, GA.	No	3896	1695	2138	63
CHCH0055[1]	WEST CHICKAMAUGA CREEK - GEORGIA HIGHWAY 146	No	4435	3330	719	386
CHCH0056	HA-HA CAVE	Yes	10	10	0	0
CHCH0057	SKYUKA SPRING	Yes	9	9	0	0
CHCH0058[1]	GA HWY 349 BRIDGE	No	260	0	0	260
CHCH0059[1]	CHATTANOOGA CREEK NEAR FLINTSTONE, GA	No	844	0	591	253
CHCH0060	GAGING STATION 1 MILE SOUTH OF STATE LINE	No	168	0	0	168
CHCH0061	AT GAGING STATION	No	263	0	263	0
CHCH0062	CHATTOOGA CREEK OFF BURNTMILL ROAD AT MILE 8.8	No	198	0	0	198
CHCH0063	WOOTEN ROAD BRIDGE	No	167	0	0	167
CHCH0064[1]	ABOVE SWANSON MILL DAM NEAR STREAM GAGE	No	417	0	0	417
CHCH0065[1]	SOUTH CHICKAMAUGA CREEK AT GRAYSVILLE, GA.	No	2554	1209	1281	64
CHCH0066[1]	SOUTH CHICKAMAUGA CREEK - GRAYSVILLE ROAD	No	1016	427	373	216
CHCH0067	ABOVE SWANSON MILL AT BRIDGE IN GRAYSVILLE	No	26	26	0	0
CHCH0068	ROAD CROSSING 0.15 MILE BELOW BLACK BRANCH	No	167	0	0	167
CHCH0069	MCFARLAND BRANCH AT STANDARD COOSA THATCHER	No	20	0	0	20
CHCH0070	AT GLENTANA STREET, ROSSVILLE, GA.	No	28	0	0	28
CHCH0071	DRY CREEK AT 0.5 MILE FROM MOUTH	No	124	0	0	124

Station Period of Record Tabulation
From 09/18/57 To 12/15/98

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 12/15/98	01/01/75 to 12/31/84	Before 01/01/75
CHCH0072	0.5 MILES SOUTH OF TENNESSEE-GEORGIA STATE LINE	No	39	0	39	0
CHCH0073	MCFARLAND BRANCH AT BORG TEXTILES EFF	No	22	0	0	22
CHCH0074	MCFARLAND BRANCH AT ROSSVILLE DEVELOPMENT CO	No	57	0	0	57
CHCH0075	MCFARLANDS BRANCH	No	193	0	0	193
CHCH0076[1]	NEAR TN-GA STATE LINE	No	507	0	0	507
CHCH0077[1]	CHATTANOOGA CREEK - STATE LINE WEST OF ROSSVILLE	No	2608	2348	260	0
CHCH0078	ST. ELMO NEAR TN-GA STATE LINE	No	18	0	0	18
CHCH0079	NEAR PONDS	No	90	0	0	90
CHCH0080[1]	MCFARLAND BRANCH - N.OF STATE LINE RD; ROSSVILLE	No	2678	2437	241	0
CHCH0081	MCFARLAND BR AT THE TENN-GA LINE	No	125	0	0	125
CHCH0082	CHATTANOOGA CREEK 7.5 QUAD 106NE	No	65	0	65	0
CHCH0083[1]	TENNESSEE-GEORGIA STATE LINE	No	207	0	0	207
CHCH0084	CHATTANOOGA CREEK	No	153	0	0	153
CHCH0085	WILSON ROAD BRIDGE	No	263	0	263	0
CHCH0086	CHATTANOOGA CREEK 6.6 QUAD 106NE	No	3	0	3	0
CHCH0087	CHATT CK AT WILSON ROAD BRIDGE	No	168	0	0	168
CHCH0088	CHATTANOOGA C AT BURNT MILL BR, AT ST ELMO, TENN	No	138	138	0	0
CHCH0089	CHATT CK AT BURNT MILL ROAD	No	16	0	0	16
CHCH0090	POND NEAR TENNESSEE-GEORGIA STATE LINE	No	263	0	263	0
CHCH0091	CHATTANOOGA CREEK 5.83 QUAD 106NE	No	68	0	68	0
CHCH0092	CHATTANOOGA CREEK 6.0 QUAD 106NE	No	65	0	65	0
CHCH0093	SPRINGVALE ROAD BRIDGE	No	165	0	0	165
CHCH0094	CHATT CK VELSICOL CHEM. CORP.	No	48	0	0	48
CHCH0095	VELSICOL CHEM CO RESIDUE HILL AT CHATTANOOGA TN	No	0	0	0	0
CHCH0096	VELSICOL CHEM CO RESIDUE HILL AT CHATTANOOGA TN	No	0	0	0	0
CHCH0097	HIGHWAY 41 BRIDGE 0.23 MILES N OF TENN-GA LINE	No	26	26	0	0
CHCH0098		No	2	0	0	2
CHCH0099	WEST CHICKAMAUGA CREEK	No	198	156	0	42
CHCH0100	CHATT CK VELSICOL CHEM. CORP.	No	49	0	0	49
CHCH0101	CHATTANOOGA CREEK	No	100	0	0	100
CHCH0102	CHATT CK AT HOOKER ROAD BRIDGE	No	186	0	0	186
CHCH0103	TWENTY-SEVEN SPIDER CAVE	Yes	10	10	0	0
CHCH0104	CHATTANOOGA CREEK 5.2 QUAD 106NE	No	72	0	72	0
CHCH0105[1]	HAMILL ROAD BRIDGE	No	289	0	0	289
CHCH0106	CHATT CK AT HAMMILL ROAD BRIDGE	No	168	0	0	168
CHCH0107	HAMILL ROAD BRIDGE	No	253	0	253	0
CHCH0108	CHATT CK WOODWARD CORP OIL SEPAR	No	83	0	0	83
CHCH0109	CHATT CK REILLY CORP OIL SEP. EF	No	66	0	0	66
CHCH0110	CHATT CK VELSICOL CHEM. CORP.	No	48	0	0	48
CHCH0111	HOOKER HAMILL ROAD CULVERT	No	261	0	261	0
CHCH0112	TNHM567R	No	13	0	13	0
CHCH0113	CHATT CK @ UNNAMED TRIB. @ M 0.2	No	206	0	0	206
CHCH0114[1]	SOUTH CHICKAMAUGA CREEK	No	114	0	0	114
CHCH0115	CHATT CK AT JACKSON MFG CO DISCH	No	0	0	0	0
CHCH0116	CHATT CK WOODWARD CORP N. DITCH	No	63	0	0	63
CHCH0117	CHATT CK WOODWARD CORP H20 DRAIN	No	63	0	0	63
CHCH0118	CHATT CK VELSICOL CHEM. CORP.	No	49	0	0	49
CHCH0119	LOOKOUT CK L&N RR UNDERDRAIN EFF	No	64	0	0	64
CHCH0120	CHATT CK SWIFT CO. COOLING WATER	No	46	0	0	46
CHCH0121	CHATTANOOGA CREEK 4.9 QUAD 106NE	No	68	0	68	0
CHCH0122	TRIBUTARY TO CHATTANOOGA CREEK 4.45	No	263	0	263	0
CHCH0123	CHATT CK SWIFT CO. STORM SEWER	No	90	0	0	90
CHCH0124	HM:H-10S	No	0	0	0	0
CHCH0125	CHATTANOOGA CREEK 4.7 QUAD 106NE	No	82	0	82	0
CHCH0126	ABOVE L&N RR WAUHATCHIE YARDS	No	422	0	0	422
CHCH0127	CHATTANOOGA CREEK 4.4 QUAD 105SE	No	83	0	83	0
CHCH0128	LOOKOUT CK L&N RR DITCH @ ENTRA	No	64	0	0	64
CHCH0129	AT RR CROSSING NEAR ELISE CHAPIN WILDLIFE SANCT.	No	23	0	0	23
CHCH0130	SPRING CREEK ROAD BRIDGE	No	222	0	0	222
CHCH0131	LOOKOUT CK L&N RR OIL SEPAR. DIS	No	65	0	0	65
CHCH0132	LOOKOUT CK L&N RR STP	No	61	0	0	61
CHCH0133	CHATTANOOGA C AT 38TH STREET AT CHATTANOOGA TENN	No	5	0	5	0
CHCH0134	CHATTANOOGA CREEK	No	51	0	0	51
CHCH0135	CHATTANOOGA CREEK 4.22 QUAD 105SE	No	8	0	8	0
CHCH0136	CHATTANOOGA CREEK 4.1 QUAD 105SE	No	90	0	90	0
CHCH0137	EAST 38TH. STREET BRIDGE	No	520	0	520	0
CHCH0138	CHATT CK AT 38TH STREET BRIDGE	No	132	0	0	132
CHCH0139		No	0	0	0	0
CHCH0140	LOOKOUT CK L&N HOLDING PD OVRFLW	No	65	0	0	65
CHCH0141	TNHM512R	No	14	0	14	0
CHCH0142	CHATTANOOGA CREEK 3.8 QUAD 105SE	No	98	0	98	0

Station Period of Record Tabulation
From 09/18/57 To 12/15/98

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 12/15/98	01/01/75 to 12/31/84	Before 01/01/75
CHCH0143	CHATTANOOGA CREEK 3.63 QUAD 105SE	No	11	0	11	0
CHCH0144	CHATT CK AT CLIFTON HILLS SUBDIV	No	140	0	0	140
CHCH0145	CHATTANOOGA CREEK	No	12	0	0	12
CHCH0146	CHATT CK AT CHATTUM DRUG CO. EFF	No	48	0	0	48
CHCH0147[1]	LOOKOUT CK 2.2/CHATTANOOGA NATURE CEN/QUAD105SE	No	104	104	0	0
CHCH0148	CHATTANOOGA CREEK 3.24 QUAD 105SE	No	11	0	11	0
CHCH0149	SOUTH CHICKAMAUGA CREEK NEAR CHICKAMAUGA, TN	No	411	80	242	89
CHCH0150	SOUTH CHICKAMAUGA CREEK AT CHICKAMAUGA, TN	No	480	0	480	0
CHCH0151[1]	LEE HIGHWAY BRIDGE	No	726	0	202	524
CHCH0152	S.CHICKAMAUGA CK AT LEE HWY	No	17	0	0	17
CHCH0153	BATTLEFIELD PIT #2	Yes	10	10	0	0
CHCH0154	CHATTANOOGA CREEK 2.94 QUAD 105SE	No	15	0	15	0
CHCH0155	BATTLEFIELD PIT #1	Yes	10	10	0	0
CHCH0156	TRIBUTARY TO CHATTANOOGA CREEK 0.3	No	266	0	266	0
CHCH0157	DOBBS BRANCH 0.76 QUAD 105SE	No	81	0	81	0
CHCH0158	CHATTANOOGA CREEK 2.7 QUAD 105SE	No	77	0	77	0
CHCH0159	SPRING CR TRIB AT LERCH ST AT CHATTANOOGA, TN	No	621	621	0	0
CHCH0160	DOBBS BRANCH 0.82 QUAD 105SE	No	82	0	82	0
CHCH0161	TNHM503R	No	13	0	13	0
CHCH0162	CHATT CK END OF RR SPUR AT M 2.5	No	133	0	0	133
CHCH0163	RR BRIDGE AT CRAVENS YARDS	No	287	0	275	12
CHCH0164	CHATTANOOGA CREEK 0.5 QUAD 105SE	No	124	0	124	0
CHCH0165		No	4	0	0	4
CHCH0166	MYSTERY FALLS	No	10	10	0	0
CHCH0167	RED BARREL PIT	Yes	10	10	0	0
CHCH0168	CHATT CK @ CRANE CO WASTE DISCH	No	81	0	0	81
CHCH0169[1]	RR BRIDGE AT CRAVENS YARDS	No	1326	0	276	1050
CHCH0170	CHATT CK AT L&N RR BRIDGE-MI. .6	No	254	0	0	254
CHCH0171	CHATTANOOGA	No	38	0	38	0
CHCH0172	LOOKOUT MOUNTAIN CAVE	No	10	10	0	0
CHCH0173	CHATTANOOGA CREEK 2.38 QUAD 105SE	No	18	0	18	0
CHCH0174	CHATTANOOGA CREEK	No	89	0	0	89
CHCH0175	LOOKOUT CREEK	No	91	0	0	91
CHCH0176	BOAT LAUNCH SITE	No	59	59	0	0
CHCH0177[1]	CHATTANOOGA CR 0.9 SOUTHERN RR QUAD 105SE	No	3955	3186	769	0
CHCH0178	U.S. HWYS 41 AND 64 BRIDGE EAST OF TIFTONIA	No	722	0	0	722
CHCH0179	DOBBS BRANCH	No	12	0	0	12
CHCH0180	STATION WAS 2.2 UNTIL JAN.1,1969	No	81	0	0	81
CHCH0181	CHATTANOOGA CREEK	No	111	0	0	111
CHCH0182	AT BURNETT STREET	No	28	0	0	28
CHCH0183	ABOVE CENTRAL OF GEORGIA RR	No	28	0	0	28
CHCH0184	CHATTANOOGA CREEK 2.1 QUAD 105SE	No	79	0	79	0
CHCH0185	DOBBS BR @ UNNAMED TRIB. @ M 0.3	No	158	0	0	158
CHCH0186	CHATT CK AT MARKET STREET BRIDGE	No	132	0	0	132
CHCH0187	CHATTANOOGA CREEK 2.0 QUAD 105SE	No	44	0	44	0
CHCH0188	TRIBUTARY TO CHATTANOOGA CREEK 2.2	No	263	0	263	0
CHCH0189	RAILROAD BRIDGE	No	261	0	261	0
CHCH0190[1]	NICKAJACK RESERVOIR	No	620	0	0	620
CHCH0191	NICKAJACK RESERVOIR	No	103	0	0	103
CHCH0192	DOBBS BR AT CENTRAL OF GA RR BRD	No	169	0	0	169
CHCH0193	DOBBS BRANCH 0.04 QUAD 105SE	No	8	0	8	0
CHCH0194	CHATT CK @ S. RR SHIPPS YARD BR.	No	128	0	0	128
CHCH0195	BROAD STREET BRIDGE	No	32	0	0	32
CHCH0196	CHATT CK AT BROAD STREET BRIDGE	No	135	0	0	135
CHCH0197	CHATTANOOGA CREEK	No	75	0	0	75
CHCH0198	CHATT CK-WHELAND FOUNDRY DIS. #1	No	0	0	0	0
CHCH0199	CHATT CK WHELAND FOUNDRY DIS.	No	22	0	0	22
CHCH0200	CHATT CK WHELAND FOUNDRY DIS.	No	22	0	0	22
CHCH0201	CHATT CK WHELAND FOUNDRY DIS.	No	21	0	0	21
CHCH0202	TENNESSEE RIVER	No	259	0	0	259
CHCH0203	TNHM502R	No	14	0	14	0
CHCH0204	S.CHICKAMAUGA CK ABV BRAINERD ST	No	20	0	0	20
CHCH0205	NEAR SEWAGE DISPOSAL PLANT	No	0	0	0	0
CHCH0206	S CHICK CR E BRAINERD SEWG EFF	No	0	0	0	0
CHCH0207	NICKAJACK RESERVOIR	No	22	0	0	22
CHCH0208[1]	NICKAJACK RESERVOIR	No	350	0	338	12
CHCH0209		No	2	0	0	2
CHCH0210	LOOKOUT CREEK	No	54	0	0	54
CHCH0211	TENN R US PIPE S STORM SEWER EFF	No	52	0	0	52
CHCH0212	S.CHICKAMAUGA CK BLW BRAINERD ST	No	24	0	0	24
CHCH0213	DOBBS BR UNNAMED TRIB. M 0.3	No	122	0	0	122

Station Period of Record Tabulation
From 09/18/57 To 12/15/98

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 12/15/98	01/01/75 to 12/31/84	Before 01/01/75
CHCH0214	TENN R US PIPE N STORM SEWER EFF	No	52	0	0	52
CHCH0215	TNMR504R	No	13	0	13	0
CHCH0216[1]	0.5 MILE EAST OF BRAINERD HIGH SCHOOL	No	178	0	0	178
CHCH0217	CHATT CK MODERN MAID PICKLE EFF.	No	53	0	0	53
CHCH0218	CHATT CK MODERN MAID PAINT EFF.	No	25	0	0	25
CHCH0219	CHATT CK MODERN MAID CER. BASE	No	39	0	0	39
CHCH0220	TENNESSEE RIVER	No	540	0	0	540
CHCH0221	TENNESSEE RIVER	No	538	0	0	538
CHCH0222	SOUTH CHICKAMAUGA CREEK AT GAF CORP DISCHARGE	No	100	0	0	100
CHCH0223	TENN R US PIPE EFF TO RIVER	No	48	0	0	48
CHCH0224	NICKAJACK RESERVOIR	No	27	0	0	27
CHCH0225	NICKAJACK RESERVOIR ADJACENT TO TRM 442.5	No	88	0	88	0
CHCH0226	NICKAJACK RESERVOIR	No	1349	0	0	1349
CHCH0227	TENNESSEE RIVER 459.0 MOCCASIN BEND QUAD 105SE	No	13	0	13	0
CHCH0228	TENN R COMBUSTION ENGINEERING E	No	46	0	0	46
CHCH0229	AT MOUTH OF UNNAMED TRIBUTARY	No	99	0	0	99
CHCH0230[1]	RGN 4	No	1459	0	0	1459
CHCH0231	SOUTH CHICKAMAUGA CREEK	No	70	0	0	70
CHCH0232	TRIBUTARY TO SOUTH CHICKAMAUGA CREEK 8.8	No	39	0	0	39
CHCH0233[1]	AIRPORT ROAD BRIDGE	No	283	0	0	283
CHCH0234	FRIARS BR AT AIRPORT ROAD BRIDGE	No	23	0	0	23
CHCH0235	FRIARS BR NR NEW AIRPORT RD BRDG	No	76	0	0	76
CHCH0236	CITICO CR HOLTCLAW-CITICO AV CTL	No	0	0	0	0
CHCH0237	NICKAJACK RESERVOIR	No	69	0	0	69
CHCH0238	S CHICK CR E BRAINERD SEWGE EFF	No	0	0	0	0
CHCH0239[1]	WILCOX BOULEVARD BRIDGE	No	421	0	0	421
CHCH0240	S.CHICKAMAUGA CK @ SHALLOWFORD R	No	27	0	0	27
CHCH0241	PINEY WOODS WASTE SITE AT CHATTANOOGA TN	No	145	0	145	0
CHCH0242	PINEY WOODS WASTE SITE AT CHATTANOOGA TN	No	146	0	146	0
CHCH0243	TENNESSEE AMERICAN WATER CO AT CHATTANOOGA TENN	No	0	0	0	0
CHCH0244	TNHM566R	No	13	0	13	0
CHCH0245	FRIAR BRANCH TRIB NEAR TYNER, TN	No	644	644	0	0
CHCH0246	CITICO CREEK	No	12	0	0	12
CHCH0247	TENNESSEE R GIRL'S PREP SCHOOL	No	0	0	0	0
CHCH0248	NICKAJACK RESERVOIR	No	43	0	0	43
CHCH0249	CITICO CK 100 YDS UPSTRM RIVRSID	No	68	0	0	68
CHCH0250	TENN R MOCCASIN BEND STP EFF	No	182	0	0	182
CHCH0251	ABOVE RIVERSIDE DRIVE BRIDGE	No	707	0	0	707
CHCH0252	TRIB. TO CITICO CR. 0.67	No	53	0	0	53
CHCH0253	RIVERSIDE DRIVE BRIDGE	No	31	0	0	31
CHCH0254	CITIGO CREEK TRIBUTARY FROM SOUTHERN RAILROAD	No	129	0	0	129
CHCH0255	CITICO CR RIVERSIDE DR BR MDSTRM	No	0	0	0	0
CHCH0256	CITICO CK AT AMNICOLA HWY	No	16	0	0	16
CHCH0257	CITICO CR CONTROL MDSTM MILE 0.1	No	0	0	0	0
CHCH0258		No	2	0	0	2
CHCH0259	TENN R GILMAN PAINT CO. EFF.	No	22	0	0	22
CHCH0260	FRIARS BR AT SHALLOWFORD RD	No	17	0	0	17
CHCH0261	CITICO CK 100 YDS DWN FM SO. RR.	No	46	0	0	46
CHCH0262	TENN R DIXIE SAND AND GRAVEL EFF	No	30	0	0	30
CHCH0263	FRIARS BR UPSTREAM HWY 153 BRDGE	No	75	0	0	75
CHCH0264	SHALLOWFORD ROAD BRIDGE	No	241	0	0	241
CHCH0265	TENN.AMER.WATER CO.	No	7	0	7	0
CHCH0266	CHATT., TENN AT BROAD ST & 2ND S	No	1084	0	0	1084
CHCH0267	CHATT., TENN AT CHESTNUT & 2ND S	No	1041	0	0	1041
CHCH0268	NICKAJACK RESERVOIR	No	197	0	0	197
CHCH0269	CITICO CR SOUTHN RR EFF MILE 0.8	No	0	0	0	0
CHCH0270	CITICO CREEK	No	89	0	0	89
CHCH0271	CITICO CR CONTROL MDSTM MILE 0.6	No	0	0	0	0
CHCH0272	TENNESSEE RIVER BL CITICO CR AT CHATTANOOGA, TN.	No	9	0	0	9
CHCH0273[1]	TENNESSEE RIVER AT CHATTANOOGA	No	10851	0	0	10851
CHCH0274	CITICO CR CONTROL MDSTM MILE 0.8	No	0	0	0	0
CHCH0275	ITICO CREEK	No	89	0	0	89
CHCH0276	TENNESSEE RIVER TRIB AT CHATTANOOGA, TN	No	643	643	0	0
CHCH0277	TNMR506R	No	13	0	13	0
CHCH0278	TENN RIV AT INTKS CTY WATER CO	No	0	0	0	0
CHCH0279	TENN RIV CITY WATER LAB TAP WATR	No	0	0	0	0
CHCH0280	TENN-AM WATER CO. DATA 465.2 L	No	845	0	0	845
CHCH0281	CITICO CR ECON MILLS N BK MI 0.9	No	0	0	0	0
CHCH0282	NEAR ROLLINGWOOD	No	40	0	0	40
CHCH0283	TENN RIV CONSLTD LTX-AMNICOL EFF	No	0	0	0	0
CHCH0284	TENN-AM WATER CO. DATA 465.2 M	No	772	0	0	772

Station Period of Record Tabulation
From 09/18/57 To 12/15/98

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 12/15/98	01/01/75 to 12/31/84	Before 01/01/75
CHCH0285	NICKAJACK RESERVOIR	No	181	0	0	181
CHCH0286[1]	NICKAJACK RESERVOIR	No	4138	0	316	3822
CHCH0287[1]	TENNESSEE RIVER	No	5571	37	4550	984
CHCH0288	TENN RIV CONTROL MIDSTREAM	No	0	0	0	0
CHCH0289	TENN-AM WATER CO. DATA 465.2 R	No	844	0	0	844
CHCH0290	CHIEF JOHN ROSS LANDING	No	85	85	0	0
CHCH0291	NICKAJACK RESERVOIR	No	823	0	0	823
CHCH0292	CITICO CREEK TRIBUTARY FROM SOUTHERN RAILROAD	No	116	0	0	116
CHCH0293	CITICO CK 200 YDS UP FM TINKER S	No	90	0	0	90
CHCH0294	FRIARS BR AT STANDIFER GAP RD	No	19	0	0	19
CHCH0295	NICKAJACK RESERVOIR	No	31	0	0	31
CHCH0296	STANDIFER GAP ROAD BRIDGE	No	240	0	0	240
CHCH0297	TENNESSEE RIVER	No	180	0	0	180
CHCH0298	TENN RIV CONTROL N BK MILE 465.4	No	0	0	0	0
CHCH0299[1]	TENNESSEE RIVER MI. 444	No	5152	2916	2236	0
CHCH0300	TENNESSEE RIVER AT TRIB FROM AMNICOLA DUMP	No	122	0	0	122
CHCH0301	TENNESSEE RIVER	No	809	0	31	778
CHCH0302	FRIARS BR AT REID RD BRIDGE	No	17	0	0	17
CHCH0303	TENN R ROPER CO. COOLING H2O DIS	No	109	0	0	109
CHCH0304	TENN R ROPER CO. PROCESS WASTE	No	114	0	0	114
CHCH0305	TENN R ROPER CO. PICKLING PROC.	No	138	0	0	138
CHCH0306	TENN R ROPER CO. PAINT BOOTH DIS	No	114	0	0	114
CHCH0307	BILL MCNABB GULF	No	54	0	0	54
CHCH0308	NICKAJACK RESERVOIR	No	70	0	0	70
CHCH0309	TENN RIVER QUAKER OATS S BK	No	0	0	0	0
CHCH0310[1]	NICKAJACK RESERVOIR	No	1419	0	0	1419
CHCH0311	TANNERY BRANCH NR SOUTHERN RR YD	No	44	0	0	44
CHCH0312	CITICO CREEK TRIBUTARY FROM SOUTHERN RAILROAD	No	104	0	0	104
CHCH0313[1]	NICKAJACK RESERVOIR	No	2541	2522	0	19
CHCH0314	NICKAJACK RESERVOIR	No	128	128	0	0
CHCH0315	ABOVE RACCOON MTN INTAKE DISCHAR	No	151	0	151	0
CHCH0316	CITICO CREEK	No	49	0	37	12
CHCH0317	NICKAJACK RESERVOIR	No	214	0	214	0
CHCH0318	LIGHTFOOT MILL ROAD BRIDGE	No	92	0	0	92
CHCH0319	S.CHICKAMAUGA CK @ LIGHTFOOD MIL	No	20	0	0	20
CHCH0320	CITICO CR LATTA ST BRIDGE MDSTM	No	0	0	0	0
CHCH0321	NICKAJACK RESERVOIR	No	4	0	0	4
CHCH0322	CITICO CK TRIB NR LATTA ST	No	23	0	0	23
CHCH0323	CITICO CR DITCH AT NORTH HICKORY	No	0	0	0	0
CHCH0324	CITICO CR SUMP HOL PROP LN N HKY	No	0	0	0	0
CHCH0325	POE B AT FCA #2 HOLDING POND EFF	No	18	0	0	18
CHCH0326	CITICO CREEK AT APPLING STREET AT CHATTANOOGA, T	No	640	640	0	0
CHCH0327	CITICO CREEK	No	12	0	0	12
CHCH0328	CITICO CR WOOD BRIDGE ON N HICKO	No	0	0	0	0
CHCH0329[1]	TENNESSEE RIVER	No	1847	0	1042	805
CHCH0330	SOUTH CHICKAMAUGA CREEK AT FARMERS CHEM DISCHARG	No	89	0	0	89
CHCH0331	CITICO CK TRIB NR TECH FINISHING	No	17	0	0	17
CHCH0332	FCA DRAIN DITCH #1 HOLDING POND	No	20	0	0	20
CHCH0333	CITICO CR STUART ST AT RR CROSSG	No	0	0	0	0
CHCH0334	L&N RR BRIDGE	No	25	0	0	25
CHCH0335[1]	NICKAJACK RESERVOIR	No	1780	0	542	1238
CHCH0336	TENN RIV CONTROL S BANK MI 466.8	No	0	0	0	0
CHCH0337	CITICO CR DESOTA-ROUAL HAWTHRNST	No	0	0	0	0
CHCH0338	FCA DRAIN DITCH MANHOLE FCA STP	No	11	0	0	11
CHCH0339	CITICO CREEK	No	12	0	0	12
CHCH0340	FCA DRAIN DITCH AT FCA STP	No	16	0	0	16
CHCH0341	S.CHICKAMAUGA CK AT HWY 58	No	21	0	0	21
CHCH0342[1]	TN HWY 58 BRIDGE	No	1324	0	0	1324
CHCH0343	TENNESSEE RIVER AT SEABOARD ALLIED MILLING	No	88	0	0	88
CHCH0344	FCA DRAIN DITCH AT EAST ACID RD	No	16	0	0	16
CHCH0345	TENN RIV SEABORN-ALLIED EFF S BK	No	0	0	0	0
CHCH0346	CITICO CK TRIB RIVERSIDE DR BRDG	No	22	0	0	22
CHCH0347	ROAD CROSSING 0.45 NW OF VALDEAU	No	700	0	0	700
CHCH0348	TENNESSEE RIVER AT CHATTANOOGA, TN	No	779	713	3	63
CHCH0349	STRINGERS BRACH	No	91	0	0	91
CHCH0350	SO CHICK CR MOCCASIN BUSHING EFF	No	0	0	0	0
CHCH0351	SO CHICK CR AMNICOLA BRIDGE MDST	No	0	0	0	0
CHCH0352	CHICKAMAUGA CREEK	No	91	0	0	91
CHCH0353		No	2	0	0	2
CHCH0354[1]	SOUTH CHICKAMAUGA CRK. 0.4	No	2923	946	1977	0
CHCH0355	S.CHICKAMAUGA CK BLW AMNICOLA HW	No	21	0	0	21

Station Period of Record Tabulation
From 09/18/57 To 12/15/98

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 12/15/98	01/01/75 to 12/31/84	Before 01/01/75
CHCH0356	S.CHICKAMAUGA CK ABV AMNICOLA HW	No	22	0	0	22
CHCH0357	SO CHICK CR MIDSTREAM MILE 0.2	No	0	0	0	0
CHCH0358	S.CHICKAMAUGA CK AMNICOLA HWY BD	No	44	0	0	44
CHCH0359	S CHICK CR ROXBURY SOU MILLS EFF	No	0	0	0	0
CHCH0360	SO CHICK CR CITY SEWER PUMP STAT	No	0	0	0	0
CHCH0361	SOUTH CHICKAMAUGA CREEK	No	90	0	0	90
CHCH0362	TENNESSEE RIVER AT CENTRAL SOYA DISCHARGE	No	115	0	0	115
CHCH0363	TENNESSEE RIVER AT CENTRAL SOYA STORM DRAIN	No	90	0	0	90
CHCH0364	SO CHICK CR STEIN CONSTR CO EFF	No	0	0	0	0
CHCH0365	SOUTH CHICKAMAUGA CREEK AT ALCO CHEM CO POND	No	100	0	0	100
CHCH0366	SOUTH CHICKAMAUGA CREEK AT ALCO CHEM CO DISCHARG	No	55	0	0	55
CHCH0367	SOUTH CHICKAMAUGA CREEK AT ALCO CHEM CO DISCHARG	No	8	0	0	8
CHCH0368	SOUTH CHICKAMAUGA CREEK AT MUELLER CO DISCHARGE	No	93	0	0	93
CHCH0369	SOUTH CHICKAMAUGA CREEK AT MUELLER CO EFFLUENT	No	99	0	0	99
CHCH0370	SO CHICK DESOTA-ROYAL EFF W BANK	No	0	0	0	0
CHCH0371	TRIBUTARY TO TENNESSEE RIVER 468.20	No	29	0	0	29
CHCH0372		No	2	0	0	2
CHCH0373	S CHICK CR HAWTHORNE ST DUMP EFF	No	0	0	0	0
CHCH0374	SO CHICK CR W R GRACE EFF W BANK	No	0	0	0	0
CHCH0375	S CHICK CR MUELLER VALE EFF	No	0	0	0	0
CHCH0376	S CHIC CR MUELLER VAL EFF MI 1.1	No	0	0	0	0
CHCH0377	FCA DRAIN DITCH N EAST ACID RD	No	14	0	0	14
CHCH0378	SOUTH CHICKAMAUGA CREEK AT NO HAWTHORNE ST DUMP	No	126	0	0	126
CHCH0379	S.CHICKAMAUGA CK TRIB GRACE CHEM	No	82	0	0	82
CHCH0380	SOUTH CHICKAMAUGA CREEK AT W R GRACE DISCHARGE	No	64	0	0	64
CHCH0381	S CHICK ALCO CHEM CO EFF W BANK	No	0	0	0	0
CHCH0382	LAKE JUNIOR SWIMMING AREA	No	30	30	0	0
CHCH0383	TENN-AM WATER CO. DATA 468.4 L	No	849	0	0	849
CHCH0384	FCA DRAIN DITCH E EAST ACID RD	No	17	0	0	17
CHCH0385	TENN-AM WATER CO. DATA 468.4 M	No	867	0	0	867
CHCH0386	FCA DRAIN DITCH W EAST ACID RD	No	14	0	0	14
CHCH0387		No	2	0	0	2
CHCH0388	FCA DRAIN DITCH NH4-NO3 PLANT	No	14	0	0	14
CHCH0389	TENN-AM WATER CO. DATA 468.4 R	No	870	0	0	870
CHCH0390	TENN R SIGNAL MTN. CEMENT EFF.	No	22	0	0	22
CHCH0391	UNNAMED	No	48	0	0	48
CHCH0392[1]	NICKAJACK RESERVOIR	No	398	329	0	69
CHCH0393	FCA DRAIN DITCH E MAIN ACCESS R	No	17	0	0	17
CHCH0394	NICKAJACK RESERVOIR	No	12	0	0	12
CHCH0395	FCA DRAIN DITCH S NH4 PLANT	No	17	0	0	17
CHCH0396	FCA DRAIN DITCH SE HNO3 PLANT	No	17	0	0	17
CHCH0397	CHICKAMAUGA BOAT HARBOR DOCK	No	30	30	0	0
CHCH0398	CHICKAMAUGA RECREATION AREA	No	92	92	0	0
CHCH0399	CHICKAMAUGA BACT. - SEE DESCRIPTIVE PARAGRAPH	No	20	20	0	0
CHCH0400	TENN RIVER POLYSAR EFF WEST BANK	No	0	0	0	0
CHCH0401	AT SIGNAL MOUNTAIN BOULEVARD	No	507	0	0	507
CHCH0402	TNMR509R	No	11	0	11	0
CHCH0403	FISHING PIERS AT C.B. ROBINSON BRIDGE-RIVERPARK	No	22	22	0	0
CHCH0404	MOUNTAIN CREEK	No	91	0	0	91
CHCH0405	TENNESSEE R STATE TECH INST.	No	0	0	0	0
CHCH0406	TENNESSEE RIVER	No	783	0	0	783
CHCH0407	TENN-AM WATER CO. DATA 470.0 L	No	918	0	0	918
CHCH0408	CHICKAMAUGA LAKE	No	223	0	0	223
CHCH0409[1]	CHICKAMAUGA DAM TAILRACE	No	6705	2051	1276	3378
CHCH0410	CHICKAMAUGA DAM TAILRACE	No	0	0	0	0
CHCH0411	CHICKAMAUGA MODERNIZATION PROGRAM - TAILRACE	No	974	974	0	0
CHCH0412	BOAT LAUNCH SITE BELOW CHICKAMAUGA DAM	No	30	30	0	0
CHCH0413	NICKAJACK RESERVOIR	No	1309	0	0	1309
CHCH0414	CHICKAMAUGA MODERNIZATION PROGRAM	No	5078	5078	0	0
CHCH0415	CHICKAMAUGA MODERNIZATION PROGRAM - DRAFT TUBES	No	284	284	0	0
CHCH0416[1]	TENNESSEE RIVER AT CHICKAMAUGA DAM (TW), TENN	No	3952	0	1633	2319
CHCH0417	TENN-AM WATER CO. DATA 470.0 M	No	918	0	0	918
CHCH0418[1]	CHICKAMAUGA DAM TAILWATER	No	1037	0	230	807
CHCH0419	NICKAJACK RESERVOIR BELOW CHICKAMAUGA DAM	No	274	274	0	0
CHCH0420	CHICKAMAUGA MODERNIZATION PROGRAM	No	820	820	0	0
CHCH0421	TENN-AM WATER CO. DATA 470.0 R	No	869	0	0	869
CHCH0422	TENN RIV DUPONT MILE 469.9 N BK	No	0	0	0	0
CHCH0423	TENNESSEE RIVER	No	98	0	0	98
CHCH0424	TENNESSEE RIVER	No	91	0	0	91
CHCH0425	BELOW CHICKAMAUGA DAM	No	12	0	0	12
CHCH0426	CHICKAMAUGA LAKE TN RIVER MI 472.3- MIDSTREAM	No	50	0	0	50

Station Period of Record Tabulation
From 09/18/57 To 12/15/98

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 12/15/98	01/01/75 to 12/31/84	Before 01/01/75
CHCH0427[1]	CHICKAMAUGA RESERVOIR - ABOVE CHICKAMAUGA DAM	No	5360	5360	0	0
CHCH0428	TENNESSEE RIVER	No	1128	0	0	1128
CHCH0429	TENNESSEE RIVER AT E I DUPONT CO SETTLING PONDS	No	92	0	0	92
CHCH0430	NICKAJACK RESERVOIR	No	4	0	0	4
CHCH0431	CHICKAMAUGA RESERVOIR	No	509	509	0	0
CHCH0432	NORTH CHICKAMAUGA CREEK MOUTH	No	0	0	0	0
CHCH0433[1]	CHICKAMAUGA RES. AT LIGHTED BUOY	No	12791	9810	19	2962
CHCH0434	TENNESSEE RIVER	No	112	0	0	112
CHCH0435	CHICKAMAUGA EMBAYMTS - SEE DESCRIPTIVE PARAGRAPH	No	758	758	0	0
CHCH0436	NEAR CHICKAMAUGA DAM	No	4	0	0	4
CHCH0437	NORTH CHICKAMAUGA CREEK	No	0	0	0	0
CHCH0438	NORTH CHICKAMAUGA CREEK	No	91	0	0	91
CHCH0439	TNHM504R	No	13	0	13	0
CHCH0440	BOAT LAUNCH SITE	No	63	63	0	0
CHCH0441	N. CHICKAMAUGA CK. GREENWAY - BOAT LAUNCH	No	36	36	0	0
CHCH0442	TENNESSEE RIVER NEAR SIGNAL MOUNTAIN, TN.	No	9	0	0	9
CHCH0443[1]	CHICKAMAUGA RESERVOIR	No	3669	1039	1855	775
CHCH0444	BOOKER T. WASHINGTON STATE PARK	No	30	30	0	0
CHCH0445	NICKAJACK RESERVOIR	No	2636	0	0	2636
CHCH0446	N. CHICKAMAUGA CK. GREENWAY - SWIMMING HOLE	No	54	54	0	0
CHCH0447	NORTH CHICKAMAUGA CR. TRIBUTARY	No	0	0	0	0
CHCH0448	NICKAJACK RESERVOIR	No	54	0	0	54
CHCH0449[1]	CHICKAMAUGA RESERVOIR	No	3707	3707	0	0
CHCH0450	TENNESSEE RIVER	No	531	0	0	531
CHCH0451	TNMR511R	No	13	0	13	0
CHCH0452[1]	SUCK CREEK NEAR CHATTANOOGA, TN	No	140	0	140	0
CHCH0453	SUCK CREEK	No	89	0	0	89
CHCH0454	NORTH CHICKAMAUGA CR. TRIBUTARY	No	0	0	0	0
CHCH0455	NORTH CHICKAMAUGA CREEK	No	39	0	0	39
CHCH0456	NORTH CHICKAMAUGA CREEK AT HAMILLVILLE, TN	No	497	0	473	24
CHCH0457[1]		No	703	0	158	545
CHCH0458	BETHEL BIBLE SCHOOL	No	66	66	0	0
CHCH0459	8PHEMERAL CHANNEL AT NORTHGATE SHPG CTR HIXSON,	No	646	646	0	0
CHCH0460	NORTH CHICKAMAUGA CREEK	No	0	0	0	0
CHCH0461	TENN RIV BELOW CHICK DAM MIDCHAN	No	0	0	0	0
CHCH0462	TNHM510R	No	13	0	13	0
CHCH0463	TNMR508R	No	13	0	13	0

[1]Longer Term Station With At Least 6 Parameters Having An Average of 1 Or More Observations Per Year During a Period of Record Extending At Least 2 Years.

Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Parameter Code	Name	Total Obs	01/01/85 to 12/15/98	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	4805	2219	499	2087	127	2
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	8625	4682	958	2985	192	2
00004	STREAM WIDTH (FEET)	1	0	0	1	1	0
00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	4104	1435	685	1984	182	2
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11401	5497	1667	4237	309	8
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	232	0	0	232	9	0
00019	SAMPLE WEIGHT IN GRAMS	141	141	0	0	4	0
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	629	445	184	0	16	5
00023	SAMPLE WEIGHT IN POUNDS	121	13	108	0	8	0
00024	SAMPLE LENGTH IN INCHES	121	13	108	0	8	0
00025	BAROMETRIC PRESSURE (MM OF HG)	209	139	70	0	5	0
00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	1246	801	380	65	19	0
00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	541	281	234	26	23	0
00031	LIGHT,INCIDENT, PERCENT REMAING AT CERTAIN DEPTH	4	4	0	0	1	0
00039	SAMPLE LENGTH IN MILLIMETERS	139	139	0	0	4	0
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	16	0	0	16	1	0
00052	HUMIDITY, RELATIVE (PERCENT)	7	7	0	0	7	5
00058	FLOW, RATE GALLONS/MIN	109	0	0	109	37	0
00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	48	0	0	48	15	0
00060	FLOW, STREAM, MEAN DAILY CFS	745	27	49	669	32	0
00061	FLOW, STREAM, INSTANTANEOUS CFS	2523	644	939	940	82	2
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	57	57	0	0	3	0
00063	SAMPLING POINTS, NUMBER OF IN A CROSS SECTION	1	1	0	0	1	0
00064	DEPTH OF STREAM, MEAN (FT)	428	2	0	426	13	1
00065	STAGE, STREAM (FEET)	402	199	193	10	8	0
00070	TURBIDITY, (JACKSON CANDLE UNITS)	2765	1	501	2263	137	0
00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	44	0	0	44	3	0
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	742	643	72	27	7	0
00077	TRANSPARENCY, SECCHI DISC (INCHES)	9	0	0	9	3	0
00078	TRANSPARENCY, SECCHI DISC (METERS)	167	167	0	0	4	0
00080	COLOR (PLATINUM-COBALT UNITS)	1986	267	308	1411	106	1
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	1402	77	236	1089	58	0
00083	COLOR,SPECTROPHTOMETRIC,FIL,WATER SPL ADMI UNITS	1	1	0	0	1	0
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	378	0	0	378	28	0
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	11	11	0	0	1	0
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	3927	3863	35	29	19	0
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	3597	976	1142	1479	170	7
00098	SAMPLING STATION LOCATION VERTICAL (METERS)	1117	819	298	0	39	1
00100	TIME OF TRAVEL (HOURS)	1	0	0	1	1	0
00154	SULFATE (AS S) WHOLE WATER, MG/L	8	8	0	0	8	6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	1	1	0	0	1	1
00300	OXYGEN, DISSOLVED MG/L	10496	5346	1159	3991	221	2
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	47	0	47	0	4	0
00303	BOD, 1DAY, 20 DEG C MG/L	82	12	0	70	18	2
00304	BOD, 2 DAY, 20 DEG C MG/L	167	37	0	130	41	2
00305	BOD, 3 DAY, 20 DEG C MG/L	77	6	0	71	18	2
00306	BOD, 4 DAY, 20 DEG C MG/L	90	19	0	71	18	2
00310	BOD, 5 DAY, 20 DEG C MG/L	3634	682	438	2514	232	2
00312	BOD, 6 DAY, 20 DEG C MG/L	35	22	1	12	10	0
00315	BOD, 7 DAY, 20 DEG C MG/L	58	46	0	12	6	0
00316	BOD, 8 DAY, 20 DEG C MG/L	28	16	0	12	6	0
00317	BOD, 9 DAY, 20 DEG C MG/L	49	37	0	12	6	0
00322	BOD, 10 DAY, 20 DEG C MG/L	21	9	0	12	6	0
00323	BOD, 15 DAY, 20 DEG C MG/L	31	19	0	12	6	0
00324	BOD, 20 DAY, 20 DEG C MG/L	66	60	0	6	4	0
00327	BOD, 11DAY, 20 DEG C MG/L	13	13	0	0	1	0
00328	BOD, 12 DAY, 20 DEG C MG/L	43	43	0	0	1	0
00329	BOD, 13 DAY, 20 DEG C MG/L	22	22	0	0	1	0
00331	BOD, 16 DAY, 20 DEG C MG/L	37	37	0	0	1	0
00332	BOD, 17 DAYS, 20 DEG C MG/L	6	6	0	0	1	0
00333	BOD, 18 DAY, 20 DEG C MG/L	16	16	0	0	1	0
00334	BOD, 19 DAY, 20 DEG C MG/L	6	6	0	0	1	0
00335	COD, .025N K2CR2O7 MG/L	1608	333	270	1005	78	0
00337	BOD, 23 DAY, 20 DEG C MG/L	3	3	0	0	1	0
00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	20	4	7	9	11	0
00340	COD, .25N K2CR2O7 MG/L	210	15	67	128	54	0
00345	BOD, 25 DAY, 20 DEG C MG/L	3	3	0	0	1	0
00347	BOD, 27 DAY, 20 DEG C MG/L	3	3	0	0	1	0
00350	BOD, 14 DAY, 20 DEG C MG/L	49	37	0	12	6	0
00369	CHLORINE DEMAND, 30 MINUTE (MG/L)	1	0	0	1	1	0
00370	CHLORINE DEMAND, 1 HOUR (MG/L)	267	0	0	267	1	0

Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Parameter Code	Name	Total Obs	01/01/85 to 12/15/98	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
00380	CHLORINE DEMAND, 24 HOUR (MG/L)	276	0	0	276	13	0
00400	PH (STANDARD UNITS)	7019	4268	1036	1715	224	1
00403	PH, LAB, STANDARD UNITS SU	2233	592	317	1324	141	0
00405	CARBON DIOXIDE (MG/L AS CO2)	78	0	70	8	12	0
00406	PH, FIELD, STANDARD UNITS SU	26	8	18	0	26	6
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	3110	547	703	1860	195	1
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	1353	1	351	1001	88	1
00417	ALKALINITY,FIXED ENDPOINT TITRATION, USGS LAB MG/L	95	95	0	0	3	0
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	11	0	8	3	1	0
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	89	89	0	0	2	0
00435	ACIDITY, TOTAL (MG/L AS CACO3)	190	0	47	143	33	0
00437	ACIDITY, CO2 (PHENOLPHTHALEIN) (MG/L AS CACO3)	298	1	132	165	13	0
00440	BICARBONATE ION (MG/L AS HCO3)	34	0	19	15	10	0
00445	CARBONATE ION (MG/L AS CO3)	15	0	9	6	8	0
00452	CARBONATE,WATER,DISS,INCR TIT, FIELD, AS CO3, MG/L	5	5	0	0	1	0
00453	BICARBONATE,WATER,DISS,INCR TIT,FIELD,AS HCO3,MG/L	6	6	0	0	1	0
00495	MOISTURE CONTENT (PERCENT OF TOTAL DRY WEIGHT)	2	0	0	2	2	0
00500	RESIDUE, TOTAL (MG/L)	976	104	180	692	134	0
00505	RESIDUE, TOTAL VOLATILE (MG/L)	123	0	0	123	44	0
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	1473	3	178	1292	156	0
00520	RESIDUE, VOLATILE FILTRABLE (MG/L)	3	0	0	3	3	0
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	2763	985	616	1162	145	0
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	276	62	0	214	47	0
00545	RESIDUE, SETTLEABLE (ML/L)	52	0	0	52	9	0
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	95	0	0	95	34	0
00554	OIL & GREASE, SEDIMENT, % OF DRY WEIGHT %	1	0	1	0	1	0
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	15	15	0	0	5	0
00572	BIOMASS, PERIPHYTON (GRAMS PER SQUARE METER)	9	0	9	0	6	0
00573	BIOMASS, PERIPHYTON,DRY WEIGHT TOTAL (G/M2)	9	0	9	0	6	0
00600	NITROGEN, TOTAL (MG/L AS N)	29	0	26	3	10	0
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	1274	231	216	827	85	2
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	9	0	9	0	5	0
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	30	13	9	8	13	0
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	3588	1054	486	2048	241	2
00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	4	0	4	0	4	0
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	29	13	9	7	13	0
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	498	8	0	490	66	2
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	17	0	9	8	8	0
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	555	8	9	538	73	8
00621	NITRATE NITROGEN, BOTTOM DEPOS. (MG/KG-N DRY WGT)	3	0	3	0	3	0
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	15	6	9	0	6	0
00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	9	0	9	0	5	0
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	772	69	50	653	142	1
00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	12	0	4	8	9	0
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	3059	1076	761	1222	198	1
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	39	13	23	3	16	0
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	733	292	359	82	22	0
00636	NITROGEN, AMMONIA&ORG., DISS. 1 DET (MG/L AS N)	7	0	0	7	1	0
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	6	0	0	6	2	0
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	13	0	0	13	2	0
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	17	0	14	3	9	0
00665	PHOSPHORUS, TOTAL (MG/L AS P)	3296	1076	764	1456	192	0
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	768	116	49	603	62	0
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	6	0	3	3	6	0
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	354	150	16	188	27	0
00677	PHOSPHORUS,HYDROLYZABLE + ORTHO,DIS,AUTOANALYZER	50	0	50	0	6	0
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	1675	744	384	547	129	0
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	139	116	6	17	12	0
00685	CARBON, TOTAL INORGANIC (MG/L AS C)	12	0	0	12	12	0
00686	CARBON, INORGANIC, IN BED MATERIAL (GM/KG AS C)	2	0	2	0	2	0
00687	CARBON, ORGANIC, IN BED MATERIAL (GM/KG AS C)	3	1	2	0	3	0
00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	5	5	0	0	1	0
00690	CARBON, TOTAL (MG/L AS C)	216	0	0	216	10	0
00693	CARBON, ORGANIC+INORG.-BOTTOM MAT. (GM/KG)	2	0	2	0	2	0
00700	ACIDS, TOTAL VOLATILE (MG/L AS ACETIC ACID)	1	0	0	1	1	0
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	48	17	16	15	27	0
00721	CYANIDE IN BOTTOM DEPOSITS (MG/KG AS CN DRY WGT)	1	1	0	0	1	0
00722	CYANIDE, FREE (AMENABLE TO CHLORINATION) MG/L	327	0	0	327	20	0
00745	SULFIDE, TOTAL (MG/L AS S)	1	0	0	1	1	0
00746	SULFIDE, DISSOLVED (MG/L AS S)	1	0	0	1	1	0
00800	NITZSCHIA KUTZINGIANA HILSE (NO/LITER)	1	0	0	1	1	0

Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Parameter Code	Name	Total Obs	01/01/85 to 12/15/98	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
00810	DIV CHRYPTOPHYTA.CLS CHRYPTOPHY-CEAE (NO/LITER)	1	0	0	1	1	0
00900	HARDNESS, TOTAL (MG/L AS CACO3)	2199	844	536	819	67	6
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	138	56	69	13	16	0
00903	HARDNESS,NON-CARBONATE,FIXED ENDPT. TIT. LAB MG/L	13	13	0	0	2	0
00910	CALCIUM (MG/L AS CACO3)	601	1	177	423	27	0
00915	CALCIUM, DISSOLVED (MG/L AS CA)	61	21	24	16	17	0
00916	CALCIUM, TOTAL (MG/L AS CA)	724	25	68	631	44	0
00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	7	7	0	0	2	0
00920	MAGNESIUM (MG/L AS CACO3)	480	0	57	423	14	0
00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	7	7	0	0	2	0
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	74	21	37	16	30	0
00927	MAGNESIUM, TOTAL (MG/L AS MG)	869	25	188	656	59	0
00929	SODIUM, TOTAL (MG/L AS NA)	1270	16	249	1005	73	0
00930	SODIUM, DISSOLVED (MG/L AS NA)	91	21	43	27	37	0
00931	SODIUM ADSORPTION RATIO	39	0	25	14	13	0
00932	SODIUM, PERCENT	39	0	25	14	13	0
00933	SODIUM,PLUS POTASSIUM (MG/L)	7	0	7	0	7	0
00934	SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	4	1	3	0	4	0
00935	POTASSIUM, DISSOLVED (MG/L AS K)	73	21	25	27	19	0
00937	POTASSIUM, TOTAL MG/L AS K)	1017	17	247	753	62	0
00938	POTASSIUM IN BOTTOM DEPOSITS (MG/KG AS K DRY WGT)	4	1	3	0	4	0
00940	CHLORIDE,TOTAL IN WATER MG/L	1786	36	277	1473	103	0
00945	SULFATE, TOTAL (MG/L AS SO4)	1489	36	349	1104	84	0
00950	FLUORIDE, DISSOLVED (MG/L AS F)	610	7	203	400	41	0
00951	FLUORIDE, TOTAL (MG/L AS F)	751	7	57	687	43	0
00955	SILICA, DISSOLVED (MG/L AS SI02)	255	7	186	62	21	0
00956	SILICA, TOTAL (MG/L AS SI02)	640	0	2	638	40	0
01000	ARSENIC, DISSOLVED (UG/L AS AS)	27	1	9	17	11	0
01002	ARSENIC, TOTAL (UG/L AS AS)	1021	361	302	358	67	0
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	42	5	33	4	29	0
01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	69	7	62	0	6	0
01005	BARIUM, DISSOLVED (UG/L AS BA)	14	0	1	13	2	0
01007	BARIUM, TOTAL (UG/L AS BA)	496	16	156	324	35	0
01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	6	1	3	2	6	0
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	14	1	0	13	2	0
01012	BERYLLIUM, TOTAL (UG/L AS BE)	361	32	28	301	36	0
01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	17	1	14	2	15	0
01017	BISMUTH, TOTAL (UG/L AS BI)	15	15	0	0	1	0
01020	BORON, DISSOLVED (UG/L AS B)	13	0	0	13	1	0
01022	BORON, TOTAL (UG/L AS B)	19	5	10	4	4	0
01025	CADMIUM, DISSOLVED (UG/L AS CD)	27	1	9	17	11	0
01027	CADMIUM, TOTAL (UG/L AS CD)	1542	367	383	792	68	0
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	49	10	34	5	27	0
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	69	10	52	7	45	0
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	25	1	9	15	9	0
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	5	1	0	4	5	0
01033	CHROMIUM, TRI-VAL (UG/L AS CR)	1	0	0	1	1	0
01034	CHROMIUM, TOTAL (UG/L AS CR)	1657	361	359	937	141	0
01035	COBALT, DISSOLVED (UG/L AS CO)	16	0	1	15	4	0
01037	COBALT, TOTAL (UG/L AS CO)	132	17	109	6	7	0
01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	17	1	14	2	12	0
01040	COPPER, DISSOLVED (UG/L AS CU)	25	1	9	15	9	0
01042	COPPER, TOTAL (UG/L AS CU)	1732	371	396	965	135	0
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	69	10	52	7	45	0
01044	IRON, SUSPENDED (UG/L AS FE)	71	0	71	0	8	0
01045	IRON, TOTAL (UG/L AS FE)	1682	61	342	1279	136	0
01046	IRON, DISSOLVED (UG/L AS FE)	722	44	138	540	52	0
01047	IRON, FERROUS (UG/L AS FE)	522	0	15	507	39	0
01049	LEAD, DISSOLVED (UG/L AS PB)	27	1	9	17	11	0
01051	LEAD, TOTAL (UG/L AS PB)	1712	364	382	966	130	0
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	51	10	34	7	29	0
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	32	7	18	7	16	0
01054	MANGANESE, SUSPENDED (UG/L AS MN)	85	0	85	0	22	0
01055	MANGANESE, TOTAL (UG/L AS MN)	1625	61	347	1217	135	0
01056	MANGANESE, DISSOLVED (UG/L AS MN)	691	44	153	494	68	0
01057	THALLIUM, DISSOLVED (UG/L AS TL)	1	1	0	0	1	0
01059	THALLIUM, TOTAL (UG/L AS TL)	48	33	15	0	22	0
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	13	0	0	13	1	0
01062	MOLYBDENUM, TOTAL (UG/L AS MO)	17	15	2	0	3	0
01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	2	0	0	2	2	0
01064	TELLURIUM, TOTAL IN WHOLE WATER SAMPLE (UG/L)	2	0	2	0	2	0

Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Parameter Code	Name	Total Obs	01/01/85 to 12/15/98	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
01065	NICKEL, DISSOLVED (UG/L AS NI)	15	1	1	13	3	0
01067	NICKEL, TOTAL (UG/L AS NI)	1015	364	224	427	82	0
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	50	7	36	7	36	0
01069	NICKEL, TOTAL IN FISH OR ANIMALS-WET WEIGHT MG/KG	13	3	10	0	5	0
01070	PHOSPHORUS, TOTAL, SPECTROGRAPH METH (UG/L AS P)	13	0	0	13	1	0
01073	THALLIUM,TISSUE,WET WEIGHT,MG/KG	3	3	0	0	1	0
01075	SILVER, DISSOLVED (UG/L AS AG)	14	1	0	13	2	0
01077	SILVER, TOTAL (UG/L AS AG)	493	33	149	311	39	0
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	17	1	14	2	15	0
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	14	0	1	13	2	0
01082	STRONTIUM, TOTAL (UG/L AS SR)	17	14	2	1	4	0
01083	STRONTIUM IN BOTTOM DEPOSITS(MG/KG AS SR DRY WGT)	2	0	0	2	2	0
01085	VANADIUM, DISSOLVED (UG/L AS V)	31	0	18	13	19	0
01087	VANADIUM, TOTAL (UG/L AS V)	18	16	2	0	4	0
01088	VANADIUM IN BOTTOM DEPOSITS (MG/KG AS V DRY WGT)	2	1	0	1	2	0
01090	ZINC, DISSOLVED (UG/L AS ZN)	27	1	9	17	11	0
01092	ZINC, TOTAL (UG/L AS ZN)	1684	369	271	1044	137	0
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	51	10	34	7	29	0
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	1	1	0	0	1	0
01097	ANTIMONY, TOTAL (UG/L AS SB)	118	17	82	19	21	0
01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	19	1	16	2	18	0
01099	ANTIMONY,TISSUE,WET WEIGHT,MG/KG	3	3	0	0	1	0
01102	TIN, TOTAL (UG/L AS SN)	19	16	3	0	5	0
01103	TIN IN BOTTOM DEPOSITS (MG/KG AS SN DRY WGT)	3	1	0	2	3	0
01105	ALUMINUM, TOTAL (UG/L AS AL)	606	25	166	415	46	0
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	30	0	27	3	26	0
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	15	7	6	2	7	0
01132	LITHIUM, TOTAL (UG/L AS LI)	16	0	12	4	2	0
01133	LITHIUM IN BOTTOM DEPOSITS (MG/KG AS LI DRY WGT)	1	0	0	1	1	0
01145	SELENIUM, DISSOLVED (UG/L AS SE)	6	1	2	3	6	0
01147	SELENIUM, TOTAL (UG/L AS SE)	430	33	93	304	46	0
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	30	1	27	2	26	0
01149	SELENIUM, TOTAL IN FISH OR ANIMALS WET WGT MG/KG	4	4	0	0	2	0
01152	TITANIUM, TOTAL (UG/L AS TI)	34	16	14	4	6	0
01153	TITANIUM IN BOTTOM DEPOSITS (MG/KG AS TI DRY WGT)	2	1	0	1	2	0
01162	ZIRCONIUM, TOTAL (UG/L AS ZR)	17	15	2	0	3	0
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	29	7	18	4	17	0
01203	YTTRIUM, TOTAL (UG/L AS Y)	17	15	2	0	3	0
01350	TURBIDITY (SEVERITY)	1	1	0	0	1	0
01501	ALPHA, TOTAL	262	0	0	262	14	0
01502	ALPHA, TOTAL, COUNTING ERROR	191	0	0	191	9	0
01503	ALPHA, DISSOLVED	262	0	0	262	14	0
01504	ALPHA, DISSOLVED, COUNTING ERROR	191	0	0	191	9	0
01505	ALPHA, SUSPENDED	217	0	0	217	9	0
01506	ALPHA, SUSPENDED, COUNTING ERROR	191	0	0	191	9	0
03501	BETA, TOTAL	397	0	0	397	14	0
03502	BETA, TOTAL, COUNTING ERROR	271	0	0	271	9	0
03503	BETA, DISSOLVED	398	0	0	398	14	0
03504	BETA, DISSOLVED, COUNTING ERROR	272	0	0	272	9	0
03505	BETA, SUSPENDED	352	0	0	352	9	0
03506	BETA, SUSPENDED, COUNTING ERROR	272	0	0	272	9	0
04024	PROPACHLOR,DISSOLVED,WATER,TOTAL RECOVERABLE UG/L	6	6	0	0	1	0
04028	BUTYLATE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	6	6	0	0	1	0
04029	BROMACIL, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	4	4	0	0	1	0
04035	SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	6	6	0	0	1	0
04037	PROMETON, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	6	6	0	0	1	0
04040	DEETHYL ATRAZINE,DISSOLVED,WATER,TOT REC UG/L	6	6	0	0	1	0
04041	CYANAZINE,DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	6	6	0	0	1	0
04095	FONOFOS, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	6	6	0	0	1	0
04190	DEPTH TO BOTTOM OF SCREEN, FROM MEAS.PT. METER	2	2	0	0	1	0
13501	STRONTIUM 90, TOTAL	24	0	0	24	1	0
13502	STRONTIUM 90, TOTAL, COUNTING ERROR	2	0	0	2	1	0
22703	URANIUM, NATURAL, DISSOLVED	18	0	18	0	18	0
30217	DIBROMOMETHANE, WATER, WHOLE, RECOVERABLE UG/L	15	15	0	0	5	0
30344	PENTACHLORODIBENZO-P-DIOXIN,12378,FISH,WET WT,PG/G	2	2	0	0	1	0
30345	HEXACHLORODIBENZO-P-DIOXIN,123478,FISH,WET WT,PG/G	2	2	0	0	1	0
30346	HEXACHLORODIBENZO-P-DIOXIN,123678,FISH,WET WT,PG/G	2	2	0	0	1	0
30347	HEXACHLORODIBENZO-P-DIOXIN,123789,FISH,WET WT,PG/G	2	2	0	0	1	0
30348	HEPTACHLORODIBENZO-P-DIOXIN,1234678,TIS,WETWT,PG/G	2	2	0	0	1	0
30349	TETRACHLORODIBENZOFURAN, 2378- , FISH,WET WT.,PG/G	2	2	0	0	1	0
30350	PENTACHLORODIBENZOFURAN,12378- , FISH,WET WT.,PG/G	2	2	0	0	1	0

Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Parameter Code	Name	Total Obs	01/01/85 to 12/15/98	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
30351	PENTACHLORODIBENZOFURAN,23478- , FISH,WET WT.,PG/G	2	2	0	0	1	0
30352	HEXACHLORODIBENZOFURAN,123478- , FISH,WET WT.,PG/G	2	2	0	0	1	0
30353	HEXACHLORODIBENZOFURAN,123678- , FISH,WET WT.,PG/G	2	2	0	0	1	0
30354	HEXACHLORODIBENZOFURAN,123789- , FISH,WET WT.,PG/G	2	2	0	0	1	0
30355	HEXACHLORODIBENZOFURAN,234678- , FISH,WET WT.,PG/G	2	2	0	0	1	0
30356	HEPTACHLORODIBENZOFURAN,1234678- ,FISH,WET WT,PG/G	2	2	0	0	1	0
30357	HEPTACHLORODIBENZOFURAN,1234789- ,FISH,WET WT,PG/G	2	2	0	0	1	0
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	1288	0	113	1175	106	1
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	292	0	0	292	1	0
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	353	0	0	353	50	0
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	20	20	0	0	5	0
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	1366	501	207	658	67	0
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	2240	710	320	1210	127	1
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	5	5	0	0	1	0
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	25	25	0	0	6	0
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	562	291	214	57	21	0
32000	SAMPLE SIZE (LITERS)	4	0	0	4	1	0
32001	SAMPLE SIZE (GALLONS)	100	0	0	100	1	0
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	100	0	0	100	1	0
32004	CARBON ALCOHOL EXTRACTABLES	100	0	0	100	1	0
32005	CARBON CHLOROFORM EXTRACTABLES	100	0	0	100	1	0
32021	CARBON CHLOROFORM EXTRACTS, ETHER INSOLUBLES OF	46	0	0	46	1	0
32022	CARBON CHLOROFORM EXTRACTS, WATER SOLUBLES OF	46	0	0	46	1	0
32023	ACIDS, STRONG	46	0	0	46	1	0
32024	ACIDS, WEAK	46	0	0	46	1	0
32025	BASES	46	0	0	46	1	0
32026	NEUTRALS, TOTAL	46	0	0	46	1	0
32027	ALIPHATICS FRACTION OF NEUTRALS	46	0	0	46	1	0
32028	AROMATICS FRACTION OF NEUTRALS	46	0	0	46	1	0
32029	OXYGENATED COMPOUNDS FRACTION OF NEUTRALS	46	0	0	46	1	0
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	46	30	16	0	23	0
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	46	30	16	0	23	0
32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	33	30	3	0	11	0
32104	BROMOFORM,WHOLE WATER,UG/L	46	30	16	0	23	0
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	32	19	13	0	19	0
32106	CHLOROFORM,WHOLE WATER,UG/L	47	30	17	0	24	0
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	202	202	0	0	4	0
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	201	201	0	0	4	0
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	201	201	0	0	4	0
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	9	0	0	9	3	0
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	201	201	0	0	4	0
32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	6	0	6	0	6	0
32224	PHEOPHYTIN A MG/M2 SPECTROPHOTOMETRIC ACID METH	9	0	9	0	6	0
32226	CHLOROPHYLL B, PERIPHYTON, SPECTRO, MG/M2	6	0	6	0	6	0
32227	CHLOROPHYLL C, PERIPHYTON SPECTO, MG/M2	6	0	6	0	6	0
32228	CHLOROPHYLL A, PERIPHYTON, SPECTRO, MG/M2	9	0	9	0	6	0
32240	TANNIN AND LIGNIN (MG/L)	1	0	1	0	1	0
32250	OIL, PETROLEUM ETHER EXTRACTABLES (MG/L)	37	0	0	37	6	0
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	404	10	13	381	79	0
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	46	30	16	0	23	0
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	45	30	15	0	22	0
34200	ACENAPHTHYLENE TOTWUG/L	33	18	15	0	21	0
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	13	0	13	0	12	0
34205	ACENAPHTHENE TOTWUG/L	33	18	15	0	21	0
34208	ACENAPHTHENE DRY WGTBOTUG/KG	31	0	31	0	28	0
34210	ACROLEIN TOTWUG/L	35	20	15	0	21	0
34213	ACROLEIN DRY WGTBOTUG/KG	13	0	13	0	12	0
34215	ACRYLONITRILE TOTWUG/L	35	20	15	0	21	0
34218	ACRYLONITRILE DRY WGTBOTUG/KG	13	0	13	0	12	0
34220	ANTHRACENE TOTWUG/L	33	18	15	0	21	0
34223	ANTHRACENE DRY WGTBOTUG/KG	32	0	32	0	29	0
34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	33	18	15	0	21	0
34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	13	0	13	0	12	0
34237	BENZENE DRY WGTBOTUG/KG	19	0	19	0	18	0
34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	33	18	15	0	21	0
34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	13	0	13	0	12	0
34247	BENZO-A-PYRENE TOTWUG/L	33	18	15	0	21	0
34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	13	0	13	0	12	0
34252	BERYLLIUM WET WGTTISMG/KG	13	3	10	0	5	0
34253	A-BHC-ALPHA DISSUG/L	6	6	0	0	1	0
34257	B-BHC-BETA DRY WGTBOTUG/KG	25	10	15	0	14	0

Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Parameter Code	Name	Total Obs	01/01/85 to 12/15/98	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
34258	B-BHC-BETA WET WGTTISMG/KG	48	48	0	0	2	0
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	31	16	15	0	20	0
34262	DELTA BENZENE HEXACHLORIDE DRY WGTBOTUG/KG	20	7	13	0	14	0
34263	DELTA BENZENE HEXACHLORIDE WET WGTTISMG/KG	48	48	0	0	2	0
34268	BIS (CHLOROMETHYL) ETHER TOTWUG/L	13	0	13	0	12	0
34271	BIS (CHLOROMETHYL) ETHER DRY WGTBOTUG/KG	13	0	13	0	12	0
34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	33	18	15	0	21	0
34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	13	0	13	0	12	0
34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	33	18	15	0	21	0
34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	13	0	13	0	12	0
34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	33	18	15	0	21	0
34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	13	0	13	0	12	0
34290	BROMOFORM DRY WGTBOTUG/KG	13	0	13	0	12	0
34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	33	18	15	0	21	0
34295	N-BUTYL BENZYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	13	0	13	0	12	0
34299	CARBON TETRACHLORIDE DRY WGTBOTUG/KG	13	0	13	0	12	0
34301	CHLOROBENZENE TOTWUG/L	45	30	15	0	22	0
34304	CHLOROBENZENE DRY WGTBOTUG/KG	14	0	14	0	13	0
34306	CHLORODIBROMOMETHANE TOTWUG/L	14	11	3	0	5	0
34309	CHLORODIBROMOMETHANE DRY WGTBOTUG/KG	13	0	13	0	12	0
34311	CHLOROETHANE TOTWUG/L	39	24	15	0	22	0
34314	CHLOROETHANE DRY WGTBOTUG/KG	13	0	13	0	12	0
34318	CHLOROFORM DRY WGTBOTUG/KG	13	0	13	0	12	0
34320	CHRYSENE TOTWUG/L	33	18	15	0	21	0
34323	CHRYSENE DRY WGTBOTUG/KG	13	0	13	0	12	0
34330	DICHLOROBROMOMETHANE DRY WGTBOTUG/KG	13	0	13	0	12	0
34334	DICHLORODIFLUOROMETHANE DRY WGTBOTUG/KG	13	0	13	0	12	0
34336	DIETHYL PHTHALATE TOTWUG/L	34	18	16	0	22	0
34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	13	0	13	0	12	0
34341	DIMETHYL PHTHALATE TOTWUG/L	33	18	15	0	21	0
34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	13	0	13	0	12	0
34346	1,2-DIPHENYLHYDRAZINE TOTWUG/L	15	0	15	0	14	0
34349	1,2-DIPHENYLHYDRAZINE DRY WGTBOTUG/KG	13	0	13	0	12	0
34351	ENDOSULFAN SULFATE TOTWUG/L	32	16	16	0	21	0
34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	20	7	13	0	14	0
34355	ENDOSULFAN SULFATE WET WGTTISMG/KG	48	48	0	0	2	0
34356	ENDOSULFAN, BETA TOTWUG/L	35	16	19	0	22	0
34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	20	7	13	0	14	0
34360	ENDOSULFAN, BETA WET WGTTISMG/KG	48	48	0	0	2	0
34361	ENDOSULFAN, ALPHA TOTWUG/L	34	16	18	0	21	0
34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	20	7	13	0	14	0
34365	ENDOSULFAN, ALPHA WET WGTTISMG/KG	48	48	0	0	2	0
34366	ENDRIN ALDEHYDE TOTWUG/L	35	16	19	0	22	0
34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	20	7	13	0	14	0
34370	ENDRIN ALDEHYDE WET WGTTISMG/KG	2	2	0	0	1	0
34371	ETHYLBENZENE TOTWUG/L	45	30	15	0	22	0
34374	ETHYLBENZENE DRY WGTBOTUG/KG	20	0	20	0	19	0
34376	FLUORANTHENE TOTWUG/L	33	18	15	0	21	0
34379	FLUORANTHENE DRY WGTBOTUG/KG	32	0	32	0	29	0
34381	FLUORENE TOTWUG/L	34	18	16	0	22	0
34384	FLUORENE DRY WGTBOTUG/KG	31	0	31	0	28	0
34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	33	18	15	0	21	0
34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	13	0	13	0	12	0
34391	HEXACHLOROBUTADIENE TOTWUG/L	13	0	13	0	12	0
34395	HEXACHLOROBUTADIENE WET WGTTISMG/KG	2	2	0	0	1	0
34396	HEXACHLOROETHANE TOTWUG/L	33	18	15	0	21	0
34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	13	0	13	0	12	0
34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	33	18	15	0	21	0
34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	13	0	13	0	12	0
34408	ISOPHORONE TOTWUG/L	33	18	15	0	21	0
34411	ISOPHORONE DRY WGTBOTUG/KG	13	0	13	0	12	0
34413	METHYL BROMIDE TOTWUG/L	39	24	15	0	22	0
34416	METHYL BROMIDE DRY WGTBOTUG/KG	13	0	13	0	12	0
34418	METHYL CHLORIDE TOTWUG/L	39	24	15	0	22	0
34421	METHYL CHLORIDE DRY WGTBOTUG/KG	13	0	13	0	12	0
34423	METHYLENE CHLORIDE TOTWUG/L	45	30	15	0	22	0
34426	METHYLENE CHLORIDE DRY WGTBOTUG/KG	13	0	13	0	12	0
34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	33	18	15	0	21	0
34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	13	0	13	0	12	0
34433	N-NITROSODIPHENYLAMINE TOTWUG/L	33	18	15	0	21	0
34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	13	0	13	0	12	0

Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Parameter Code	Name	Total Obs	01/01/85 to 12/15/98	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
34438	N-NITROSODIMETHYLAMINE TOTWUG/L	31	18	13	0	19	0
34441	N-NITROSODIMETHYLAMINE DRY WGTBOTUG/KG	13	0	13	0	12	0
34445	NAPHTHALENE DRY WGTBOTUG/KG	18	0	18	0	17	0
34447	NITROBENZENE TOTWUG/L	33	18	15	0	21	0
34450	NITROBENZENE DRY WGTBOTUG/KG	13	0	13	0	12	0
34452	PARACHLOROMETA CRESOL TOTWUG/L	33	18	15	0	21	0
34455	PARACHLOROMETA CRESOL DRY WGTBOTUG/KG	12	0	12	0	11	0
34461	PHENANTHRENE TOTWUG/L	34	18	16	0	22	0
34464	PHENANTHRENE DRY WGTBOTUG/KG	22	0	22	0	21	0
34469	PYRENE TOTWUG/L	34	18	16	0	22	0
34472	PYRENE DRY WGTBOTUG/KG	28	0	28	0	26	0
34474	SILVER WET WGTTISMG/KG	2	2	0	0	1	0
34475	TETRACHLOROETHYLENE TOTWUG/L	46	30	16	0	23	0
34478	TETRACHLOROETHYLENE DRY WGTBOTUG/KG	13	0	13	0	12	0
34480	THALLIUM DRY WGTBOTMG/KG	14	1	13	0	13	0
34483	TOLUENE DRY WGTBOTUG/KG	19	0	19	0	18	0
34487	TRICHLOROETHYLENE DRY WGTBOTUG/KG	13	0	13	0	12	0
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	45	30	15	0	22	0
34491	TRICHLOROFLUOROMETHANE DRY WGTBOTUG/KG	13	0	13	0	12	0
34495	VINYL CHLORIDE DRY WGTBOTUG/KG	13	0	13	0	12	0
34496	1,1-DICHLOROETHANE TOTWUG/L	45	30	15	0	22	0
34499	1,1-DICHLOROETHANE DRY WGTBOTUG/KG	13	0	13	0	12	0
34501	1,1-DICHLOROETHYLENE TOTWUG/L	45	30	15	0	22	0
34504	1,1-DICHLOROETHYLENE DRY WGTBOTUG/KG	13	0	13	0	12	0
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	46	30	16	0	23	0
34509	1,1,1-TRICHLOROETHANE DRY WGTBOTUG/KG	13	0	13	0	12	0
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	45	30	15	0	22	0
34514	1,1,2-TRICHLOROETHANE DRY WGTBOTUG/KG	13	0	13	0	12	0
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	45	30	15	0	22	0
34519	1,1,2,2-TETRACHLOROETHANE DRY WGTBOTUG/KG	13	0	13	0	12	0
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	33	18	15	0	21	0
34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	13	0	13	0	12	0
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	33	18	15	0	21	0
34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	21	0	21	0	20	0
34531	1,2-DICHLOROETHANE TOTWUG/L	13	0	13	0	12	0
34534	1,2-DICHLOROETHANE DRY WGTBOTUG/KG	13	0	13	0	12	0
34536	1,2-DICHLOROBENZENE TOTWUG/L	36	21	15	0	22	0
34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	13	0	13	0	12	0
34541	1,2-DICHLOROPROPANE TOTWUG/L	45	30	15	0	22	0
34544	1,2-DICHLOROPROPANE DRY WGTBOTUG/KG	13	0	13	0	12	0
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	45	30	15	0	22	0
34549	TRANS-1,2-DICHLOROETHENE, IN SED. DRY WT. UG/KG	13	0	13	0	12	0
34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	36	21	15	0	22	0
34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	13	0	13	0	12	0
34555	1,2,4-TRICHLOROBENZENE WET WGTTISMG/KG	2	2	0	0	1	0
34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	33	18	15	0	21	0
34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	13	0	13	0	12	0
34561	1,3-DICHLOROPROPENE TOTWUG/L	3	1	2	0	3	0
34564	1,3-DICHLOROPROPENE DRY WGTBOTUG/KG	13	0	13	0	12	0
34566	1,3-DICHLOROBENZENE TOTWUG/L	36	21	15	0	22	0
34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	13	0	13	0	12	0
34571	1,4-DICHLOROBENZENE TOTWUG/L	36	21	15	0	22	0
34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	13	0	13	0	12	0
34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	39	24	15	0	22	0
34579	2-CHLOROETHYL VINYL ETHER DRY WGTBOTUG/KG	13	0	13	0	12	0
34581	2-CHLORONAPHTHALENE TOTWUG/L	32	18	14	0	20	0
34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	13	0	13	0	12	0
34586	2-CHLOROPHENOL TOTWUG/L	33	18	15	0	21	0
34589	2-CHLOROPHENOL DRY WGTBOTUG/KG	12	0	12	0	11	0
34591	2-NITROPHENOL TOTWUG/L	33	18	15	0	21	0
34594	2-NITROPHENOL DRY WGTBOTUG/KG	12	0	12	0	11	0
34596	DI-N-OCTYL PHTHALATE TOTWUG/L	34	19	15	0	22	0
34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	13	0	13	0	12	0
34601	2,4-DICHLOROPHENOL TOTWUG/L	33	18	15	0	21	0
34604	2,4-DICHLOROPHENOL DRY WGTBOTUG/KG	12	0	12	0	11	0
34606	2,4-DIMETHYLPHENOL TOTWUG/L	33	18	15	0	21	0
34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	12	0	12	0	11	0
34611	2,4-DINITROTOLUENE TOTWUG/L	33	18	15	0	21	0
34614	2,4-DINITROTOLUENE DRY WGTBOTUG/KG	13	0	13	0	12	0
34616	2,4-DINITROPHENOL TOTWUG/L	33	18	15	0	21	0
34619	2,4-DINITROPHENOL DRY WGTBOTUG/KG	12	0	12	0	11	0

Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Parameter Code	Name	Total Obs	01/01/85 to 12/15/98	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	33	18	15	0	21	0
34624	2,4,6-TRICHLOROPHENOL DRY WGTBOTUG/KG	12	0	12	0	11	0
34626	2,6-DINITROTOLUENE TOTWUG/L	33	18	15	0	21	0
34629	2,6-DINITROTOLUENE DRY WGTBOTUG/KG	13	0	13	0	12	0
34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	33	18	15	0	21	0
34634	3,3'-DICHLOROBENZIDINE DRY WGTBOTUG/KG	13	0	13	0	12	0
34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	33	18	15	0	21	0
34639	4-BROMOPHENYL PHENYL ETHER DRY WGTBOTUG/KG	13	0	13	0	12	0
34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	31	18	13	0	19	0
34644	4-CHLOROPHENYL PHENYL ETHER DRY WGTBOTUG/KG	13	0	13	0	12	0
34646	4-NITROPHENOL TOTWUG/L	33	18	15	0	21	0
34649	4-NITROPHENOL DRY WGTBOTUG/KG	12	0	12	0	11	0
34653	P,P'-DDE DISSUG/L	6	6	0	0	1	0
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	33	18	15	0	21	0
34660	DNOC (4,6-DINITRO-ORTHO-CRESOL) DRY WGTBOTUG/KG	12	0	12	0	11	0
34664	PCB - 1221 WET WGTTISMG/KG	123	108	15	0	8	0
34667	PCB - 1232 WET WGTTISMG/KG	123	108	15	0	8	0
34668	DICHLORODIFUOROMETHANE TOTWUG/L	34	19	15	0	21	0
34669	PCB - 1248 WET WGTTISMG/KG	123	108	15	0	8	0
34670	PCB - 1260 WET WGTTISMG/KG	123	108	15	0	8	0
34671	PCB - 1016 TOTWUG/L	32	17	15	0	21	0
34674	PCB - 1016 WET WGTTISMG/KG	123	108	15	0	8	0
34680	ALDRIN IN FISH TISSUE WET WEIGHT MG/KG	67	52	15	0	6	0
34685	ENDRIN WET WGTTISMG/KG	69	54	15	0	7	0
34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	71	71	0	0	4	0
34687	HEPTACHLOR WET WGTTISMG/KG	75	71	4	0	7	0
34688	HEXACHLOROBENZENE WET WGTTISMG/KG	12	6	6	0	4	0
34689	PCB - 1242 WET WGTTISMG/KG	122	107	15	0	8	0
34690	PCB - 1254 WET WGTTISMG/KG	123	108	15	0	8	0
34691	TOXAPHENE WET WGTTISMG/KG	48	48	0	0	2	0
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	33	18	15	0	21	0
34695	PHENOL(C6H5OH)-SINGLE COMPOUND DRY WGTTUG/KG	15	2	13	0	13	0
34696	NAPHTHALENE TOTWUG/L	35	20	15	0	22	0
34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	30	30	0	0	8	0
34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	30	30	0	0	8	0
34754	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN TISWETWTPG/G	2	2	0	0	1	0
34790	SURFACTANTS, AS CTAS, WATER MG/L	1	1	0	0	1	0
34795	ANTIMONY,SED,BOT,	1	1	0	0	1	0
34800	ARSENIC,SED,BOT,WET SIEVE,	1	1	0	0	1	0
34805	BARIUM,SED,BOT,	1	1	0	0	1	0
34810	BERYLLIUM,SED,BOT,WET SIEVE,	1	1	0	0	1	0
34816	BISMUTH,SED,BOT,WET SIEVE,	1	1	0	0	1	0
34825	CADMIUM,SED,BOT,	1	1	0	0	1	0
34830	CALCIUM,SED,BOT,	1	1	0	0	1	0
34835	CERIUM,SED,BOT,	1	1	0	0	1	0
34840	CHROMIUM,SED,BOT,	1	1	0	0	1	0
34845	COBALT,SED,BOT,	1	1	0	0	1	0
34850	COPPER,SED,BOT,	1	1	0	0	1	0
34855	EUROPIUM,SED,BOT,	1	1	0	0	1	0
34860	GALLIUM,SED,BOT,	1	1	0	0	1	0
34870	GOLD,SED,BOT,	1	1	0	0	1	0
34875	HOLMIUM,SED,BOT,	1	1	0	0	1	0
34880	IRON,SED,BOT,	1	1	0	0	1	0
34885	LANTHANUM,SED,BOT,	1	1	0	0	1	0
34890	LEAD,SED,BOT,	1	1	0	0	1	0
34895	LITHIUM,SED,BOT,	1	1	0	0	1	0
34900	MAGNESIUM,SED,BOT,	1	1	0	0	1	0
34905	MANGANESE,SED,BOT,	1	1	0	0	1	0
34910	MERCURY,SED,BOT,	1	1	0	0	1	0
34915	MOLYBDENUM,SED,BOT,	1	1	0	0	1	0
34920	NEODYMIUM,SED,BOT,	1	1	0	0	1	0
34925	NICKEL,SED,BOT,	1	1	0	0	1	0
34930	NIOBIUM,SED,BOT,	1	1	0	0	1	0
34935	PHOSPHORUS,SED,BOT,	1	1	0	0	1	0
34940	POTASSIUM,SED,BOT,	1	1	0	0	1	0
34945	SCANDIUM,SED,BOT,	1	1	0	0	1	0
34950	SELENIUM,SED,BOT,	1	1	0	0	1	0
34955	SILVER,SED,BOT,	1	1	0	0	1	0
34960	SODIUM,SED,BOT,	1	1	0	0	1	0
34965	STRONTIUM,SED,BOT,	1	1	0	0	1	0
34970	SULFUR,SED,BOT,	1	1	0	0	1	0

Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Parameter Code	Name	Total Obs	01/01/85 to 12/15/98	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
34975	TANTALUM,SED,BOT,	1	1	0	0	1	0
34980	THORIUM,SED,BOT,	1	1	0	0	1	0
34985	TIN,SED,BOT,	1	1	0	0	1	0
35000	URANIUM,SED,BOT,	1	1	0	0	1	0
35005	VANADIUM,SED,BOT,	1	1	0	0	1	0
35010	YTTRIUM,SED,BOT,	1	1	0	0	1	0
35015	YTTERBIUM,SED,BOT,	1	1	0	0	1	0
35020	ZINC,SED,BOT,	1	1	0	0	1	0
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	106	1	53	52	18	0
38437	DIBROMOCHLOROPROPANE WATER, TOTUG/L	2	2	0	0	1	0
38442	DICAMBA (BANVEL) WATER,DISSUG/L	4	4	0	0	1	0
38478	LINURON WATER,DISSUG/L	4	4	0	0	1	0
38482	MCPA WATER,DISSUG/L	4	4	0	0	1	0
38487	MCPB WATER,DISSUG/L	4	4	0	0	1	0
38501	METHIOCARB WATER,DISSUG/L	4	4	0	0	1	0
38538	PROPOXUR WATER,DISSUG/L	4	4	0	0	1	0
38702	AOP (AMBAM OXIDATION PRODUCT) WATER, SUSUG/L	5	5	0	0	2	0
38711	BENTAZON WATER, DISUG/L	4	4	0	0	1	0
38746	2,4-DB WATER, DISUG/L	4	4	0	0	1	0
38811	FLUOMETURON WATER, DISUG/L	4	4	0	0	1	0
38824	ISOPROPALIN TISWETWGTMG/KG	2	2	0	0	1	0
38866	OXAMYL WATER, DISUG/L	4	4	0	0	1	0
38933	CHLORPYRIFOS,DISSOLVED UG/L	6	6	0	0	1	0
39014	DYLOX,FLAME PHOTOMETRIC, WATER SAMPLE (UG/L)	8	8	0	0	1	0
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	33	18	15	0	21	0
39034	PERTHANE IN WHOLE WATER SAMPLE (UG/L)	1	1	0	0	1	0
39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	16	3	13	0	12	0
39062	CHLORDANE-CIS ISOMER,WHOLE WATER SAMPL (UG/L)	14	14	0	0	5	0
39063	CHLORDANE-CIS ISOMER,TISSUE WET WGT (UG/G)	83	68	15	0	8	0
39065	CHLORDANE-TRNS ISOMER,WHOLE WATER SAMPL (UG/L)	14	14	0	0	5	0
39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	126	111	15	0	9	0
39069	CHLORDANE-NONACHLOR,CIS ISO,TISSUE WET WGT(UG/G)	24	9	15	0	5	0
39072	CHLORDANE-NONACHLOR,TRANS ISO,TISSUE,WET WT,UG/G	24	9	15	0	5	0
39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	49	31	18	0	9	0
39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	25	10	15	0	14	0
39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	6	6	0	0	1	0
39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	34	18	16	0	22	0
39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	13	0	13	0	12	0
39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	34	18	16	0	22	0
39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	13	0	13	0	12	0
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	33	18	15	0	21	0
39121	BENZIDINE IN BOTTOM DEPOS UG/KG DRY SOLIDS	13	0	13	0	12	0
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	45	30	15	0	22	0
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	46	30	16	0	23	0
39250	NAPTHALENES, POLYCHLORINATED (UG/L)	1	1	0	0	1	0
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	31	16	15	0	20	0
39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	21	7	13	1	14	0
39302	P P DDT IN TISSUE WET WGT (UG/G)	74	58	16	0	8	0
39306	O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	1	0	0	1	1	0
39307	O P DDT IN TISSUE WET WGT (UG/G)	26	10	16	0	7	0
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	31	16	15	0	20	0
39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	21	7	13	1	14	0
39312	P P DDD IN TISSUE WET WGT (UG/G)	73	58	15	0	7	0
39319	MONOCHLOROBIPHENYL,TOTAL, TISSUE,WET,WT,MG/KG	2	2	0	0	1	0
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	31	16	15	0	20	0
39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	21	7	13	1	14	0
39322	P,P'-DDE IN TISSUE WET WGT MG/KG	75	60	15	0	8	0
39325	O,P DDD IN TISSUE WET WGT (UG/G)	25	10	15	0	6	0
39329	O,P DDE IN TISSUE, WET WGT(UG/G)	25	10	15	0	6	0
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	49	17	15	17	23	0
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	29	10	16	3	14	0
39335	DICHLOROBIPHENYL,TOTAL, TISSUE,WET,WT,MG/KG	2	2	0	0	1	0
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	31	16	15	0	20	0
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	31	16	15	0	20	0
39339	TRICHLOROBIPHENYL,TOTAL, TISSUE,WET,WT,MG/KG	2	2	0	0	1	0
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	32	17	15	0	21	0
39341	GAMMA-BHC(LINDANE),DISSOLVED,UG/L	6	6	0	0	1	0
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	21	8	13	0	14	0
39345	TETRACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	2	2	0	0	1	0
39347	PENTACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	2	2	0	0	1	0
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	49	17	15	17	23	0

Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Parameter Code	Name	Total Obs	01/01/85 to 12/15/98	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	25	10	15	0	14	0
39354	HEPTACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	2	2	0	0	1	0
39355	OCTACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	2	2	0	0	1	0
39359	DDT SUM ANALOGS IN SEDIMENT UG/KG DRY WEIGHT	4	4	0	0	1	0
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	18	1	0	17	3	0
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	3	0	1	2	1	0
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	18	1	0	17	3	0
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	3	0	1	2	1	0
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	18	1	0	17	3	0
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	5	0	3	2	1	0
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	49	17	15	17	23	0
39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	6	6	0	0	1	0
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	28	10	16	2	14	0
39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	1	1	0	0	1	0
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	58	26	15	17	24	0
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	25	10	15	0	14	0
39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	16	0	0	16	2	0
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	58	26	15	17	24	0
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	29	10	16	3	14	0
39404	DIELDRIN IN TISSUE WET WGT (UG/G)	71	54	17	0	9	0
39408	NONACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	2	2	0	0	1	0
39409	DECACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	2	2	0	0	1	0
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	49	17	15	17	23	0
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	24	7	14	3	14	0
39415	METOLACHLOR, WATER, DISSOLVED UG/L	6	6	0	0	1	0
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	49	17	15	17	23	0
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	24	7	14	3	14	0
39460	CHLOROBENZILATE IN WHOLE WATER SAMPLE (UG/L)	17	0	0	17	2	0
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	29	12	0	17	5	0
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	10	8	2	0	2	0
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	32	17	15	0	21	0
39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	20	7	13	0	14	0
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	32	17	15	0	21	0
39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	20	7	13	0	14	0
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	32	17	15	0	21	0
39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	20	7	13	0	14	0
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	32	17	15	0	21	0
39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	20	7	13	0	14	0
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	32	17	15	0	21	0
39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	20	7	13	0	14	0
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	32	17	15	0	21	0
39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	20	7	13	0	14	0
39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	20	7	13	0	14	0
39515	PCBS (MG/KG) FISH TISSUE MG/KG	95	50	45	0	13	0
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	27	10	0	17	4	0
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	13	6	4	3	2	0
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	17	0	0	17	2	0
39532	MALATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	6	6	0	0	1	0
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	16	0	0	16	2	0
39542	PARATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	6	6	0	0	1	0
39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	17	0	0	17	2	0
39572	DIAZINON IN FILT. FRAC. OF WATER SAMPLE (UG/L)	6	6	0	0	1	0
39580	GUTHION IN WHOLE WATER SAMPLE (UG/L)	17	0	0	17	2	0
39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	17	0	0	17	2	0
39632	ATRAZINE DISSOLVED IN WATER PPB	6	6	0	0	1	0
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	33	18	15	0	21	0
39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	19	4	15	0	13	0
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE(UG/L)	18	16	2	0	8	0
39704	HEXACHLOROBUTADIENE IN FISH OR ANIMAL WET WGT UG/K	23	23	0	0	1	0
39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	13	0	13	0	12	0
39720	PICLORAM IN WHOLE WATER SAMPLE (UG/L)	1	1	0	0	1	0
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	10	10	0	0	3	0
39731	2,4-D IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	3	3	0	0	1	0
39732	2,4-D IN FILT. FRAC. OF WATER SAMPLE (UG/L)	4	4	0	0	1	0
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	1	1	0	0	1	0
39742	2,4,5-T IN FILT. FRAC. OF WATER SAMPLE (UG/L)	4	4	0	0	1	0
39755	MIREX, TOTAL (UG/L)	3	3	0	0	2	0
39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	6	4	1	1	1	0
39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	10	10	0	0	3	0
39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	3	3	0	0	1	0
39762	SILVEX IN FILT. FRAC. OF WATER SAMPLE (UG/L)	4	4	0	0	1	0

Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Parameter Code	Name	Total Obs	01/01/85 to 12/15/98	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
39780	DICOFOL IN WHOLE WATER SAMPLE (UG/L)	9	9	0	0	1	0
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	26	9	0	17	3	0
39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	4	0	1	3	1	0
39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	70	54	16	0	8	0
39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	16	0	0	16	2	0
39811	CHLORDANE,GAMMA,IN BOTTOM DEPOS(UG/KG DRY SOLIDS)	4	2	2	0	1	0
45013	ISOPROPYL ACETATE WH WAT UG/L	11	11	0	0	2	0
45022	PROPYL ACETATE WH WAT UG/L	5	5	0	0	2	0
45579	PERCENT LIPID EXTRACTABLE MATERIAL	108	108	0	0	6	0
45650	CHLORINE, IN ORGANIC COMPOUNDS, WATER, WHOLE, MG/L	6	6	0	0	1	0
45651	PCB - 1262, TISSUE, WET WEIGHT MG/KG	1	1	0	0	1	0
46333	PENTACHLORONITROBENZENE (PCNB) IN TISSUE WET MG/KG	2	2	0	0	1	0
46342	ALACHLOR (LASSO), WATER, DISSOLVED UG/L	6	6	0	0	1	0
46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	705	9	66	630	36	0
49146	DIBROMO-3-CHLOROPROPANE, 1,2-, TOTAL, WATER UG/L	1	1	0	0	1	0
49235	TRICLOPYR,RECOVERABLE,WATER,FILTER,GF,0.7U UG/L	4	4	0	0	1	0
49236	PROPHAM, RECOVERABLE,WATER,FILTER,GF,0.7U UG/L	4	4	0	0	1	0
49260	ACETOCHLOR, RECOVERABLE, WATER, FILTERED UG/L	6	6	0	0	1	0
49266	CARBON,ORGANIC,DRY WEIGHT,SEDIMENT,RECV,SIEVE	1	1	0	0	1	0
49267	CARBON,ORGANIC+INORGANIC,DRYWT,RECV,SIEVE	1	1	0	0	1	0
49269	CARBON,INORGANIC, DRY WT, SEDIMENT,RECV,SIEVE	1	1	0	0	1	0
49274	TITANIUM, DRY WT, SIEVE	1	1	0	0	1	0
49291	PICLORAM,RECV,FILTERED,WATER,GF,0.7U UG/L	4	4	0	0	1	0
49292	ORYZALIN,RECV,FILTERED,WATER,GF,0.7U UG/L	4	4	0	0	1	0
49293	NORFLURAZON,RECV,FILTERED,WATER,GF,0.7U UG/L	4	4	0	0	1	0
49294	NEBURON,RECV,FILTERED,WATER,GF,0.7U UG/L	4	4	0	0	1	0
49295	NAPTHOL,1-,RECV,FILTERED,WATER,GF,0.7U UG/L	4	4	0	0	1	0
49296	METHOMYL,RECV,FILTERED,WATER,GF,0.7U UG/L	4	4	0	0	1	0
49297	FENURON,RECV,FILTERED,WATER,GF,0.7U UG/L	4	4	0	0	1	0
49298	ESFENVALERATE,RECV,FILTERED,WATER,GF,0.7U UG/L	4	4	0	0	1	0
49299	CRESOL,O-,RECV,FILTERED,WATER,GF,0.7U UG/L	4	4	0	0	1	0
49300	DIURON, RECV,FILTERED, WATER, GF, 0.7U UG/L	4	4	0	0	1	0
49301	DINOSEB, RECV, FILTERED, WATER, GF, 0.7U UG/L	4	4	0	0	1	0
49302	DICHLORPROP,RECV,FILTERED,WATER,GF,0.7U UG/L	4	4	0	0	1	0
49303	DICHLOBENIL,RECV,FILTERED,WATER,GF,0.7U UG/L	4	4	0	0	1	0
49304	DACTHAL, RECV,FILTERED,WATER,GF,0.7U UG/L	4	4	0	0	1	0
49305	CLOPYRALID,RECV,FILTERED,WATER,GF,0.7U UG/L	4	4	0	0	1	0
49306	CHLOROTHALONIL,RECV,FILTERED,WATER,GF,0.7U UG/L	4	4	0	0	1	0
49307	AMIBEN, RECV,FILTERED,WATER,GF,0.7U UG/L	4	4	0	0	1	0
49308	HYDROXYCARBOFURAN,3-,RECV,FILT,WATER,GF,0.7U UG/L	4	4	0	0	1	0
49309	CARBOFURAN,RECV,FILTERED,WATER,GF,0.7U UG/L	4	4	0	0	1	0
49310	CARBARYL,RECV,FILTERED,WATER,GF,0.7U UG/L	4	4	0	0	1	0
49311	BROMOXYNIL,RECV,FILTERED,WATER,GF,0.7U UG/L	4	4	0	0	1	0
49312	ALDICARB, RECV,FILTERED,WATER,GF,0.7U UG/L	4	4	0	0	1	0
49313	ALDICARB SULFONE,RECV,FILTERED,GF,0.7U UG/L	4	4	0	0	1	0
49314	ALDICARB SULFOXIDE,RECV,FILTERED,GF,0.7U UG/L	4	4	0	0	1	0
49315	ACIFLUORFEN,RECV,FILTERED,WATER,GF,0.7U UG/L	4	4	0	0	1	0
50038	ELEVATION OF WATER LEVEL RELATIVE TO REF PT. FEET	1	1	0	0	1	0
50051	FLOW, RATE, INSTANTANEOUS MGD	89	0	0	89	2	0
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	3	3	0	0	1	0
50064	CHLORINE, FREE AVAILABLE (MG/L)	1	0	0	1	1	0
50700	FLUORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	13	0	13	0	13	0
50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	18	0	18	0	18	0
50761	BROMINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	4	0	4	0	4	0
60050	ALGAE, TOTAL (CELLS/ML)	77	0	0	77	1	0
60100	ALGAE, COCCOID BLUE-GREEN (CELLS/ML)	77	0	0	77	1	0
60150	ALGAE, FILAMENTOUS BLUE-GREEN (CELLS/ML)	77	0	0	77	1	0
60200	ALGAE, COCCOID GREEN (CELLS/ML)	77	0	0	77	1	0
60250	ALGAE, FILAMENTOUS GREEN (CELLS/ML)	77	0	0	77	1	0
60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	77	0	0	77	1	0
60350	ALGAE, FLAGELLATE OTHER (CELLS/ML)	77	0	0	77	1	0
60390	DIATOMS, DOMINANT SPECIES, PERCENT OF TOTAL	74	0	0	74	1	0
60400	DIATOMS, CENTRIC (/ML)	77	0	0	77	1	0
60600	DIATOMS, PENNATE (/ML)	77	0	0	77	1	0
60820	PROTOZOA, TOTAL (/ML)	34	0	0	34	1	0
60850	ROTIFERS, TOTAL (/LITER)	69	0	0	69	1	0
60900	CRUSTACEA, TOTAL (/LITER)	69	0	0	69	1	0
60950	NEMATODES, TOTAL (/LITER)	69	0	0	69	1	0
60990	ZOOPLANKTON OTHER (/LITER)	69	0	0	69	1	0
61223	E.COLI, WATER UNFILTERED,ONPG-MUG,COLILERT #/100ML	4	4	0	0	2	0
70001	COMPOSITE LOCATION IN A CROSS SECTION	25	0	2	23	15	0

Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Parameter Code	Name	Total Obs	01/01/85 to 12/15/98	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
70152	VOLUME OF LAKE OR RESERVOIR CUBIC METERS X 10(6)	6	6	0	0	1	0
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	413	21	213	179	43	0
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	33	0	25	8	12	0
70302	SOLIDS, DISSOLVED-TONS PER DAY	232	0	144	88	14	0
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	248	0	157	91	16	0
70318	SOLIDS, TOTAL, PERCENT OF WET SAMPLE	15	9	4	2	3	0
70322	SOLIDS, VOLATILE, PERCENT OF TOTAL SOLIDS	18	9	5	4	5	0
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	24	3	21	0	9	0
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	69	62	5	2	8	0
70508	ACIDITY, TOTAL, HOT (MG/L AS CACO3)	1	0	1	0	1	0
70977	INSTRUMENT RATIO, LAB/FIELD CONCENTRATIONS, NUMBER	2	2	0	0	1	0
71825	ACIDITY, TOTAL (MG/L AS H)	48	0	48	0	10	0
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	2	0	2	0	2	0
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	15	0	9	6	7	0
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	24	0	9	15	9	0
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	11	0	9	2	7	0
71870	BROMIDE (MG/L AS BR)	1	1	0	0	1	0
71885	IRON (UG/L AS FE)	3	0	0	3	3	0
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	8	8	0	0	8	6
71887	NITROGEN, TOTAL, AS NO3 - MG/L	27	0	25	2	8	0
71890	MERCURY, DISSOLVED (UG/L AS HG)	14	1	9	4	10	0
71900	MERCURY, TOTAL (UG/L AS HG)	1121	308	362	451	68	0
71910	GOLD, TOTAL (UG/L AS AU)	15	15	0	0	1	0
71920	MERCURY,TOT IN BOT DEPOS OR PULP(MG/KG,WET WGT)	2	0	0	2	2	0
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	68	10	35	23	42	0
71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	75	7	68	0	9	0
71935	MERCURY, TOTAL IN FISH (PPM,WET WEIGHT BASIS)	2	2	0	0	1	0
71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	78	7	71	0	10	0
71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	77	6	71	0	9	0
71938	ZINC,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	3	3	0	0	1	0
71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	77	6	71	0	9	0
71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	79	7	72	0	10	0
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	2	2	0	0	2	1
72025	DEPTH OF POND OR RESERVOIR IN FEET	9	0	0	9	3	0
72030	ELEVATION OF RESERVOIR POOL (FT ABOVE MSL)	7	7	0	0	1	0
72033	FLOW, AVERAGE DAILY SPILLWAY DISCHARGE CFS	306	0	0	306	9	0
74010	IRON, TOTAL (MG/L AS FE)	10	8	2	0	10	6
76530	BIPHENYL TISSUE ,WET WGT,MG/KG	2	2	0	0	1	0
77041	CARBON DISULFIDE WHOLE WATER,UG/L	15	14	1	0	3	0
77057	VINYL ACETATE WHOLE WATER,UG/L	3	3	0	0	1	0
77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	18	18	0	0	6	0
77103	2-HEXANONE WHOLE WATER,UG/L	14	14	0	0	2	0
77128	STYRENE WHOLE WATER,UG/L	30	30	0	0	8	0
77135	O-XYLENE WHOLE WATER,UG/L	8	8	0	0	2	0
77161	1,2-DICHLOROPROPENE WHOLE WATER,UG/L	13	0	13	0	12	0
77168	1,1-DICHLOROPROPENE WHOLE WATER,UG/L	18	18	0	0	6	0
77170	2,2-DICHLOROPROPANE WHOLE WATER,UG/L	18	18	0	0	6	0
77173	1,3-DICHLOROPROPANE WHOLE WATER,UG/L	18	18	0	0	6	0
77189	N-BUTYL ACETATE WHOLE WATER,UG/L	5	5	0	0	2	0
77222	1,2,4-TRIMETHYLBENZENE WHOLE WATER,UG/L	18	18	0	0	6	0
77223	ISOPROPYLBENZENE WHOLE WATER,UG/L	18	18	0	0	6	0
77224	N-PROPYLBENZENE WHOLE WATER,UG/L	18	18	0	0	6	0
77226	1,3,5-TRIMETHYLBENZENE WHOLE WATER,UG/L	18	18	0	0	6	0
77275	1-METHYL-2-CHLOROBENZENE (O-CHLOR*WHOLE WATER,UG/L	18	18	0	0	6	0
77277	1-METHYL-4-CHLOROBENZENE (P-CHLOR*WHOLE WATER,UG/L	18	18	0	0	6	0
77297	CHLOROBROMOMETHANE WHOLE WATER,UG/L	3	3	0	0	1	0
77342	N-BUTYLBENZENE WHOLE WATER,UG/L	18	18	0	0	6	0
77350	SEC-BUTYLBENZENE WHOLE WATER,UG/L	18	18	0	0	6	0
77353	TERT-BUTYLBENZENE WHOLE WATER,UG/L	18	18	0	0	6	0
77356	1-METHYL-4-ISOPROPYLBENZENE WHOLE WATER,UG/L	18	18	0	0	6	0
77424	IODOMETHANE WHOLE WATER,UG/L	3	3	0	0	1	0
77443	1,2,3-TRICHLOROPROPANE WHOLE WATER,UG/L	18	18	0	0	6	0
77562	1,1,1,2-TETRACHLOROETHANE WHOLE WATER,UG/L	18	18	0	0	6	0
77596	METHYLENE BROMIDE WHOLE WATER,UG/L	3	3	0	0	1	0
77613	1,2,3-TRICHLOROBENZENE WHOLE WATER,UG/L	18	18	0	0	6	0
77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	20	20	0	0	7	0
77652	1,1,2-TRICHLORO-1,2,2-TRIFLUOROET*WHOLE WATER,UG/L	8	8	0	0	5	0
78132	P-XYLENE IN WHOLE WATER UG/L	5	5	0	0	2	0
78457	CHLORDENE, ALPHA-, FISH TISSUE, WET WEIGHT, MG/KG	102	102	0	0	4	0
78458	CHLORDENE, BETA-, FISH TISSUE, WET WEIGHT, MG/KG	45	45	0	0	3	0
78459	CHLORDENE, GAMMA-, FISH TISSUE, WET WEIGHT, MG/KG	102	102	0	0	4	0

Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Parameter Code	Name	Total Obs	01/01/85 to 12/15/98	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
78907	HEXACHLOROBIPHENYLS IN FISH TISSUE WET WGT. MG/KG	2	2	0	0	1	0
78922	NONACHLOR, TRANS, TISSUE, WET WEIGHT MG/KG	101	101	0	0	5	0
78923	NONACHLOR, CIS, TISSUE, WET WEIGHT MG/KG	101	101	0	0	5	0
79006	CHLORDENE IN FISH UG/KG	104	104	0	0	4	0
79026	1,2,3,4,-TETRACHLOROBENZENE IN FISH WET WGT MG/KG	2	2	0	0	1	0
79191	PERMETHRIN IN WHOLE WATER UG/L	9	9	0	0	1	0
79193	ACIFLUORFEN, WATER, WHOLE UG/L	8	8	0	0	1	0
80082	BOD, CARBONACEOUS, 5 DAY, 20 DEG C MG/L	14	14	0	0	5	0
80111	NITROGEN, TOTAL IN DRIED MATERIAL (MG/KG)	1	0	0	1	1	0
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	191	95	78	18	15	0
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	77	0	77	0	8	0
80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	1	0	1	0	1	0
80165	BED MATERIAL SIEVE DIAMETER,% FINER THAN .125MM	1	0	1	0	1	0
80166	BED MATERIAL SIEVE DIAMETER,% FINER THAN .250MM	2	0	2	0	2	0
80167	BED MATERIAL SIEVE DIAMETER,% FINER THAN .500MM	2	0	2	0	2	0
80168	BED MATERIAL SIEVE DIAMETER,% FINER THAN 1.00MM	2	0	2	0	2	0
80169	BED MATERIAL SIEVE DIAMETER,% FINER THAN 2.00MM	2	0	2	0	2	0
80170	BED MATERIAL SIEVE DIAMETER,% FINER THAN 4.00MM	2	0	2	0	2	0
80171	BED MATERIAL SIEVE DIAMETER,% FINER THAN 8.00MM	2	0	2	0	2	0
80172	BED MATERIAL SIEVE DIAMETER,% FINER THAN 16.0MM	2	0	2	0	2	0
80203	TOTAL SEDIMENT SIEVE DIAMETER,% FINER THAN .062MM	5	4	1	0	1	0
80204	TOTAL SEDIMENT SIEVE DIAMETER,% FINER THAN .125MM	5	4	1	0	1	0
80206	TOTAL SEDIMENT SIEVE DIAMETER,% FINER THAN .500MM	5	4	1	0	1	0
80208	TOTAL SEDIMENT SIEVE DIAMETER,% FINER THAN 2.00MM	5	4	1	0	1	0
81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)	2	2	0	0	2	1
81205	BICARBONATE, (TONS PER DAY AS HCO3)	1	0	1	0	1	0
81280	NONPURGEABLE ORGANIC CARBON MG/L	1	0	1	0	1	0
81312	POLYCHLORINATEDBIPHENYLS FISH TISSUE WET WGT MG/KG	2	2	0	0	1	0
81436	CAFFEINE WHL WATER SMPL UG/L	1	0	1	0	1	0
81445	DIISOBUTYL PHTHALATE WHL WATER SMPL UG/L	1	0	1	0	1	0
81457	FATTY ACID METHYL ESTER C 19 WHL WATER SMPL UG/L	1	0	1	0	1	0
81458	FATTY ACID METHYL ESTER C 20 WHL WATER SMPL UG/L	1	0	1	0	1	0
81461	FATTY ACID METHYL ESTER C 23 WHL WATER SMPL UG/L	1	0	1	0	1	0
81466	HYDROCARBON C 8 WHL WATER SMPL UG/L	1	0	1	0	1	0
81467	HYDROCARBON C 10 WHL WATER SMPL UG/L	1	0	1	0	1	0
81468	HYDROCARBON C 12 WHL WATER SMPL UG/L	1	0	1	0	1	0
81469	HYDROCARBON C 14 WHL WATER SMPL UG/L	1	0	1	0	1	0
81471	HYDROCARBON C 16 WHL WATER SMPL UG/L	1	0	1	0	1	0
81474	HYDROCARBON C 18 WHL WATER SMPL UG/L	1	0	1	0	1	0
81475	HYDROCARBON C 20 WHL WATER SMPL UG/L	1	0	1	0	1	0
81476	HYDROCARBON C 22 WHL WATER SMPL UG/L	1	0	1	0	1	0
81477	HYDROCARBON C 24 WHL WATER SMPL UG/L	1	0	1	0	1	0
81478	HYDROCARBON C 26 WHL WATER SMPL UG/L	1	0	1	0	1	0
81481	METHOXY CARBONYL BENZOPHENONE WHL WATER SMPL UG/L	1	0	1	0	1	0
81489	METHYL MYRISTATE WHL WATER SMPL UG/L	1	0	1	0	1	0
81490	METHYL NAPHTHOATE WHL WATER SMPL UG/L	1	0	1	0	1	0
81491	METHYL PALMITATE WHL WATER SMPL UG/L	1	0	1	0	1	0
81492	METHYL PENTACHLOROPHENYL ETHER WHL WATER SMPL UG/L	1	0	1	0	1	0
81494	METHYL STEARATE WHL WATER SMPL UG/L	1	0	1	0	1	0
81495	METHYL TETRACHLOROPHENYL ETHER WHL WATER SMPL UG/L	1	0	1	0	1	0
81505	TERPINEOL C=15 WHL WATER SMPL UG/L	1	0	1	0	1	0
81513	BIPHENYL WHL WATER SMPL UG/L	2	0	2	0	2	0
81531	DIMETHYL NAPTHALENE WHL WATER SMPL UG/L	1	0	1	0	1	0
81545	INDOLE WHL WATER SMPL UG/L	1	0	1	0	1	0
81546	METHYL ACENAPTHENE WHL WATER SMPL UG/L	1	0	1	0	1	0
81551	XYLENE WHL WATER SMPL UG/L	22	22	0	0	7	0
81552	ACETONE WHL WATER SMPL UG/L	14	14	0	0	2	0
81555	BROMOBENZENE WHL WATER SMPL UG/L	18	18	0	0	6	0
81579	DIMETHYL SULFIDE WHL WATER SMPL UG/L	1	0	1	0	1	0
81585	ETHYL ACETATE WHL WATER SMPL UG/L	5	5	0	0	2	0
81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	14	14	0	0	2	0
81596	METHYL-ISOBUTYL KETONE WHL WATER SMPL UG/L	14	14	0	0	2	0
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	17	1	16	0	6	0
81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	17	1	16	0	6	0
81644	METHOXYCHLOR IN FISH TISSUE,UG/G WET WEIGHT	21	6	15	0	5	0
81645	MIREX IN FISH TISSUE WET WEIGHT UG/G	48	48	0	0	3	0
81652	TREFLAN IN FISH TISSUE WET WEIGHT MG/KG	2	2	0	0	1	0
81710	M-XYLENE IN THE WHOLE WATER SAMPLE MG/L	5	5	0	0	2	0
81742	SILVER IN FISH TISSUE WET WEIGHT (MG/KG)PPM	10	0	10	0	4	0
81807	DURSBAN IN FISH TISSUE WET WEIGHT MG/KG	2	2	0	0	1	0
81823	PENTACHLOROANISOLE(PCA)INFISH TISSUE WET WGT MG/KG	2	2	0	0	1	0

Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Parameter Code	Name	Total Obs	01/01/85 to 12/15/98	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
82029	OXYCHLORDANE IN TISSUE SAMPLE WET WEIGHT MG/KG	72	72	0	0	4	0
82031	COAL IN BOTTOM MATERIAL DRY WEIGHT GRAMS/KG	8	0	8	0	8	0
82051	AMIBEN (CHLORAMBEN) WHOLE WATER,UG/L	8	8	0	0	1	0
82052	BANVEL (DICAMBA) WHOLE WATER,UG/L	1	1	0	0	1	0
82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	2	0	2	0	2	0
82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	27	27	0	0	1	0
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	183	177	6	0	6	0
82183	2,4-DP (DICHLORPROP) TOTAL UG/L	1	1	0	0	1	0
82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	18	0	18	0	18	0
82398	SAMPLING METHOD (CODES)	6	6	0	0	1	0
82580	TAPEDOWN DIST. FROM REF PT ABOVE TO H2O SURFACE FT	320	150	142	28	2	0
82625	DIBROMOCHLOROPROPANE, WATER,TOTAL RECOVERABLE,UG/L	15	15	0	0	5	0
82626	1,2-DIPHENYLHYDRAZINE,WATER,TOTAL RECOVERABLE,UG/L	16	16	0	0	6	0
82630	METRIBUZIN (SENCOR), WATER, DISSOLVED UG/L	6	6	0	0	1	0
82660	DIETHYLANILINE, 2, 6-,0.7UM FILT,TOT RECV,WTR UG/L	6	6	0	0	1	0
82661	TRIFLURALINE, 0.7UM FILT,TOT RECV, WATER UG/L	6	6	0	0	1	0
82663	ETHALFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	6	6	0	0	1	0
82664	PHORATE, 0.7 UM FILT, TOT RECV, WATER UG/L	6	6	0	0	1	0
82665	TERBACIL, 0.7 UM FILT, TOT RECV, WATER UG/L	6	6	0	0	1	0
82666	LINURON, 0.7 UM FILT, TOT RECV, WATER UG/L	6	6	0	0	1	0
82667	METHYL PARATHION,0.7 UM FILT,TOT RECV,WATER UG/L	6	6	0	0	1	0
82668	EPTC, 0.7 UM FILT, TOT RECV, WATER UG/L	6	6	0	0	1	0
82669	PEBULATE, 0.7 UM FILT, TOT RECV, WATER UG/L	6	6	0	0	1	0
82670	TEBUTHIURON, 0.7 UM FILT, TOT RECV, WATER UG/L	6	6	0	0	1	0
82671	MOLINATE, 0.7 UM FILT, TOT RECV, WATER UG/L	6	6	0	0	1	0
82672	ETHOPROP, 0.7 UM FILT, TOT RECV, WATER UG/L	6	6	0	0	1	0
82673	BENFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	6	6	0	0	1	0
82674	CARBOFURAN, 0.7 UM FILT, TOT RECV, WATER UG/L	6	6	0	0	1	0
82675	TERBUFOS, 0.7 UM FILT, TOT RECV, WATER UG/L	6	6	0	0	1	0
82676	PRONAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	6	6	0	0	1	0
82677	DISULFOTON, 0.7 UM FILT, TOT RECV, WATER UG/L	6	6	0	0	1	0
82678	TRIALLATE, 0.7 UM FILT, TOT RECV, WATER UG/L	6	6	0	0	1	0
82679	PROPANIL, 0.7 UM FILT, TOT RECV, WATER UG/L	6	6	0	0	1	0
82680	CARBARYL, 0.7 UM FILT, TOT RECV, WATER UG/L	6	6	0	0	1	0
82681	THIOBENCARB, 0.7 UM FILT, TOT RECV, WATER UG/L	6	6	0	0	1	0
82682	DCPA, 0.7 UM FILT, TOT RECV, WATER UG/L	6	6	0	0	1	0
82683	PENDIMETHALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	6	6	0	0	1	0
82684	NAPROPAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	6	6	0	0	1	0
82685	PROPARGITE, 0.7 UM FILT, TOT RECV, WATER UG/L	6	6	0	0	1	0
82686	METHYL AZINPHOS, 0.7 UM FILT, TOT RECV, WATER UG/L	6	6	0	0	1	0
82687	PERMETHRIN, CIS, 0.7 UM FILT, TOT RECV, WATER UG/L	6	6	0	0	1	0
83509	STREAM, WIDTH METER	2	2	0	0	2	1
84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	1	0	1	0	1	0
84001	AQUIFER NAME CODE (SEE USGS CATALOG)	1	0	1	0	1	0
84007	ANATOMY ALPHA CODE	139	16	123	0	12	0
84014	SPECIES SEX CODE	260	152	108	0	13	0
84068	SERIES CODE ALPHA-NUMERIC CODE	1377	1377	0	0	16	0
85305	RETENTION TIME, MEAN HYDRAULIC IN DAYS NES	6	6	0	0	1	0
85508	BARIUM-LANTHANUM IN PASTEURIZED MILK (PC/L)	119	0	0	119	1	0
85509	BARIUM-LANTHANUM, COUNTING ERROR IN MILK (PC/L)	119	0	0	119	1	0
85510	CARBON-14 IN PASTEURIZED MILK (PC/L)	1	0	0	1	1	0
85511	CARBON-14, COUNTING ERROR IN MILK (PC/L)	1	0	0	1	1	0
85514	CESIUM-137 IN PASTEURIZED MILK (PC/L)	119	0	0	119	1	0
85515	CESIUM-137, COUNTING ERROR IN MILK (PC/L)	119	0	0	119	1	0
85516	IODINE-131 IN PASTEURIZED MILK (PC/L)	119	0	0	119	1	0
85517	IODINE-131, COUNTING ERROR IN MILK (PC/L)	119	0	0	119	1	0
85520	POTASSIUM-40 IN PASTEURIZED MILK (GM/L)	119	0	0	119	1	0
85521	POTASSIUM-40, COUNTING ERROR IN MILK (GM/L)	119	0	0	119	1	0
85526	STRONTIUM-89 IN PASTUERIZED MILK (PC/L)	37	0	0	37	1	0
85527	STRONTIUM-89, COUNTING ERROR IN MILK (PC/L)	37	0	0	37	1	0
85528	STRONTIUM-90 IN PASTUERIZED MILK (PC/L)	37	0	0	37	1	0
85529	STRONTIUM-90, COUNTING ERROR IN MILK (PC/L)	37	0	0	37	1	0
85538	GAMMA SCAN DATE (YR,MO,DAY)	119	0	0	119	1	0
85539	DATE OF REPORT (YR,MO,DAY)	119	0	0	119	1	0
85664	WEIGHT, WET, OF FISH LIVER GRAMS	88	88	0	0	4	0
85665	WEIGHT, WET, FISH, RIGHT FILLET GRAMS	131	131	0	0	4	0
85666	WEIGHT, WET, FISH, LEFT FILLET GRAMS	131	131	0	0	4	0
85675	TRICHLOROBENZENE,1,3,5- TISSUE,WET,WT,MG/KG	2	2	0	0	1	0
85676	TRICHLOROBENZENE,1,2,3- TISSUE,WET,WT,MG/KG	2	2	0	0	1	0
85677	TETRACHLOROBENZENE,1,2,4,5- TISSUE,WET,WT,MG/KG	2	2	0	0	1	0
85678	TETRACHLOROBENZENE,1,2,3,5- TISSUE,WET,WT,MG/KG	2	2	0	0	1	0

Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Parameter Code	Name	Total Obs	01/01/85 to 12/15/98	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
85679	PENTACHLOROBENZENE TISSUE,WET,WT,MG/KG	2	2	0	0	1	0
85680	DIPHENYL DISULFIDE TISSUE,WET,WT,MG/KG	2	2	0	0	1	0
85681	OCTACHLOROSTYRENE TISSUE,WET,WT,MG/KG	2	2	0	0	1	0
85682	NITROFEN TISSUE,WET,WT,MG/KG	2	2	0	0	1	0
85683	PERTHANE TISSUE,WET,WT,MG/KG	2	2	0	0	1	0
85684	DICOFOL (KELTHANE) TISSUE,WET,WT,MG/KG	2	2	0	0	1	0

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0002	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	07/17/80-08/29/80	0	4	
CHCH0004	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	09/06/67-08/29/80	12	18	
CHCH0005	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	02/25/69-12/01/69	0	11	
CHCH0009	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	10/13/67-08/29/80	12	8	
CHCH0013	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	10/16/72-10/17/72	0	4	
CHCH0014	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	10/13/67-08/29/80	12	20	
CHCH0015	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	01/28/69-12/03/69	0	12	
CHCH0016	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	09/06/67-12/01/69	2	14	
CHCH0018	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	10/17/72-10/17/72	0	3	
CHCH0019	Yes	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	10/17/72-10/17/72	0	3	
CHCH0020	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	02/25/69-12/04/69	0	11	
CHCH0023	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	02/25/69-12/01/69	0	11	
CHCH0024	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	07/17/81-07/17/81	0	1	
CHCH0026	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	02/25/69-12/04/69	0	11	
CHCH0027	Yes	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	10/13/67-08/29/80	12	20	
CHCH0028	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	09/06/67-12/04/69	2	13	
CHCH0029	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	02/25/69-12/04/69	0	11	
CHCH0030	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	09/06/67-12/04/69	2	13	
CHCH0031	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	02/25/69-12/04/69	0	11	
CHCH0033	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	02/25/69-12/04/69	0	11	
CHCH0038	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	01/27/69-12/03/69	0	12	
CHCH0040	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	09/06/67-08/29/80	12	19	
CHCH0041	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	02/25/69-12/04/69	0	11	
CHCH0043	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	02/26/69-12/02/69	0	11	
CHCH0045	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	09/07/67-12/03/69	2	12	
CHCH0046	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	09/07/67-10/11/67	0	2	
CHCH0048	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	01/27/69-12/03/69	0	11	
CHCH0049	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	01/27/69-12/04/69	0	12	
CHCH0050	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	09/07/67-12/03/69	2	14	
CHCH0051	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	09/06/67-12/04/69	2	14	
CHCH0053	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	09/06/67-08/29/80	12	19	
CHCH0058	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	09/07/67-12/03/69	2	14	
CHCH0060	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	01/27/69-12/03/69	0	12	
CHCH0061	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	09/10/80-09/10/80	0	1	
CHCH0063	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	01/28/69-12/03/69	0	12	
CHCH0064	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	09/06/67-12/04/69	2	13	
CHCH0068	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	01/27/69-12/04/69	0	12	
CHCH0070	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	09/07/67-10/11/67	0	3	
CHCH0071	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	03/05/73-03/05/73	0	1	
CHCH0072	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	07/30/80-08/29/80	0	3	
CHCH0076	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	09/07/67-05/21/71	3	15	
CHCH0078	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	01/27/69-05/21/69	0	5	
CHCH0079	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	09/07/67-05/21/71	3	15	
CHCH0083	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	09/07/67-05/21/71	3	15	
CHCH0085	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	09/10/80-09/10/80	0	1	
CHCH0087	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	03/05/73-03/05/73	0	1	
CHCH0090	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	09/10/80-09/10/80	0	1	
CHCH0093	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	01/27/69-12/04/69	0	12	
CHCH0098	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	05/21/71-05/21/71	0	1	
CHCH0105	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	09/07/67-05/21/71	3	15	
CHCH0107	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	09/10/80-09/10/80	0	1	
CHCH0111	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	09/10/80-09/10/80	0	1	
CHCH0122	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	09/10/80-09/10/80	0	1	
CHCH0126	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	02/26/69-12/02/69	0	11	
CHCH0129	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	09/06/67-10/13/67	0	2	
CHCH0130	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	01/27/69-12/04/69	0	12	
CHCH0137	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	09/10/80-09/10/80	0	2	
CHCH0144	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	02/27/73-03/07/73	0	7	
CHCH0150	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	10/23/75-09/14/76	0	14	
CHCH0151	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	09/06/67-11/10/80	13	25	
CHCH0156	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	09/10/80-09/12/80	0	2	
CHCH0163	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	09/07/67-09/12/80	13	4	
CHCH0165	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	09/08/70-05/21/71	0	2	
CHCH0169	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	09/07/67-09/12/80	13	33	
CHCH0178	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	01/24/73-12/05/73	0	20	
CHCH0180	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	09/07/67-05/21/71	3	15	
CHCH0182	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	09/07/67-10/11/67	0	2	
CHCH0183	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	09/07/67-10/11/67	0	2	
CHCH0188	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	09/10/80-09/10/80	0	1	
CHCH0189	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	09/10/80-09/10/80	0	1	
CHCH0190	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	09/07/67-12/20/73	6	79	
CHCH0191	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	09/07/67-09/07/67	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0195	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	09/07/67-10/11/67	0	2	
CHCH0207	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	08/06/70-09/08/70	0	6	
CHCH0208	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	09/07/67-09/20/79	12	33	
CHCH0209	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	09/08/70-09/08/70	0	1	
CHCH0216	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	09/06/67-09/26/72	5	11	
CHCH0224	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	11/21/73-12/20/73	0	3	
CHCH0226	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	09/08/70-12/05/73	3	51	
CHCH0229	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	09/25/72-09/26/72	0	7	
CHCH0232	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	09/25/72-09/26/72	0	3	
CHCH0233	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	09/06/67-09/26/72	5	14	
CHCH0237	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	09/07/67-09/07/67	0	4	
CHCH0239	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	09/06/67-09/26/72	5	22	
CHCH0248	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	09/07/67-12/20/73	6	6	
CHCH0251	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	01/23/73-12/04/73	0	14	
CHCH0252	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	02/26/73-02/26/73	0	1	
CHCH0253	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	09/06/67-12/05/73	6	3	
CHCH0258	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	09/08/70-09/08/70	0	1	
CHCH0264	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	02/26/69-12/02/69	0	11	
CHCH0282	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	09/25/72-09/27/72	0	3	
CHCH0286	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	05/04/71-09/20/79	8	180	
CHCH0291	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	01/24/73-12/05/73	0	206	
CHCH0295	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	11/21/73-12/20/73	0	4	
CHCH0296	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	02/26/69-12/02/69	0	11	
CHCH0308	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	09/07/67-09/07/67	0	4	
CHCH0310	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	09/07/67-12/05/73	6	56	
CHCH0313	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	08/06/70-09/08/70	0	5	
CHCH0315	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	03/04/77-04/28/77	0	31	
CHCH0317	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	08/17/79-09/20/79	0	20	
CHCH0318	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	09/26/72-09/27/72	0	8	
CHCH0334	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	09/26/72-09/27/72	0	6	
CHCH0335	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	01/24/73-09/20/79	6	246	
CHCH0342	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	09/06/67-12/04/73	6	36	
CHCH0347	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	01/23/73-12/05/73	0	13	
CHCH0353	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	09/08/70-09/08/70	0	1	
CHCH0371	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	09/07/67-04/21/69	1	2	
CHCH0372	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	09/08/70-09/08/70	0	1	
CHCH0387	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	09/08/70-09/08/70	0	1	
CHCH0392	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	09/07/67-09/07/67	0	4	
CHCH0394	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	09/08/70-09/08/70	0	3	
CHCH0398	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	07/20/93-07/20/93	0	8	
CHCH0401	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	01/23/73-12/05/73	0	13	
CHCH0409	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	01/23/73-05/16/74	1	14	
CHCH0413	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	01/23/73-12/04/73	0	40	
CHCH0414	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	07/15/91-07/17/91	0	547	
CHCH0420	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	07/15/91-07/17/91	0	104	
CHCH0427	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	04/01/87-07/26/93	6	594	
CHCH0430	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	09/08/70-09/08/70	0	1	
CHCH0433	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	07/12/60-09/18/95	35	528	
CHCH0436	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	09/07/67-09/07/67	0	1	
CHCH0443	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	05/03/71-08/11/92	21	482	
CHCH0445	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	09/07/67-12/05/73	6	111	
CHCH0448	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	09/07/67-09/07/67	0	1	
CHCH0449	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	04/01/87-09/19/89	2	553	
CHCH0456	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	10/23/75-09/14/76	0	13	
CHCH0457	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	01/24/73-12/07/76	3	24	
CHCH0002	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/17/80-08/29/80	0	4	
CHCH0004	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/06/67-08/29/80	12	18	
CHCH0005	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/25/69-12/01/69	0	11	
CHCH0009	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/13/67-08/29/80	12	8	
CHCH0012	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/12/86-08/15/96	10	14	
CHCH0013	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/16/72-10/17/72	0	4	
CHCH0014	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/13/67-08/29/80	12	20	
CHCH0015	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/28/69-12/03/69	0	12	
CHCH0016	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/06/67-12/01/69	2	14	
CHCH0018	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/17/72-10/17/72	0	3	
CHCH0019	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/17/72-10/17/72	0	3	
CHCH0020	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/25/69-12/04/69	0	11	
CHCH0023	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/25/69-12/01/69	0	11	
CHCH0024	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/17/81-07/17/81	0	1	
CHCH0026	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/25/69-12/04/69	0	11	
CHCH0027	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/13/67-06/11/92	24	30	
CHCH0028	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/06/67-12/04/69	2	13	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0029	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/25/69-12/04/69	0	11	
CHCH0030	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/06/67-12/04/69	2	13	
CHCH0031	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/25/69-12/04/69	0	11	
CHCH0033	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/25/69-12/04/69	0	11	
CHCH0034	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/26/92-06/11/92	0	12	
CHCH0038	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/27/69-12/03/69	0	12	
CHCH0040	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/06/67-08/29/80	12	19	
CHCH0041	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/25/69-12/04/69	0	11	
CHCH0043	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/26/69-12/02/69	0	11	
CHCH0045	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/07/67-12/03/69	2	12	
CHCH0046	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/07/67-10/11/67	0	2	
CHCH0048	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/27/69-12/03/69	0	11	
CHCH0049	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/27/69-12/04/69	0	12	
CHCH0050	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/07/67-12/03/69	2	14	
CHCH0051	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/06/67-12/04/69	2	14	
CHCH0053	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/06/67-08/29/80	12	19	
CHCH0055	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/24/84-12/14/98	14	217	
CHCH0058	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/07/67-12/03/69	2	14	
CHCH0060	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/27/69-12/03/69	0	12	
CHCH0061	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/10/80-09/10/80	0	1	
CHCH0062	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/27/73-03/07/73	0	7	
CHCH0063	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/28/69-12/03/69	0	12	
CHCH0064	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/06/67-12/04/69	2	13	
CHCH0066	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/24/84-02/22/94	10	62	
CHCH0067	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/26/92-06/11/92	0	13	
CHCH0068	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/27/69-12/04/69	0	12	
CHCH0070	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/07/67-10/11/67	0	3	
CHCH0071	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/27/73-03/07/73	0	7	
CHCH0072	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/30/80-08/29/80	0	3	
CHCH0076	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/07/67-12/03/69	2	14	
CHCH0077	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/16/83-01/07/97	13	147	
CHCH0078	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/27/69-05/21/69	0	5	
CHCH0079	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/07/67-12/03/69	2	14	
CHCH0080	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/16/83-01/07/97	13	146	
CHCH0081	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/27/73-03/07/73	0	7	
CHCH0083	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/07/67-12/03/69	2	14	
CHCH0085	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/10/80-09/10/80	0	1	
CHCH0086	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/30/81-06/30/81	0	1	
CHCH0087	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/27/73-03/07/73	0	7	
CHCH0089	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/08/73-03/08/73	0	1	
CHCH0090	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/10/80-09/10/80	0	1	
CHCH0091	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/30/81-06/30/81	0	4	
CHCH0093	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/27/69-12/04/69	0	12	
CHCH0097	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/26/92-06/11/92	0	13	
CHCH0102	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/27/73-03/07/73	0	7	
CHCH0105	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/07/67-12/03/69	2	14	
CHCH0106	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/27/73-03/07/73	0	7	
CHCH0107	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/10/80-09/10/80	0	1	
CHCH0111	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/10/80-09/10/80	0	1	
CHCH0113	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/27/73-03/07/73	0	8	
CHCH0122	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/10/80-09/10/80	0	1	
CHCH0126	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/26/69-12/02/69	0	11	
CHCH0129	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/06/67-10/13/67	0	2	
CHCH0130	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/27/69-12/04/69	0	12	
CHCH0137	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/10/80-09/10/80	0	2	
CHCH0138	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/27/73-03/07/73	0	7	
CHCH0142	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/30/81-06/30/81	0	1	
CHCH0144	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/27/73-03/07/73	0	7	
CHCH0150	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/23/75-09/14/76	0	14	
CHCH0151	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/06/67-11/10/80	13	25	
CHCH0156	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/10/80-09/12/80	0	2	
CHCH0162	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/27/73-03/07/73	0	7	
CHCH0163	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/07/67-09/12/80	13	4	
CHCH0164	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/30/81-06/30/81	0	4	
CHCH0169	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/07/67-09/12/80	13	33	
CHCH0170	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/27/73-03/08/73	0	8	
CHCH0176	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/27/86-06/11/92	6	24	
CHCH0177	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/18/82-11/17/87	5	58	
CHCH0178	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/24/73-12/05/73	0	20	
CHCH0180	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/07/67-12/03/69	2	14	
CHCH0182	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/07/67-10/11/67	0	2	
CHCH0183	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/07/67-10/11/67	0	2	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0185	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/27/73-03/07/73	0	7	
CHCH0186	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/27/73-03/07/73	0	7	
CHCH0187	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/30/81-06/30/81	0	4	
CHCH0188	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/10/80-09/10/80	0	1	
CHCH0189	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/10/80-09/10/80	0	1	
CHCH0190	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/07/67-12/20/73	6	81	
CHCH0191	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/07/67-09/07/67	0	2	
CHCH0192	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/27/73-03/07/73	0	7	
CHCH0194	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/27/73-03/07/73	0	7	
CHCH0195	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/07/67-10/11/67	0	2	
CHCH0196	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/27/73-03/07/73	0	7	
CHCH0202	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/16/64-08/18/64	0	29	
CHCH0207	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/06/70-09/08/70	0	4	
CHCH0208	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/07/67-09/20/79	12	34	
CHCH0210	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/16/64-07/14/64	0	6	
CHCH0213	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/27/73-03/07/73	0	7	
CHCH0216	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/06/67-09/26/72	5	11	
CHCH0220	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/64-08/20/64	0	60	
CHCH0221	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/16/64-08/18/64	0	60	
CHCH0224	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/21/73-12/20/73	0	3	
CHCH0225	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/17/79-09/20/79	0	9	
CHCH0226	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/08/70-12/05/73	3	51	
CHCH0229	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/25/72-09/26/72	0	7	
CHCH0232	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/25/72-09/26/72	0	3	
CHCH0233	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/06/67-09/26/72	5	14	
CHCH0237	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/07/67-09/07/67	0	6	
CHCH0239	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/06/67-09/26/72	5	22	
CHCH0248	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/07/67-12/20/73	6	7	
CHCH0251	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/23/73-12/04/73	0	14	
CHCH0252	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/26/73-02/26/73	0	1	
CHCH0253	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/06/67-12/05/73	6	3	
CHCH0264	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/26/69-12/02/69	0	11	
CHCH0268	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/23/73-10/30/73	0	14	
CHCH0270	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/16/64-08/11/64	0	10	
CHCH0280	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/02/74-09/26/74	0	34	
CHCH0282	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/25/72-09/27/72	0	3	
CHCH0284	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/02/74-09/26/74	0	31	
CHCH0285	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/23/73-10/30/73	0	14	
CHCH0286	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/04/71-09/20/79	8	180	
CHCH0287	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/01/76-01/01/85	9	105	
CHCH0289	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/02/74-09/26/74	0	33	
CHCH0290	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/27/86-06/11/92	6	32	
CHCH0291	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/24/73-12/05/73	0	206	
CHCH0295	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/21/73-12/20/73	0	4	
CHCH0296	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/26/69-12/02/69	0	11	
CHCH0297	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/16/64-08/18/64	0	20	
CHCH0299	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/01/77-11/17/87	10	155	
CHCH0301	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/17/64-10/19/76	12	92	
CHCH0308	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/07/67-09/07/67	0	6	
CHCH0310	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/07/67-12/05/73	6	58	
CHCH0313	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/06/70-09/08/70	0	4	
CHCH0314	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/07/87-08/19/87	0	2	
CHCH0315	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/04/77-04/28/77	0	31	
CHCH0316	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/14/77-09/27/77	0	2	
CHCH0317	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/17/79-09/20/79	0	20	
CHCH0318	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/26/72-09/27/72	0	8	
CHCH0321	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/07/67-09/07/67	0	1	
CHCH0329	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/14/75-09/29/77	1	28	
CHCH0334	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/26/72-09/27/72	0	6	
CHCH0335	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/24/73-09/20/79	6	246	
CHCH0342	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/06/67-12/04/73	6	36	
CHCH0347	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/23/73-12/05/73	0	13	
CHCH0354	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/01/77-10/06/87	9	110	
CHCH0361	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/16/64-08/18/64	0	10	
CHCH0371	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/07/67-04/21/69	1	2	
CHCH0382	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/17/89-06/06/89	0	10	
CHCH0383	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/02/74-09/26/74	0	34	
CHCH0385	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/02/74-09/26/74	0	34	
CHCH0389	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/02/74-09/26/74	0	34	
CHCH0392	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/07/67-09/07/67	0	6	
CHCH0394	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/08/70-09/08/70	0	3	
CHCH0397	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/17/89-06/06/89	0	10	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0398	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/27/86-07/20/93	7	28	
CHCH0401	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/23/73-12/05/73	0	13	
CHCH0403	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/26/92-06/11/92	0	11	
CHCH0406	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/17/64-08/19/64	0	87	
CHCH0407	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/02/74-09/26/74	0	36	
CHCH0408	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/23/73-10/29/73	0	16	
CHCH0409	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/23/73-07/19/93	20	96	
CHCH0412	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/27/86-06/18/86	0	10	
CHCH0413	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/23/73-12/04/73	0	40	
CHCH0414	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/15/91-07/29/92	1	841	
CHCH0416	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/13/74-11/13/74	0	1	
CHCH0417	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/02/74-09/26/74	0	36	
CHCH0418	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/23/64-09/29/77	13	8	
CHCH0420	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/15/91-07/29/92	1	142	
CHCH0421	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/02/74-09/26/74	0	34	
CHCH0427	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/01/87-08/12/93	6	618	
CHCH0430	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/08/70-09/08/70	0	1	
CHCH0433	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/12/60-09/16/97	37	1652	
CHCH0436	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/07/67-09/07/67	0	1	
CHCH0440	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/27/86-07/19/86	0	21	
CHCH0441	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/26/92-07/08/93	1	18	
CHCH0443	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/03/71-08/11/92	21	489	
CHCH0444	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/27/86-06/18/86	0	10	
CHCH0445	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/07/67-12/05/73	6	112	
CHCH0446	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/03/92-07/08/93	1	27	
CHCH0448	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/07/67-09/07/67	0	2	
CHCH0449	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/01/87-07/22/91	4	556	
CHCH0450	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/13/64-08/20/64	0	59	
CHCH0456	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/23/75-09/14/76	0	13	
CHCH0457	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/24/73-12/07/76	3	24	
CHCH0458	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/26/92-07/08/93	1	33	
CHCH0066	No	00004	STREAM WIDTH (FEET)	10/01/74-10/01/74	0	1	
CHCH0009	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	10/16/72-10/16/72	0	3	
CHCH0012	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	08/13/98-08/13/98	0	1	
CHCH0013	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	10/16/72-10/17/72	0	4	
CHCH0014	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	10/16/72-10/16/72	0	3	
CHCH0018	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	10/17/72-10/17/72	0	3	
CHCH0019	Yes	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	10/17/72-10/17/72	0	3	
CHCH0027	Yes	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	10/18/72-10/18/72	0	3	
CHCH0040	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	10/18/72-10/18/72	0	1	
CHCH0053	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	10/18/72-10/18/72	0	1	
CHCH0055	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	07/12/73-12/14/98	25	346	
CHCH0062	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	02/27/73-03/07/73	0	7	
CHCH0066	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	07/18/73-02/22/94	20	148	
CHCH0069	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	03/06/73-03/06/73	0	1	
CHCH0071	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	02/27/73-03/07/73	0	7	
CHCH0073	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	03/06/73-03/06/73	0	1	
CHCH0074	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	03/05/73-03/07/73	0	3	
CHCH0075	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	06/09/64-06/03/65	0	14	
CHCH0077	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	11/16/83-01/07/97	13	145	
CHCH0080	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	11/16/83-01/07/97	13	145	
CHCH0081	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	02/27/73-03/07/73	0	7	
CHCH0084	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	06/02/64-08/17/64	0	17	
CHCH0086	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	06/30/81-06/30/81	0	1	
CHCH0087	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	02/27/73-03/07/73	0	7	
CHCH0089	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	03/08/73-03/08/73	0	1	
CHCH0091	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	06/30/81-06/30/81	0	4	
CHCH0094	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	03/01/73-03/02/73	0	8	
CHCH0099	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	05/02/60-06/12/85	25	15	
CHCH0100	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	03/05/73-03/08/73	0	5	
CHCH0101	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	06/02/64-06/11/64	0	8	
CHCH0102	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	02/27/73-03/07/73	0	7	
CHCH0106	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	02/27/73-03/07/73	0	7	
CHCH0108	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	02/28/73-03/07/73	0	11	
CHCH0109	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	02/28/73-03/02/73	0	12	
CHCH0110	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	03/01/73-03/02/73	0	8	
CHCH0113	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	02/27/73-03/07/73	0	8	
CHCH0114	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	05/03/60-08/17/64	4	13	
CHCH0116	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	02/28/73-03/02/73	0	12	
CHCH0117	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	02/28/73-03/02/73	0	12	
CHCH0118	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	03/01/73-03/02/73	0	8	
CHCH0119	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	03/06/73-03/08/73	0	12	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0120	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	02/27/73-03/01/73	0	3	
CHCH0123	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	02/27/73-03/01/73	0	11	
CHCH0128	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	03/06/73-03/08/73	0	12	
CHCH0131	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	03/06/73-03/08/73	0	12	
CHCH0132	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	03/06/73-03/08/73	0	12	
CHCH0134	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	06/02/64-06/11/64	0	4	
CHCH0138	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	02/27/73-03/07/73	0	7	
CHCH0140	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	03/06/73-03/08/73	0	12	
CHCH0142	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	06/30/81-06/30/81	0	1	
CHCH0144	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	02/27/73-03/07/73	0	7	
CHCH0145	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	05/25/65-05/27/65	0	3	
CHCH0146	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	02/27/73-03/02/73	0	6	
CHCH0147	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	07/10/95-02/23/98	2	6	
CHCH0151	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	09/25/72-09/26/72	0	6	
CHCH0162	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	02/27/73-03/07/73	0	7	
CHCH0164	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	06/30/81-06/30/81	0	4	
CHCH0168	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	02/27/73-03/01/73	0	10	
CHCH0169	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	01/24/73-12/04/73	0	13	
CHCH0170	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	02/27/73-03/08/73	0	8	
CHCH0177	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	10/18/82-12/15/98	16	184	
CHCH0178	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	01/24/73-12/05/73	0	13	
CHCH0179	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	05/25/65-05/27/65	0	3	
CHCH0181	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	06/02/64-05/27/65	0	11	
CHCH0185	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	02/27/73-03/07/73	0	7	
CHCH0186	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	02/27/73-03/07/73	0	7	
CHCH0187	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	06/30/81-06/30/81	0	4	
CHCH0190	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	08/23/73-11/07/73	0	8	
CHCH0192	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	02/27/73-03/07/73	0	7	
CHCH0194	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	02/27/73-03/07/73	0	7	
CHCH0196	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	02/27/73-03/07/73	0	7	
CHCH0197	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	06/02/64-06/10/64	0	6	
CHCH0199	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	05/24/73-05/24/73	0	1	
CHCH0200	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	05/24/73-05/24/73	0	1	
CHCH0201	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	05/24/73-05/24/73	0	1	
CHCH0202	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	06/16/64-08/18/64	0	29	
CHCH0207	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	08/06/70-09/08/70	0	6	
CHCH0210	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	06/16/64-07/14/64	0	6	
CHCH0211	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	03/07/73-03/08/73	0	6	
CHCH0213	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	02/27/73-03/07/73	0	7	
CHCH0214	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	03/07/73-03/08/73	0	6	
CHCH0216	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	09/25/72-09/26/72	0	9	
CHCH0217	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	02/27/73-03/01/73	0	3	
CHCH0218	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	02/27/73-02/28/73	0	2	
CHCH0219	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	02/27/73-03/01/73	0	3	
CHCH0220	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	06/18/64-08/20/64	0	60	
CHCH0221	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	06/16/64-08/18/64	0	60	
CHCH0222	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	06/19/72-06/23/72	0	5	
CHCH0223	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	03/07/73-03/08/73	0	4	
CHCH0226	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	09/08/70-12/05/73	3	27	
CHCH0227	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	06/07/83-06/07/83	0	1	
CHCH0228	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	03/07/73-03/08/73	0	3	
CHCH0229	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	09/25/72-09/26/72	0	7	
CHCH0230	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	01/06/69-01/07/74	5	119	
CHCH0231	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	06/15/64-08/17/64	0	10	
CHCH0232	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	09/25/72-09/26/72	0	3	
CHCH0233	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	09/26/72-09/26/72	0	1	
CHCH0235	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	06/20/72-06/24/72	0	5	
CHCH0239	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	09/25/72-09/26/72	0	9	
CHCH0241	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	06/26/80-06/26/80	0	1	
CHCH0242	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	06/26/80-06/26/80	0	1	
CHCH0246	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	05/25/65-05/27/65	0	3	
CHCH0249	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	06/20/72-06/23/72	0	4	
CHCH0250	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	02/27/73-03/07/73	0	27	
CHCH0251	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	01/23/73-12/04/73	0	13	
CHCH0252	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	02/26/73-02/26/73	0	1	
CHCH0254	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	06/19/72-06/24/72	0	11	
CHCH0259	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	03/07/73-03/07/73	0	1	
CHCH0261	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	06/23/72-06/24/72	0	2	
CHCH0262	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	03/07/73-03/08/73	0	2	
CHCH0263	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	06/20/72-06/24/72	0	5	
CHCH0266	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	11/28/72-01/03/73	0	45	
CHCH0267	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	11/28/72-01/03/73	0	45	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0268	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	05/23/73-10/30/73	0	14	
CHCH0270	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	06/16/64-08/11/64	0	10	
CHCH0282	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	09/25/72-09/27/72	0	3	
CHCH0285	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	05/23/73-10/30/73	0	12	
CHCH0286	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	02/02/72-12/04/73	1	73	
CHCH0287	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	08/01/72-01/01/85	12	146	
CHCH0292	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	06/20/72-06/24/72	0	5	
CHCH0293	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	06/20/72-06/24/72	0	5	
CHCH0297	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	06/16/64-08/18/64	0	20	
CHCH0299	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	11/30/77-12/15/98	21	270	
CHCH0300	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	06/20/72-06/24/72	0	5	
CHCH0301	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	06/17/64-10/19/76	12	92	
CHCH0303	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	03/06/73-03/08/73	0	19	
CHCH0304	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	03/06/73-03/08/73	0	19	
CHCH0305	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	03/06/73-03/08/73	0	20	
CHCH0306	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	03/06/73-03/08/73	0	19	
CHCH0310	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	01/23/73-12/05/73	0	24	
CHCH0311	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	06/23/72-06/24/72	0	2	
CHCH0312	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	06/20/72-06/24/72	0	5	
CHCH0313	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	08/06/70-11/16/92	22	80	
CHCH0316	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	05/25/65-02/14/77	11	4	
CHCH0318	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	09/26/72-09/27/72	0	6	
CHCH0322	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	06/24/72-06/24/72	0	1	
CHCH0327	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	05/25/65-05/27/65	0	3	
CHCH0329	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	08/01/72-08/29/77	5	55	
CHCH0330	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	06/19/72-06/23/72	0	7	
CHCH0331	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	06/24/72-06/24/72	0	1	
CHCH0335	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	01/24/73-12/05/73	0	14	
CHCH0339	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	05/25/65-05/27/65	0	3	
CHCH0342	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	09/26/72-12/04/73	1	20	
CHCH0343	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	06/20/72-06/24/72	0	5	
CHCH0346	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	06/23/72-06/23/72	0	1	
CHCH0347	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	01/23/73-12/05/73	0	13	
CHCH0354	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	11/30/77-04/07/98	20	165	
CHCH0358	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	06/23/72-06/24/72	0	2	
CHCH0361	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	06/16/64-08/18/64	0	10	
CHCH0362	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	06/19/72-06/24/72	0	10	
CHCH0363	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	06/20/72-06/24/72	0	6	
CHCH0365	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	06/20/72-06/24/72	0	5	
CHCH0366	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	06/20/72-06/24/72	0	5	
CHCH0367	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	06/24/72-06/24/72	0	1	
CHCH0368	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	06/19/72-06/24/72	0	10	
CHCH0369	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	06/20/72-06/24/72	0	5	
CHCH0378	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	06/20/72-06/24/72	0	5	
CHCH0379	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	06/19/72-06/23/72	0	7	
CHCH0380	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	06/20/72-06/23/72	0	4	
CHCH0390	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	03/08/73-03/08/73	0	1	
CHCH0392	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	10/01/92-10/13/92	0	8	
CHCH0394	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	09/08/70-09/08/70	0	3	
CHCH0401	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	01/23/73-12/05/73	0	13	
CHCH0406	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	06/17/64-08/19/64	0	87	
CHCH0408	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	05/23/73-10/29/73	0	16	
CHCH0409	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	01/23/73-09/25/86	13	19	
CHCH0413	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	01/23/73-12/04/73	0	24	
CHCH0418	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	06/23/64-06/03/75	10	35	
CHCH0419	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	11/16/89-11/17/89	0	10	
CHCH0427	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	04/01/87-09/19/89	2	100	
CHCH0428	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	11/23/60-11/15/62	1	42	
CHCH0429	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	06/19/72-06/23/72	0	8	
CHCH0430	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	09/08/70-09/08/70	0	1	
CHCH0431	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	11/06/90-10/23/92	1	16	
CHCH0433	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	01/23/73-08/12/97	24	192	
CHCH0434	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	08/24/64-09/03/64	0	16	
CHCH0435	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	04/09/90-09/13/90	0	92	
CHCH0443	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	02/02/72-08/11/92	20	59	
CHCH0445	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	01/23/73-12/05/73	0	46	
CHCH0449	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	04/01/87-07/22/91	4	44	
CHCH0450	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	05/13/64-08/20/64	0	59	
CHCH0455	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	05/25/65-05/27/65	0	3	
CHCH0457	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	01/24/73-12/04/73	0	14	
CHCH0001	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/03/77-10/03/77	0	1	
CHCH0002	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/17/80-08/29/80	0	4	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0003	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/77-09/27/77	0	1	
CHCH0004	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/06/67-08/29/80	12	18	
CHCH0005	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/25/69-12/01/69	0	11	
CHCH0006	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/07/76-04/21/77	0	2	
CHCH0007	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/31/76-08/31/76	0	1	
CHCH0008	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/25/79-09/02/81	2	9	
CHCH0009	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/67-08/29/80	12	8	
CHCH0010	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/24/79-09/01/81	2	9	
CHCH0014	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/67-08/29/80	12	20	
CHCH0015	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/28/69-12/03/69	0	12	
CHCH0016	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/06/67-12/01/69	2	14	
CHCH0017	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/25/79-09/01/81	2	9	
CHCH0018	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/17/72-10/17/72	0	3	
CHCH0019	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/17/72-10/17/72	0	3	
CHCH0020	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/25/69-12/04/69	0	11	
CHCH0021	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/26/76-10/20/81	5	12	
CHCH0022	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/28/77-09/28/77	0	1	
CHCH0023	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/25/69-12/01/69	0	11	
CHCH0024	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/17/81-07/17/81	0	1	
CHCH0025	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/58-05/23/58	0	1	
CHCH0026	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/25/69-12/04/69	0	11	
CHCH0027	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/67-08/29/80	12	20	
CHCH0028	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/06/67-12/04/69	2	13	
CHCH0029	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/25/69-12/04/69	0	11	
CHCH0030	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/06/67-12/04/69	2	13	
CHCH0031	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/25/69-12/04/69	0	11	
CHCH0032	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/25/74-06/25/74	0	1	
CHCH0033	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/25/69-12/04/69	0	11	
CHCH0035	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/07/77-10/07/77	0	1	
CHCH0037	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/26/76-09/01/81	5	11	
CHCH0038	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/27/69-12/03/69	0	12	
CHCH0039	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/77-09/27/77	0	1	
CHCH0040	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/06/67-08/29/80	12	19	
CHCH0041	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/25/69-12/04/69	0	11	
CHCH0043	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/26/69-12/02/69	0	11	
CHCH0045	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/07/67-12/03/69	2	12	
CHCH0046	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/07/67-10/11/67	0	2	
CHCH0047	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/26/76-09/01/81	5	11	
CHCH0048	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/27/69-12/03/69	0	11	
CHCH0049	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/27/69-12/04/69	0	12	
CHCH0050	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/07/67-12/03/69	2	14	
CHCH0051	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/06/67-12/04/69	2	14	
CHCH0052	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/24/77-09/24/77	0	1	
CHCH0053	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/06/67-08/29/80	12	19	
CHCH0054	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/20/74-07/13/95	20	201	
CHCH0055	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/73-12/14/98	25	139	
CHCH0056	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/15/92-12/15/92	0	1	
CHCH0057	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/01/92-09/01/92	0	1	
CHCH0058	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/07/67-12/03/69	2	14	
CHCH0059	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/66-09/01/81	15	34	
CHCH0060	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/27/69-12/03/69	0	12	
CHCH0061	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/10/80-09/10/80	0	1	
CHCH0062	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/27/73-03/07/73	0	7	
CHCH0063	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/28/69-12/03/69	0	12	
CHCH0064	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/06/67-12/04/69	2	13	
CHCH0065	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/20/74-02/22/94	19	135	
CHCH0066	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/18/73-07/28/87	14	16	
CHCH0068	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/27/69-12/04/69	0	12	
CHCH0070	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/07/67-10/11/67	0	3	
CHCH0071	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/27/73-03/07/73	0	7	
CHCH0072	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/80-08/29/80	0	3	
CHCH0075	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/09/64-06/03/65	0	10	
CHCH0076	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/07/67-12/03/69	2	14	
CHCH0077	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/06/82-01/07/97	14	134	
CHCH0079	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/07/67-12/03/69	2	14	
CHCH0080	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/15/83-01/07/97	13	141	
CHCH0081	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/27/73-03/07/73	0	7	
CHCH0082	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/14/82-07/15/82	0	2	
CHCH0083	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/07/67-12/03/69	2	14	
CHCH0084	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/64-08/17/64	0	17	
CHCH0085	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/10/80-09/10/80	0	1	
CHCH0087	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/27/73-03/07/73	0	7	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0088	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/22/94-07/13/95	0	8	
CHCH0090	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/10/80-09/10/80	0	1	
CHCH0092	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/14/82-07/15/82	0	2	
CHCH0093	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/27/69-12/04/69	0	12	
CHCH0094	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/01/73-03/02/73	0	6	
CHCH0099	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/02/60-05/04/60	0	3	
CHCH0100	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/07/73-03/08/73	0	2	
CHCH0101	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/64-06/11/64	0	8	
CHCH0102	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/27/73-03/07/73	0	7	
CHCH0103	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/15/92-12/15/92	0	1	
CHCH0104	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/15/82-07/15/82	0	1	
CHCH0105	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/07/67-12/03/69	2	14	
CHCH0106	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/27/73-03/07/73	0	7	
CHCH0107	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/10/80-09/10/80	0	1	
CHCH0108	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/28/73-03/07/73	0	8	
CHCH0109	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/28/73-03/02/73	0	9	
CHCH0110	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/01/73-03/02/73	0	6	
CHCH0111	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/10/80-09/10/80	0	1	
CHCH0112	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/02/78-10/02/78	0	1	
CHCH0113	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/27/73-03/07/73	0	7	
CHCH0114	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/03/60-08/17/64	4	13	
CHCH0116	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/28/73-03/02/73	0	9	
CHCH0117	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/28/73-03/02/73	0	9	
CHCH0118	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/01/73-03/02/73	0	6	
CHCH0119	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/06/73-03/08/73	0	9	
CHCH0120	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/27/73-03/01/73	0	3	
CHCH0121	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/14/82-07/15/82	0	2	
CHCH0122	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/10/80-09/10/80	0	1	
CHCH0123	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/27/73-03/01/73	0	9	
CHCH0125	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/14/82-07/15/82	0	2	
CHCH0126	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/26/69-12/02/69	0	11	
CHCH0127	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/14/82-07/15/82	0	2	
CHCH0128	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/06/73-03/08/73	0	9	
CHCH0129	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/06/67-10/13/67	0	2	
CHCH0130	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/27/69-12/04/69	0	12	
CHCH0131	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/06/73-03/08/73	0	9	
CHCH0132	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/06/73-03/08/73	0	9	
CHCH0134	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/64-06/11/64	0	4	
CHCH0136	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/14/82-07/15/82	0	2	
CHCH0137	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/10/80-09/10/80	0	1	
CHCH0138	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/27/73-03/07/73	0	7	
CHCH0140	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/06/73-03/08/73	0	9	
CHCH0141	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/21/78-09/21/78	0	1	
CHCH0142	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/14/82-07/15/82	0	2	
CHCH0144	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/27/73-03/07/73	0	7	
CHCH0145	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/25/65-05/27/65	0	3	
CHCH0146	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/28/73-03/01/73	0	2	
CHCH0147	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/10/95-02/23/98	2	5	
CHCH0149	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/57-01/08/92	34	90	
CHCH0150	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/23/75-09/14/76	0	14	
CHCH0151	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/06/67-11/10/80	13	25	
CHCH0152	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/15/68-10/17/68	0	3	
CHCH0153	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/16/92-12/16/92	0	1	
CHCH0155	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/16/92-12/16/92	0	1	
CHCH0156	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/10/80-09/10/80	0	1	
CHCH0157	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/14/82-07/15/82	0	2	
CHCH0158	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/14/82-07/15/82	0	2	
CHCH0159	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/92-04/15/93	0	21	
CHCH0160	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/14/82-07/15/82	0	2	
CHCH0161	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/78-09/19/78	0	1	
CHCH0162	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/27/73-03/07/73	0	7	
CHCH0163	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/07/67-09/10/80	13	3	
CHCH0164	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/14/82-07/15/82	0	2	
CHCH0166	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/14/92-12/14/92	0	1	
CHCH0167	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/16/92-12/16/92	0	1	
CHCH0168	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/27/73-03/01/73	0	8	
CHCH0169	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/07/67-09/10/80	13	29	
CHCH0170	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/27/73-03/07/73	0	7	
CHCH0172	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/17/92-12/17/92	0	1	
CHCH0177	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/82-12/15/98	16	166	
CHCH0178	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/24/73-12/05/73	0	19	
CHCH0179	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/25/65-05/27/65	0	3	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0180	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/07/67-12/03/69	2	13	
CHCH0181	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/64-05/27/65	0	11	
CHCH0182	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/07/67-10/11/67	0	2	
CHCH0183	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/07/67-10/11/67	0	2	
CHCH0184	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/14/82-07/15/82	0	2	
CHCH0185	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/27/73-03/07/73	0	7	
CHCH0186	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/27/73-03/07/73	0	7	
CHCH0188	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/10/80-09/10/80	0	1	
CHCH0189	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/10/80-09/10/80	0	1	
CHCH0190	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/07/67-12/20/73	6	70	
CHCH0191	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/07/67-09/07/67	0	2	
CHCH0192	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/27/73-03/07/73	0	7	
CHCH0194	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/27/73-03/07/73	0	7	
CHCH0195	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/07/67-10/11/67	0	2	
CHCH0196	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/27/73-03/07/73	0	7	
CHCH0197	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/64-06/10/64	0	6	
CHCH0202	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/64-08/18/64	0	29	
CHCH0203	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/78-09/19/78	0	1	
CHCH0204	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/15/68-10/17/68	0	3	
CHCH0208	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/30/76-09/20/79	3	31	
CHCH0210	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/64-07/14/64	0	6	
CHCH0211	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/07/73-03/08/73	0	4	
CHCH0212	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/15/68-10/17/68	0	3	
CHCH0213	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/27/73-03/07/73	0	7	
CHCH0214	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/07/73-03/08/73	0	4	
CHCH0215	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/78-08/24/78	0	1	
CHCH0216	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/06/67-09/26/72	5	11	
CHCH0220	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/18/64-08/20/64	0	60	
CHCH0221	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/64-08/18/64	0	60	
CHCH0223	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/08/73-03/08/73	0	2	
CHCH0224	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/21/73-12/20/73	0	3	
CHCH0225	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/17/79-09/20/79	0	9	
CHCH0226	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/23/73-12/05/73	0	48	
CHCH0228	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/07/73-03/07/73	0	1	
CHCH0229	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/25/72-09/26/72	0	7	
CHCH0231	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/15/64-08/17/64	0	10	
CHCH0233	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/06/67-09/26/72	5	14	
CHCH0234	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/15/68-10/17/68	0	3	
CHCH0235	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/72-06/24/72	0	4	
CHCH0237	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/07/67-09/07/67	0	2	
CHCH0239	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/06/67-09/26/72	5	22	
CHCH0240	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/15/68-10/17/68	0	3	
CHCH0241	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/26/80-06/26/80	0	1	
CHCH0242	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/26/80-06/26/80	0	1	
CHCH0244	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/02/78-10/02/78	0	1	
CHCH0245	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/27/92-03/31/93	0	21	
CHCH0246	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/25/65-05/27/65	0	3	
CHCH0248	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/21/73-12/20/73	0	3	
CHCH0249	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/72-06/23/72	0	3	
CHCH0250	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/28/73-03/07/73	0	4	
CHCH0251	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/23/73-12/04/73	0	13	
CHCH0252	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/26/73-02/26/73	0	1	
CHCH0253	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/06/67-10/13/67	0	2	
CHCH0254	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/72-06/24/72	0	5	
CHCH0256	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/15/68-10/16/68	0	2	
CHCH0260	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/15/68-10/17/68	0	3	
CHCH0261	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/23/72-06/24/72	0	2	
CHCH0263	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/72-06/24/72	0	4	
CHCH0264	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/26/69-12/02/69	0	11	
CHCH0268	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-10/30/73	0	14	
CHCH0270	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/64-08/11/64	0	10	
CHCH0273	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/12/58-05/29/68	10	333	
CHCH0276	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/30/92-04/05/93	0	21	
CHCH0277	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/78-08/24/78	0	1	
CHCH0282	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/26/72-09/27/72	0	2	
CHCH0285	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-10/30/73	0	14	
CHCH0286	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/04/71-09/20/79	8	180	
CHCH0287	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/01/72-06/03/75	2	30	
CHCH0291	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/24/73-12/05/73	0	206	
CHCH0292	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/72-06/23/72	0	4	
CHCH0293	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/72-06/24/72	0	4	
CHCH0294	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/15/68-10/17/68	0	3	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0295	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/21/73-12/20/73	0	3	
CHCH0296	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/26/69-12/02/69	0	11	
CHCH0297	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/64-08/18/64	0	20	
CHCH0299	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/30/77-12/15/98	21	218	
CHCH0300	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/72-06/24/72	0	5	
CHCH0301	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/17/64-08/19/64	0	87	
CHCH0302	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/15/68-10/17/68	0	3	
CHCH0303	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/06/73-03/08/73	0	16	
CHCH0304	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/06/73-03/08/73	0	16	
CHCH0305	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/06/73-03/08/73	0	17	
CHCH0306	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/06/73-03/08/73	0	16	
CHCH0308	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/07/67-09/07/67	0	2	
CHCH0310	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/07/67-12/05/73	6	55	
CHCH0312	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/21/72-06/24/72	0	4	
CHCH0315	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/04/77-03/04/77	0	3	
CHCH0316	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/25/65-02/14/77	11	4	
CHCH0317	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/17/79-09/20/79	0	20	
CHCH0318	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/26/72-09/27/72	0	7	
CHCH0319	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/15/68-10/17/68	0	3	
CHCH0322	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/24/72-06/24/72	0	1	
CHCH0325	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/15/68-10/17/68	0	3	
CHCH0326	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/03/92-03/02/93	0	19	
CHCH0327	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/25/65-05/27/65	0	3	
CHCH0329	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/01/72-08/29/77	5	54	
CHCH0330	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/72-06/21/72	0	2	
CHCH0332	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/15/68-10/17/68	0	3	
CHCH0334	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/26/72-09/27/72	0	6	
CHCH0335	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/24/73-09/20/79	6	246	
CHCH0338	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/15/68-10/17/68	0	3	
CHCH0339	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/25/65-05/27/65	0	3	
CHCH0340	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/15/68-10/17/68	0	3	
CHCH0341	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/15/68-10/17/68	0	3	
CHCH0342	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/06/67-12/04/73	6	33	
CHCH0343	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/72-06/24/72	0	5	
CHCH0344	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/15/68-10/17/68	0	3	
CHCH0347	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/23/73-12/05/73	0	13	
CHCH0348	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/67-02/14/97	29	11	
CHCH0354	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/30/77-04/07/98	20	110	
CHCH0355	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/15/68-10/17/68	0	3	
CHCH0356	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/15/68-10/17/68	0	3	
CHCH0358	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/72-06/24/72	0	3	
CHCH0361	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/64-08/18/64	0	10	
CHCH0362	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/72-06/24/72	0	5	
CHCH0363	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/72-06/23/72	0	4	
CHCH0365	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/72-06/24/72	0	5	
CHCH0366	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/72-06/24/72	0	5	
CHCH0368	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/72-06/24/72	0	5	
CHCH0369	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/72-06/24/72	0	5	
CHCH0371	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/07/67-04/21/69	1	2	
CHCH0377	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/15/68-10/17/68	0	3	
CHCH0378	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/72-06/24/72	0	5	
CHCH0379	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/21/72-06/23/72	0	3	
CHCH0380	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/72-06/23/72	0	4	
CHCH0384	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/15/68-10/17/68	0	3	
CHCH0386	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/15/68-10/17/68	0	3	
CHCH0388	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/15/68-10/17/68	0	3	
CHCH0392	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/07/67-09/07/67	0	2	
CHCH0393	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/15/68-10/17/68	0	3	
CHCH0395	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/15/68-10/17/68	0	3	
CHCH0396	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/15/68-10/17/68	0	3	
CHCH0398	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/20/93-07/20/93	0	8	
CHCH0401	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/23/73-12/05/73	0	13	
CHCH0402	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/78-08/24/78	0	1	
CHCH0406	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/17/64-08/19/64	0	87	
CHCH0408	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-10/29/73	0	16	
CHCH0409	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/61-09/04/96	34	1688	
CHCH0411	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/15/91-07/29/92	1	286	
CHCH0413	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/23/73-12/04/73	0	40	
CHCH0414	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/15/91-07/29/92	1	841	
CHCH0415	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/15/91-07/17/91	0	142	
CHCH0416	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/74-04/17/80	5	128	
CHCH0418	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/23/64-06/03/75	10	35	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0420	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/15/91-07/29/92	1	142	
CHCH0427	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/01/87-08/12/93	6	605	
CHCH0429	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/72-06/23/72	0	3	
CHCH0433	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/60-09/16/97	37	1532	
CHCH0434	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/64-09/03/64	0	16	
CHCH0439	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/78-09/19/78	0	1	
CHCH0443	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/03/71-08/11/92	21	464	
CHCH0445	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/23/73-12/05/73	0	109	
CHCH0448	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/07/67-09/07/67	0	1	
CHCH0449	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/01/87-09/19/89	2	541	
CHCH0450	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/13/64-08/20/64	0	59	
CHCH0451	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/25/78-08/25/78	0	1	
CHCH0452	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/22/79-08/19/81	2	6	
CHCH0455	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/25/65-05/27/65	0	3	
CHCH0456	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/23/75-09/14/76	0	13	
CHCH0457	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/24/73-12/07/76	3	21	
CHCH0459	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/92-03/12/93	0	19	
CHCH0462	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/78-09/20/78	0	1	
CHCH0463	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/78-08/24/78	0	1	
CHCH0280	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	08/01/74-09/26/74	0	25	
CHCH0284	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	08/01/74-09/26/74	0	22	
CHCH0289	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	08/01/74-09/26/74	0	25	
CHCH0383	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	08/01/74-09/26/74	0	26	
CHCH0385	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	08/01/74-09/26/74	0	26	
CHCH0389	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	08/01/74-09/26/74	0	26	
CHCH0407	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	08/01/74-09/26/74	0	28	
CHCH0417	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	08/01/74-09/26/74	0	28	
CHCH0421	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	08/01/74-09/26/74	0	26	
CHCH0313	No	00019	SAMPLE WEIGHT IN GRAMS	10/24/86-11/09/94	8	96	
CHCH0392	No	00019	SAMPLE WEIGHT IN GRAMS	10/01/92-11/24/93	1	20	
CHCH0419	No	00019	SAMPLE WEIGHT IN GRAMS	11/16/89-11/17/89	0	10	
CHCH0431	No	00019	SAMPLE WEIGHT IN GRAMS	11/06/90-10/23/92	1	15	
CHCH0054	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/22/75-07/13/95	19	190	
CHCH0055	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/07/76-12/14/98	22	117	
CHCH0056	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/15/92-12/15/92	0	1	
CHCH0065	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/22/75-02/22/94	18	125	
CHCH0066	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/24/86-11/24/86	0	1	
CHCH0077	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/01/84-01/07/97	12	85	
CHCH0080	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/13/84-01/07/97	12	94	
CHCH0088	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/22/94-07/13/95	0	8	
CHCH0103	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/15/92-12/15/92	0	1	
CHCH0153	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/16/92-12/16/92	0	1	
CHCH0155	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/16/92-12/16/92	0	1	
CHCH0166	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/14/92-12/14/92	0	1	
CHCH0167	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/16/92-12/16/92	0	1	
CHCH0172	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/17/92-12/17/92	0	1	
CHCH0326	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/03/92-06/03/92	0	1	
CHCH0348	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/14/97-02/14/97	0	1	
CHCH0091	No	00023	SAMPLE WEIGHT IN POUNDS	06/30/81-06/30/81	0	4	
CHCH0099	No	00023	SAMPLE WEIGHT IN POUNDS	06/12/85-06/12/85	0	12	
CHCH0164	No	00023	SAMPLE WEIGHT IN POUNDS	06/30/81-06/30/81	0	3	
CHCH0177	No	00023	SAMPLE WEIGHT IN POUNDS	05/02/84-09/30/91	7	11	
CHCH0187	No	00023	SAMPLE WEIGHT IN POUNDS	06/30/81-06/30/81	0	4	
CHCH0227	No	00023	SAMPLE WEIGHT IN POUNDS	06/07/83-06/07/83	0	1	
CHCH0299	No	00023	SAMPLE WEIGHT IN POUNDS	07/12/78-08/03/82	4	38	
CHCH0354	No	00023	SAMPLE WEIGHT IN POUNDS	07/11/78-05/02/84	5	48	
CHCH0091	No	00024	SAMPLE LENGTH IN INCHES	06/30/81-06/30/81	0	4	
CHCH0099	No	00024	SAMPLE LENGTH IN INCHES	06/12/85-06/12/85	0	12	
CHCH0164	No	00024	SAMPLE LENGTH IN INCHES	06/30/81-06/30/81	0	3	
CHCH0177	No	00024	SAMPLE LENGTH IN INCHES	05/02/84-09/30/91	7	11	
CHCH0187	No	00024	SAMPLE LENGTH IN INCHES	06/30/81-06/30/81	0	4	
CHCH0227	No	00024	SAMPLE LENGTH IN INCHES	06/07/83-06/07/83	0	1	
CHCH0299	No	00024	SAMPLE LENGTH IN INCHES	07/12/78-08/03/82	4	38	
CHCH0354	No	00024	SAMPLE LENGTH IN INCHES	07/11/78-05/02/84	5	48	
CHCH0054	No	00025	BAROMETRIC PRESSURE (MM OF HG)	04/28/81-07/13/95	14	120	
CHCH0065	No	00025	BAROMETRIC PRESSURE (MM OF HG)	03/24/81-02/22/94	12	79	
CHCH0066	No	00025	BAROMETRIC PRESSURE (MM OF HG)	03/31/82-03/31/82	0	1	
CHCH0088	No	00025	BAROMETRIC PRESSURE (MM OF HG)	05/11/95-07/13/95	0	3	
CHCH0348	No	00025	BAROMETRIC PRESSURE (MM OF HG)	05/28/96-02/14/97	0	6	
CHCH0021	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	10/20/81-10/20/81	0	1	
CHCH0032	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	11/29/60-04/02/61	0	18	
CHCH0054	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	10/27/81-10/12/95	13	122	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0055	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	07/12/73-12/14/98	25	346	
CHCH0065	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	11/23/81-02/22/94	12	76	
CHCH0066	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	07/18/73-02/22/94	20	148	
CHCH0077	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	10/06/82-01/07/97	14	146	
CHCH0080	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	11/16/83-01/07/97	13	145	
CHCH0088	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	11/22/94-10/12/95	0	9	
CHCH0149	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	10/07/81-01/08/92	10	42	
CHCH0150	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	10/23/75-09/14/76	0	14	
CHCH0159	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/21/92-04/15/93	0	22	
CHCH0245	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/27/92-03/31/93	0	22	
CHCH0276	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	06/30/92-04/05/93	0	21	
CHCH0326	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	06/03/92-03/02/93	0	20	
CHCH0348	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	07/31/85-02/14/97	11	9	
CHCH0416	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	07/21/75-04/17/80	4	42	
CHCH0456	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	01/24/73-09/14/76	3	21	
CHCH0459	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	07/31/92-03/12/93	0	22	
CHCH0006	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	02/14/80-02/14/80	0	1	
CHCH0008	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	05/22/80-09/02/81	1	4	
CHCH0010	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	04/18/79-09/01/81	2	9	
CHCH0017	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	04/25/79-09/01/81	2	9	
CHCH0021	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	04/18/79-10/20/81	2	10	
CHCH0032	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	11/29/60-04/02/61	0	18	
CHCH0037	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	04/24/79-09/01/81	2	9	
CHCH0047	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	04/18/79-09/01/81	2	9	
CHCH0054	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	10/27/81-10/12/95	13	122	
CHCH0059	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	04/18/79-09/01/81	2	24	
CHCH0065	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	11/23/81-02/22/94	12	76	
CHCH0088	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	11/22/94-10/12/95	0	9	
CHCH0149	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	10/07/81-01/08/92	10	42	
CHCH0150	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	10/23/75-09/14/76	0	14	
CHCH0159	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/21/92-04/15/93	0	22	
CHCH0245	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/27/92-03/31/93	0	22	
CHCH0276	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	06/30/92-04/05/93	0	21	
CHCH0326	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	06/03/92-03/02/93	0	20	
CHCH0348	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	07/31/85-02/14/97	11	9	
CHCH0416	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	07/21/75-04/17/80	4	42	
CHCH0452	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	05/22/79-08/19/81	2	6	
CHCH0456	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	01/24/73-09/14/76	3	21	
CHCH0459	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	07/31/92-03/12/93	0	22	
CHCH0443	No	00031	LIGHT,INCIDENT, PERCENT REMAING AT CERTAIN DEPTH	08/27/86-08/27/86	0	4	
CHCH0313	No	00039	SAMPLE LENGTH IN MILLIMETERS	10/24/86-11/09/94	8	96	
CHCH0392	No	00039	SAMPLE LENGTH IN MILLIMETERS	10/01/92-11/24/93	1	18	
CHCH0419	No	00039	SAMPLE LENGTH IN MILLIMETERS	11/16/89-11/17/89	0	10	
CHCH0431	No	00039	SAMPLE LENGTH IN MILLIMETERS	11/06/90-10/23/92	1	15	
CHCH0266	No	00045	PRECIPITATION, TOTAL (INCHES PER DAY)	01/03/73-01/03/73	0	16	
CHCH0056	Yes	00052	HUMIDITY, RELATIVE (PERCENT)	12/15/92-12/15/92	0	1	
CHCH0103	Yes	00052	HUMIDITY, RELATIVE (PERCENT)	12/15/92-12/15/92	0	1	
CHCH0153	Yes	00052	HUMIDITY, RELATIVE (PERCENT)	12/16/92-12/16/92	0	1	
CHCH0155	Yes	00052	HUMIDITY, RELATIVE (PERCENT)	12/16/92-12/16/92	0	1	
CHCH0166	No	00052	HUMIDITY, RELATIVE (PERCENT)	12/14/92-12/14/92	0	1	
CHCH0167	Yes	00052	HUMIDITY, RELATIVE (PERCENT)	12/16/92-12/16/92	0	1	
CHCH0172	No	00052	HUMIDITY, RELATIVE (PERCENT)	12/17/92-12/17/92	0	1	
CHCH0074	No	00058	FLOW, RATE GALLONS/MIN	03/07/73-03/07/73	0	1	
CHCH0094	No	00058	FLOW, RATE GALLONS/MIN	03/01/73-03/02/73	0	2	
CHCH0100	No	00058	FLOW, RATE GALLONS/MIN	03/05/73-03/07/73	0	3	
CHCH0108	No	00058	FLOW, RATE GALLONS/MIN	02/28/73-03/07/73	0	3	
CHCH0109	No	00058	FLOW, RATE GALLONS/MIN	02/28/73-03/02/73	0	3	
CHCH0110	No	00058	FLOW, RATE GALLONS/MIN	03/01/73-03/02/73	0	2	
CHCH0116	No	00058	FLOW, RATE GALLONS/MIN	02/28/73-03/02/73	0	3	
CHCH0117	No	00058	FLOW, RATE GALLONS/MIN	02/28/73-03/02/73	0	3	
CHCH0118	No	00058	FLOW, RATE GALLONS/MIN	03/01/73-03/02/73	0	2	
CHCH0119	No	00058	FLOW, RATE GALLONS/MIN	03/06/73-03/08/73	0	3	
CHCH0123	No	00058	FLOW, RATE GALLONS/MIN	02/27/73-03/01/73	0	3	
CHCH0128	No	00058	FLOW, RATE GALLONS/MIN	03/06/73-03/08/73	0	3	
CHCH0131	No	00058	FLOW, RATE GALLONS/MIN	03/06/73-03/08/73	0	3	
CHCH0132	No	00058	FLOW, RATE GALLONS/MIN	03/06/73-03/08/73	0	3	
CHCH0140	No	00058	FLOW, RATE GALLONS/MIN	03/07/73-03/08/73	0	2	
CHCH0146	No	00058	FLOW, RATE GALLONS/MIN	02/27/73-03/01/73	0	3	
CHCH0168	No	00058	FLOW, RATE GALLONS/MIN	02/27/73-03/01/73	0	3	
CHCH0211	No	00058	FLOW, RATE GALLONS/MIN	03/07/73-03/08/73	0	2	
CHCH0214	No	00058	FLOW, RATE GALLONS/MIN	03/07/73-03/08/73	0	2	
CHCH0217	No	00058	FLOW, RATE GALLONS/MIN	02/27/73-03/01/73	0	3	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0218	No	00058	FLOW, RATE GALLONS/MIN	02/27/73-02/28/73	0	2	
CHCH0219	No	00058	FLOW, RATE GALLONS/MIN	02/27/73-03/01/73	0	3	
CHCH0222	No	00058	FLOW, RATE GALLONS/MIN	06/19/72-06/23/72	0	5	
CHCH0223	No	00058	FLOW, RATE GALLONS/MIN	03/07/73-03/08/73	0	2	
CHCH0250	No	00058	FLOW, RATE GALLONS/MIN	02/27/73-03/06/73	0	5	
CHCH0254	No	00058	FLOW, RATE GALLONS/MIN	06/20/72-06/23/72	0	4	
CHCH0262	No	00058	FLOW, RATE GALLONS/MIN	03/07/73-03/08/73	0	2	
CHCH0303	No	00058	FLOW, RATE GALLONS/MIN	03/06/73-03/08/73	0	3	
CHCH0304	No	00058	FLOW, RATE GALLONS/MIN	03/06/73-03/08/73	0	3	
CHCH0305	No	00058	FLOW, RATE GALLONS/MIN	03/06/73-03/08/73	0	3	
CHCH0306	No	00058	FLOW, RATE GALLONS/MIN	03/06/73-03/08/73	0	3	
CHCH0330	No	00058	FLOW, RATE GALLONS/MIN	06/19/72-06/22/72	0	4	
CHCH0362	No	00058	FLOW, RATE GALLONS/MIN	06/19/72-06/23/72	0	5	
CHCH0368	No	00058	FLOW, RATE GALLONS/MIN	06/20/72-06/23/72	0	4	
CHCH0379	No	00058	FLOW, RATE GALLONS/MIN	06/19/72-06/22/72	0	4	
CHCH0390	No	00058	FLOW, RATE GALLONS/MIN	03/08/73-03/08/73	0	1	
CHCH0429	No	00058	FLOW, RATE GALLONS/MIN	06/19/72-06/23/72	0	4	
CHCH0073	No	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	03/06/73-03/06/73	0	1	
CHCH0108	No	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	03/01/73-03/01/73	0	1	
CHCH0120	No	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	02/27/73-03/01/73	0	3	
CHCH0228	No	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	03/07/73-03/08/73	0	2	
CHCH0259	No	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	03/07/73-03/07/73	0	1	
CHCH0292	No	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	06/21/72-06/24/72	0	4	
CHCH0300	No	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	06/20/72-06/24/72	0	5	
CHCH0305	No	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	03/07/73-03/07/73	0	1	
CHCH0312	No	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	06/23/72-06/24/72	0	2	
CHCH0343	No	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	06/21/72-06/24/72	0	4	
CHCH0363	No	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	06/20/72-06/24/72	0	5	
CHCH0366	No	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	06/20/72-06/24/72	0	5	
CHCH0369	No	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	06/20/72-06/24/72	0	5	
CHCH0378	No	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	06/20/72-06/24/72	0	5	
CHCH0380	No	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	06/20/72-06/23/72	0	4	
CHCH0059	No	00060	FLOW, STREAM, MEAN DAILY CFS	08/05/66-09/11/73	7	7	
CHCH0062	No	00060	FLOW, STREAM, MEAN DAILY CFS	02/27/73-03/07/73	0	7	
CHCH0066	No	00060	FLOW, STREAM, MEAN DAILY CFS	10/15/75-11/25/75	0	2	
CHCH0087	No	00060	FLOW, STREAM, MEAN DAILY CFS	02/27/73-03/07/73	0	7	
CHCH0106	No	00060	FLOW, STREAM, MEAN DAILY CFS	02/27/73-03/07/73	0	7	
CHCH0113	No	00060	FLOW, STREAM, MEAN DAILY CFS	02/27/73-03/07/73	0	8	
CHCH0138	No	00060	FLOW, STREAM, MEAN DAILY CFS	02/27/73-03/07/73	0	7	
CHCH0149	No	00060	FLOW, STREAM, MEAN DAILY CFS	09/18/57-05/25/65	7	5	
CHCH0170	No	00060	FLOW, STREAM, MEAN DAILY CFS	02/27/73-03/07/73	0	7	
CHCH0186	No	00060	FLOW, STREAM, MEAN DAILY CFS	02/28/73-03/07/73	0	6	
CHCH0196	No	00060	FLOW, STREAM, MEAN DAILY CFS	02/27/73-03/07/73	0	6	
CHCH0204	No	00060	FLOW, STREAM, MEAN DAILY CFS	10/15/68-10/17/68	0	3	
CHCH0234	No	00060	FLOW, STREAM, MEAN DAILY CFS	10/15/68-10/16/68	0	2	
CHCH0240	No	00060	FLOW, STREAM, MEAN DAILY CFS	10/15/68-10/17/68	0	3	
CHCH0272	No	00060	FLOW, STREAM, MEAN DAILY CFS	10/12/70-10/12/70	0	1	
CHCH0273	No	00060	FLOW, STREAM, MEAN DAILY CFS	03/12/58-09/28/66	8	503	
CHCH0287	No	00060	FLOW, STREAM, MEAN DAILY CFS	02/13/74-06/03/75	1	14	
CHCH0299	No	00060	FLOW, STREAM, MEAN DAILY CFS	10/01/77-03/26/79	1	14	
CHCH0329	No	00060	FLOW, STREAM, MEAN DAILY CFS	02/12/74-03/22/76	2	18	
CHCH0332	No	00060	FLOW, STREAM, MEAN DAILY CFS	10/15/68-10/17/68	0	3	
CHCH0340	No	00060	FLOW, STREAM, MEAN DAILY CFS	10/16/68-10/17/68	0	2	
CHCH0344	No	00060	FLOW, STREAM, MEAN DAILY CFS	10/15/68-10/17/68	0	3	
CHCH0348	No	00060	FLOW, STREAM, MEAN DAILY CFS	08/10/67-09/16/68	1	3	
CHCH0354	No	00060	FLOW, STREAM, MEAN DAILY CFS	10/01/77-08/01/78	0	11	
CHCH0384	No	00060	FLOW, STREAM, MEAN DAILY CFS	10/15/68-10/17/68	0	3	
CHCH0393	No	00060	FLOW, STREAM, MEAN DAILY CFS	10/15/68-10/17/68	0	3	
CHCH0395	No	00060	FLOW, STREAM, MEAN DAILY CFS	10/15/68-10/17/68	0	3	
CHCH0396	No	00060	FLOW, STREAM, MEAN DAILY CFS	10/15/68-10/17/68	0	3	
CHCH0418	No	00060	FLOW, STREAM, MEAN DAILY CFS	02/13/74-06/03/75	1	14	
CHCH0428	No	00060	FLOW, STREAM, MEAN DAILY CFS	11/23/60-11/15/62	1	42	
CHCH0433	No	00060	FLOW, STREAM, MEAN DAILY CFS	01/24/90-09/15/93	3	27	
CHCH0442	No	00060	FLOW, STREAM, MEAN DAILY CFS	10/12/70-10/12/70	0	1	
CHCH0004	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	01/28/69-12/01/69	0	12	
CHCH0005	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	02/25/69-12/01/69	0	11	
CHCH0006	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/07/76-04/21/77	0	2	
CHCH0008	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/25/79-09/02/81	2	9	
CHCH0009	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/16/72-10/16/72	0	1	
CHCH0010	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/24/79-09/01/81	2	9	
CHCH0013	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/17/72-10/17/72	0	1	
CHCH0014	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	01/28/69-10/16/72	3	13	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0015	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	01/28/69-12/03/69	0	12	
CHCH0016	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	01/28/69-12/01/69	0	12	
CHCH0017	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/25/79-09/01/81	2	9	
CHCH0018	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/17/72-10/17/72	0	1	
CHCH0019	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/17/72-10/17/72	0	1	
CHCH0020	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	02/25/69-12/04/69	0	11	
CHCH0021	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/26/76-10/20/81	5	12	
CHCH0023	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	02/25/69-12/01/69	0	11	
CHCH0024	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	07/17/81-07/17/81	0	1	
CHCH0026	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	02/25/69-12/04/69	0	11	
CHCH0027	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/18/72-10/18/72	0	1	
CHCH0028	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	02/25/69-12/04/69	0	11	
CHCH0029	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	02/25/69-12/04/69	0	11	
CHCH0030	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	02/25/69-12/04/69	0	11	
CHCH0032	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	11/29/60-12/12/60	0	8	
CHCH0033	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	02/25/69-12/04/69	0	11	
CHCH0037	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/26/76-09/01/81	5	10	
CHCH0038	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	01/27/69-12/03/69	0	12	
CHCH0040	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	01/28/69-12/01/69	0	12	
CHCH0041	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	02/25/69-12/04/69	0	11	
CHCH0043	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	02/26/69-12/02/69	0	11	
CHCH0045	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	01/27/69-12/03/69	0	10	
CHCH0046	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/07/67-10/11/67	0	2	
CHCH0047	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/26/76-09/01/81	5	11	
CHCH0049	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	01/27/69-12/04/69	0	12	
CHCH0050	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	01/27/69-12/03/69	0	12	
CHCH0051	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	01/27/69-12/04/69	0	12	
CHCH0053	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	01/28/69-12/01/69	0	12	
CHCH0054	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/20/74-02/22/94	19	185	
CHCH0055	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	11/03/76-12/14/95	19	32	
CHCH0058	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	01/27/69-12/03/69	0	12	
CHCH0059	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/24/79-09/01/81	2	26	
CHCH0060	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	01/27/69-12/03/69	0	12	
CHCH0063	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	01/28/69-12/03/69	0	12	
CHCH0064	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	02/25/69-12/04/69	0	11	
CHCH0065	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/20/74-02/22/94	19	130	
CHCH0066	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	11/03/76-11/28/90	14	11	
CHCH0068	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	01/27/69-12/04/69	0	12	
CHCH0076	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	01/27/69-12/03/69	0	12	
CHCH0079	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	01/27/69-12/03/69	0	12	
CHCH0083	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	01/27/69-12/03/69	0	12	
CHCH0093	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	01/27/69-12/04/69	0	12	
CHCH0105	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	01/27/69-12/03/69	0	12	
CHCH0149	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	05/25/65-01/08/92	26	88	
CHCH0150	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	11/25/75-06/09/76	0	9	
CHCH0151	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	02/26/69-12/07/76	7	18	
CHCH0159	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/21/92-04/15/93	0	19	
CHCH0169	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	01/24/73-12/04/73	0	11	
CHCH0180	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/07/67-10/11/67	0	2	
CHCH0216	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/25/72-09/25/72	0	1	
CHCH0229	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/25/72-09/25/72	0	1	
CHCH0233	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	02/26/69-09/26/72	3	12	
CHCH0239	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	02/26/69-09/26/72	3	12	
CHCH0245	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/27/92-03/31/93	0	20	
CHCH0251	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	01/23/73-12/04/73	0	11	
CHCH0264	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	02/26/69-12/02/69	0	11	
CHCH0276	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	06/30/92-04/05/93	0	19	
CHCH0296	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	02/26/69-12/02/69	0	11	
CHCH0318	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/26/72-09/26/72	0	1	
CHCH0326	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	06/03/92-03/02/93	0	18	
CHCH0329	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/14/75-08/09/76	0	9	
CHCH0334	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/26/72-09/26/72	0	1	
CHCH0342	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	02/26/69-12/04/73	4	22	
CHCH0347	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	01/23/73-12/05/73	0	11	
CHCH0348	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	02/24/76-07/31/85	9	2	
CHCH0401	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	01/23/73-12/05/73	0	11	
CHCH0409	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/17/68-09/04/96	27	1200	
CHCH0416	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/01/74-03/04/80	5	124	
CHCH0433	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/17/95-09/18/95	0	5	
CHCH0443	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/01/78-08/01/78	0	2	
CHCH0452	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	05/22/79-08/19/81	2	6	
CHCH0456	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	01/24/73-06/09/76	3	17	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0457	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	07/13/76-12/07/76	0	7	
CHCH0459	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	07/31/92-03/12/93	0	20	
CHCH0414	No	00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	07/15/91-07/17/91	0	32	
CHCH0420	No	00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	07/15/91-07/17/91	0	6	
CHCH0433	No	00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	01/24/92-09/12/94	2	19	
CHCH0066	No	00063	SAMPLING POINTS, NUMBER OF IN A CROSS SECTION	03/25/87-03/25/87	0	1	
CHCH0042	Yes	00064	DEPTH OF STREAM, MEAN (FT)	04/23/86-04/23/86	0	1	
CHCH0044	No	00064	DEPTH OF STREAM, MEAN (FT)	04/23/86-04/23/86	0	1	
CHCH0202	No	00064	DEPTH OF STREAM, MEAN (FT)	06/16/64-08/18/64	0	28	
CHCH0210	No	00064	DEPTH OF STREAM, MEAN (FT)	06/16/64-07/14/64	0	6	
CHCH0220	No	00064	DEPTH OF STREAM, MEAN (FT)	06/18/64-08/20/64	0	60	
CHCH0221	No	00064	DEPTH OF STREAM, MEAN (FT)	06/16/64-08/18/64	0	58	
CHCH0270	No	00064	DEPTH OF STREAM, MEAN (FT)	06/16/64-08/11/64	0	10	
CHCH0297	No	00064	DEPTH OF STREAM, MEAN (FT)	06/16/64-08/18/64	0	20	
CHCH0301	No	00064	DEPTH OF STREAM, MEAN (FT)	06/17/64-08/19/64	0	83	
CHCH0361	No	00064	DEPTH OF STREAM, MEAN (FT)	06/16/64-08/18/64	0	10	
CHCH0406	No	00064	DEPTH OF STREAM, MEAN (FT)	06/17/64-08/19/64	0	87	
CHCH0418	No	00064	DEPTH OF STREAM, MEAN (FT)	06/23/64-07/14/64	0	5	
CHCH0450	No	00064	DEPTH OF STREAM, MEAN (FT)	05/13/64-08/20/64	0	59	
CHCH0054	No	00065	STAGE, STREAM (FEET)	08/20/74-07/13/95	20	201	
CHCH0055	No	00065	STAGE, STREAM (FEET)	12/28/77-12/14/98	20	40	
CHCH0065	No	00065	STAGE, STREAM (FEET)	08/20/74-02/22/94	19	135	
CHCH0066	No	00065	STAGE, STREAM (FEET)	11/30/82-11/24/86	3	2	
CHCH0077	No	00065	STAGE, STREAM (FEET)	08/10/95-01/07/97	1	17	
CHCH0088	No	00065	STAGE, STREAM (FEET)	05/11/95-07/13/95	0	3	
CHCH0149	No	00065	STAGE, STREAM (FEET)	09/18/57-12/11/57	0	2	
CHCH0348	No	00065	STAGE, STREAM (FEET)	12/17/96-02/14/97	0	2	
CHCH0004	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/28/69-12/01/69	0	12	
CHCH0005	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/25/69-12/01/69	0	11	
CHCH0006	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/07/76-09/07/76	0	1	
CHCH0014	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/28/69-12/01/69	0	12	
CHCH0015	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/28/69-12/03/69	0	12	
CHCH0020	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/25/69-12/04/69	0	11	
CHCH0023	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/25/69-12/01/69	0	11	
CHCH0026	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/25/69-12/04/69	0	11	
CHCH0028	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/25/69-12/04/69	0	11	
CHCH0029	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/25/69-12/04/69	0	11	
CHCH0030	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/25/69-12/04/69	0	11	
CHCH0032	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/17/71-06/17/71	0	1	
CHCH0038	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/27/69-12/03/69	0	12	
CHCH0040	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/28/69-12/01/69	0	12	
CHCH0041	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/25/69-12/04/69	0	11	
CHCH0043	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/26/69-12/02/69	0	11	
CHCH0045	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/27/69-12/03/69	0	10	
CHCH0049	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/27/69-12/04/69	0	12	
CHCH0050	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/27/69-12/03/69	0	12	
CHCH0051	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/27/69-12/04/69	0	12	
CHCH0053	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/28/69-12/01/69	0	12	
CHCH0054	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/20/74-09/27/83	9	103	
CHCH0055	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/12/73-02/27/80	6	16	
CHCH0058	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/27/69-12/03/69	0	12	
CHCH0059	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/17/71-06/17/71	0	1	
CHCH0060	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/27/69-12/03/69	0	12	
CHCH0062	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/27/73-03/07/73	0	7	
CHCH0063	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/28/69-12/03/69	0	12	
CHCH0064	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/25/69-12/04/69	0	11	
CHCH0065	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/20/74-09/28/83	9	72	
CHCH0068	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/27/69-12/04/69	0	12	
CHCH0071	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/27/73-03/07/73	0	7	
CHCH0075	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/09/64-06/03/65	0	14	
CHCH0076	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/27/69-12/03/69	0	12	
CHCH0081	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/27/73-03/07/73	0	7	
CHCH0082	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/14/82-07/15/82	0	2	
CHCH0083	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/27/69-12/03/69	0	12	
CHCH0084	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/02/64-08/17/64	0	17	
CHCH0087	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/27/73-03/07/73	0	7	
CHCH0092	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/14/82-07/15/82	0	2	
CHCH0093	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/27/69-12/04/69	0	12	
CHCH0099	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/02/60-05/04/60	0	3	
CHCH0101	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/02/64-06/11/64	0	8	
CHCH0102	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/27/73-03/07/73	0	7	
CHCH0104	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/14/82-07/15/82	0	2	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0105	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/27/69-12/03/69	0	12	
CHCH0106	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/27/73-03/07/73	0	7	
CHCH0113	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/27/73-03/07/73	0	8	
CHCH0114	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/03/60-08/17/64	4	13	
CHCH0121	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/14/82-07/15/82	0	2	
CHCH0125	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/14/82-07/15/82	0	2	
CHCH0126	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/26/69-12/02/69	0	11	
CHCH0127	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/14/82-07/15/82	0	2	
CHCH0130	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/27/69-12/04/69	0	12	
CHCH0134	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/02/64-06/11/64	0	4	
CHCH0136	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/14/82-07/15/82	0	2	
CHCH0138	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/27/73-03/07/73	0	7	
CHCH0142	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/14/82-07/15/82	0	2	
CHCH0144	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/27/73-03/07/73	0	7	
CHCH0150	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/23/75-09/14/76	0	13	
CHCH0151	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/26/69-11/10/80	11	15	
CHCH0157	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/14/82-07/15/82	0	2	
CHCH0158	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/14/82-07/15/82	0	2	
CHCH0160	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/14/82-07/15/82	0	2	
CHCH0162	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/27/73-03/07/73	0	7	
CHCH0164	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/14/82-07/15/82	0	2	
CHCH0169	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/27/69-12/04/73	4	25	
CHCH0170	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/27/73-03/07/73	0	7	
CHCH0178	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/24/73-12/05/73	0	13	
CHCH0181	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/02/64-06/11/64	0	8	
CHCH0184	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/14/82-07/15/82	0	2	
CHCH0185	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/27/73-03/07/73	0	7	
CHCH0186	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/27/73-03/07/73	0	7	
CHCH0190	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/07/67-09/07/67	0	1	
CHCH0191	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/07/67-09/07/67	0	2	
CHCH0192	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/27/73-03/07/73	0	7	
CHCH0194	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/27/73-03/07/73	0	7	
CHCH0196	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/27/73-03/07/73	0	7	
CHCH0197	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/02/64-06/10/64	0	6	
CHCH0202	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/16/64-08/18/64	0	29	
CHCH0208	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/17/79-09/20/79	0	6	
CHCH0210	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/16/64-07/14/64	0	6	
CHCH0213	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/27/73-03/07/73	0	7	
CHCH0220	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/18/64-08/20/64	0	60	
CHCH0221	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/16/64-08/18/64	0	60	
CHCH0225	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/17/79-09/20/79	0	3	
CHCH0226	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/23/73-12/05/73	0	24	
CHCH0231	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/15/64-08/17/64	0	10	
CHCH0233	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/26/69-12/02/69	0	11	
CHCH0237	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/07/67-09/07/67	0	1	
CHCH0239	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/26/69-12/02/69	0	11	
CHCH0251	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/23/73-12/04/73	0	13	
CHCH0252	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/26/73-02/26/73	0	1	
CHCH0264	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/26/69-12/02/69	0	11	
CHCH0270	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/16/64-08/11/64	0	10	
CHCH0273	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/12/58-05/29/68	10	262	
CHCH0280	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/02/74-09/26/74	0	33	
CHCH0284	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/02/74-09/26/74	0	30	
CHCH0286	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/23/73-09/20/79	6	77	
CHCH0287	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/01/72-01/01/85	12	145	
CHCH0289	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/02/74-09/26/74	0	33	
CHCH0296	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/26/69-12/02/69	0	11	
CHCH0297	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/16/64-08/18/64	0	20	
CHCH0301	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/17/64-08/19/64	0	87	
CHCH0308	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/07/67-09/07/67	0	1	
CHCH0310	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/07/67-12/05/73	6	25	
CHCH0315	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/04/77-04/28/77	0	31	
CHCH0316	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/14/77-02/14/77	0	1	
CHCH0317	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/17/79-09/20/79	0	7	
CHCH0329	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/01/72-08/29/77	5	55	
CHCH0335	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/24/73-09/20/79	6	26	
CHCH0342	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/26/69-12/04/73	4	25	
CHCH0347	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/23/73-12/05/73	0	13	
CHCH0361	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/16/64-08/18/64	0	10	
CHCH0383	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/02/74-09/26/74	0	33	
CHCH0385	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/02/74-09/26/74	0	34	
CHCH0389	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/02/74-09/26/74	0	34	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0392	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/07/67-09/07/67	0	1	
CHCH0401	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/23/73-12/05/73	0	13	
CHCH0406	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/17/64-08/19/64	0	87	
CHCH0407	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/02/74-09/26/74	0	36	
CHCH0409	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/23/73-06/19/80	7	36	
CHCH0413	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/23/73-12/04/73	0	24	
CHCH0416	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/01/74-04/17/80	5	123	
CHCH0417	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/02/74-09/26/74	0	36	
CHCH0418	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/23/64-06/03/75	10	35	
CHCH0421	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/02/74-09/26/74	0	34	
CHCH0428	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/23/60-11/15/62	1	41	
CHCH0433	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/12/60-12/04/73	13	60	
CHCH0434	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/24/64-09/03/64	0	16	
CHCH0443	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/21/79-09/21/79	0	6	
CHCH0445	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/23/73-12/05/73	0	46	
CHCH0448	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/07/67-09/07/67	0	1	
CHCH0450	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/13/64-08/20/64	0	59	
CHCH0455	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/25/65-05/27/65	0	3	
CHCH0456	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/23/75-09/14/76	0	13	
CHCH0457	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/24/73-12/07/76	3	17	
CHCH0268	No	00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	05/23/73-10/30/73	0	14	
CHCH0285	No	00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	05/23/73-10/30/73	0	14	
CHCH0408	No	00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	05/23/73-10/29/73	0	16	
CHCH0054	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/25/83-07/13/95	11	96	
CHCH0055	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/12/73-12/14/98	25	224	T,A,S
CHCH0065	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/30/83-02/22/94	10	61	
CHCH0066	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/18/73-02/22/94	20	75	
CHCH0077	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/06/82-01/07/97	14	135	
CHCH0080	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/16/83-01/07/97	13	143	
CHCH0088	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/22/94-07/13/95	0	8	
CHCH0268	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	05/23/73-10/30/73	0	3	
CHCH0285	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	05/23/73-10/30/73	0	3	
CHCH0408	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	05/23/73-10/29/73	0	3	
CHCH0427	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	04/01/87-09/19/89	2	38	
CHCH0433	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	05/30/86-09/16/97	11	87	
CHCH0443	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/27/86-08/27/86	0	1	
CHCH0449	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	04/01/87-09/19/89	2	41	
CHCH0004	No	00080	COLOR (PLATINUM-COBALT UNITS)	09/06/67-12/01/69	2	14	
CHCH0005	No	00080	COLOR (PLATINUM-COBALT UNITS)	02/25/69-12/01/69	0	11	
CHCH0006	No	00080	COLOR (PLATINUM-COBALT UNITS)	09/07/76-04/21/77	0	2	
CHCH0007	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/31/76-08/31/76	0	1	
CHCH0014	No	00080	COLOR (PLATINUM-COBALT UNITS)	10/13/67-12/01/69	2	13	
CHCH0015	No	00080	COLOR (PLATINUM-COBALT UNITS)	01/28/69-12/03/69	0	12	
CHCH0016	No	00080	COLOR (PLATINUM-COBALT UNITS)	09/06/67-10/13/67	0	2	
CHCH0020	No	00080	COLOR (PLATINUM-COBALT UNITS)	02/25/69-12/04/69	0	11	
CHCH0021	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/26/76-04/21/77	0	2	
CHCH0023	No	00080	COLOR (PLATINUM-COBALT UNITS)	02/25/69-12/01/69	0	11	
CHCH0026	No	00080	COLOR (PLATINUM-COBALT UNITS)	02/25/69-12/04/69	0	11	
CHCH0027	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	10/13/67-10/13/67	0	1	
CHCH0028	No	00080	COLOR (PLATINUM-COBALT UNITS)	09/06/67-12/04/69	2	13	
CHCH0029	No	00080	COLOR (PLATINUM-COBALT UNITS)	02/25/69-12/04/69	0	11	
CHCH0030	No	00080	COLOR (PLATINUM-COBALT UNITS)	09/06/67-12/04/69	2	13	
CHCH0032	No	00080	COLOR (PLATINUM-COBALT UNITS)	05/23/58-06/25/74	16	3	
CHCH0037	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/26/76-04/28/77	0	2	
CHCH0038	No	00080	COLOR (PLATINUM-COBALT UNITS)	01/27/69-12/03/69	0	12	
CHCH0040	No	00080	COLOR (PLATINUM-COBALT UNITS)	09/06/67-12/01/69	2	14	
CHCH0041	No	00080	COLOR (PLATINUM-COBALT UNITS)	02/25/69-12/04/69	0	11	
CHCH0043	No	00080	COLOR (PLATINUM-COBALT UNITS)	02/26/69-12/02/69	0	11	
CHCH0045	No	00080	COLOR (PLATINUM-COBALT UNITS)	09/07/67-12/03/69	2	12	
CHCH0046	No	00080	COLOR (PLATINUM-COBALT UNITS)	09/07/67-10/11/67	0	2	
CHCH0047	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/26/76-04/22/77	0	2	
CHCH0049	No	00080	COLOR (PLATINUM-COBALT UNITS)	01/27/69-12/04/69	0	12	
CHCH0050	No	00080	COLOR (PLATINUM-COBALT UNITS)	09/07/67-12/03/69	2	14	
CHCH0051	No	00080	COLOR (PLATINUM-COBALT UNITS)	09/06/67-12/04/69	2	14	
CHCH0053	No	00080	COLOR (PLATINUM-COBALT UNITS)	09/06/67-12/01/69	2	14	
CHCH0054	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/20/74-06/07/77	2	29	
CHCH0055	No	00080	COLOR (PLATINUM-COBALT UNITS)	07/12/73-12/10/90	17	40	
CHCH0058	No	00080	COLOR (PLATINUM-COBALT UNITS)	09/07/67-12/03/69	2	14	
CHCH0059	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/05/66-06/26/74	7	8	
CHCH0060	No	00080	COLOR (PLATINUM-COBALT UNITS)	01/27/69-12/03/69	0	12	
CHCH0063	No	00080	COLOR (PLATINUM-COBALT UNITS)	01/28/69-12/03/69	0	12	
CHCH0064	No	00080	COLOR (PLATINUM-COBALT UNITS)	09/06/67-12/04/69	2	13	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0065	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/20/74-09/24/80	6	28	
CHCH0066	No	00080	COLOR (PLATINUM-COBALT UNITS)	07/18/73-07/28/87	14	13	
CHCH0068	No	00080	COLOR (PLATINUM-COBALT UNITS)	01/27/69-12/04/69	0	12	
CHCH0070	No	00080	COLOR (PLATINUM-COBALT UNITS)	09/28/67-09/28/67	0	1	
CHCH0076	No	00080	COLOR (PLATINUM-COBALT UNITS)	09/07/67-12/03/69	2	14	
CHCH0077	No	00080	COLOR (PLATINUM-COBALT UNITS)	10/06/82-12/10/90	8	72	
CHCH0079	No	00080	COLOR (PLATINUM-COBALT UNITS)	09/07/67-10/11/67	0	2	
CHCH0080	No	00080	COLOR (PLATINUM-COBALT UNITS)	11/16/83-12/10/90	7	68	
CHCH0083	No	00080	COLOR (PLATINUM-COBALT UNITS)	09/07/67-12/03/69	2	13	
CHCH0084	No	00080	COLOR (PLATINUM-COBALT UNITS)	06/02/64-06/03/64	0	2	
CHCH0093	No	00080	COLOR (PLATINUM-COBALT UNITS)	01/27/69-12/04/69	0	12	
CHCH0099	No	00080	COLOR (PLATINUM-COBALT UNITS)	05/02/60-05/03/60	0	2	
CHCH0101	No	00080	COLOR (PLATINUM-COBALT UNITS)	06/02/64-06/04/64	0	4	
CHCH0105	No	00080	COLOR (PLATINUM-COBALT UNITS)	09/07/67-12/03/69	2	14	
CHCH0114	No	00080	COLOR (PLATINUM-COBALT UNITS)	05/03/60-05/06/60	0	3	
CHCH0126	No	00080	COLOR (PLATINUM-COBALT UNITS)	02/26/69-12/02/69	0	11	
CHCH0129	No	00080	COLOR (PLATINUM-COBALT UNITS)	09/06/67-10/13/67	0	2	
CHCH0130	No	00080	COLOR (PLATINUM-COBALT UNITS)	01/27/69-12/04/69	0	12	
CHCH0134	No	00080	COLOR (PLATINUM-COBALT UNITS)	06/02/64-06/03/64	0	2	
CHCH0149	No	00080	COLOR (PLATINUM-COBALT UNITS)	03/03/58-05/25/65	7	3	
CHCH0150	No	00080	COLOR (PLATINUM-COBALT UNITS)	10/23/75-09/14/76	0	13	
CHCH0151	No	00080	COLOR (PLATINUM-COBALT UNITS)	09/06/67-11/10/80	13	17	
CHCH0163	No	00080	COLOR (PLATINUM-COBALT UNITS)	09/07/67-09/07/67	0	1	
CHCH0169	No	00080	COLOR (PLATINUM-COBALT UNITS)	09/07/67-12/04/73	6	27	
CHCH0178	No	00080	COLOR (PLATINUM-COBALT UNITS)	01/24/73-12/05/73	0	13	
CHCH0180	No	00080	COLOR (PLATINUM-COBALT UNITS)	09/07/67-10/11/67	0	2	
CHCH0181	No	00080	COLOR (PLATINUM-COBALT UNITS)	06/02/64-06/04/64	0	4	
CHCH0182	No	00080	COLOR (PLATINUM-COBALT UNITS)	09/07/67-10/11/67	0	2	
CHCH0183	No	00080	COLOR (PLATINUM-COBALT UNITS)	09/07/67-10/11/67	0	2	
CHCH0190	No	00080	COLOR (PLATINUM-COBALT UNITS)	09/07/67-09/07/67	0	1	
CHCH0191	No	00080	COLOR (PLATINUM-COBALT UNITS)	09/07/67-09/07/67	0	2	
CHCH0195	No	00080	COLOR (PLATINUM-COBALT UNITS)	09/07/67-10/11/67	0	2	
CHCH0197	No	00080	COLOR (PLATINUM-COBALT UNITS)	06/02/64-06/04/64	0	4	
CHCH0208	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/17/79-09/20/79	0	2	
CHCH0216	No	00080	COLOR (PLATINUM-COBALT UNITS)	09/06/67-09/06/67	0	1	
CHCH0225	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/17/79-09/20/79	0	2	
CHCH0226	No	00080	COLOR (PLATINUM-COBALT UNITS)	01/23/73-12/05/73	0	24	
CHCH0233	No	00080	COLOR (PLATINUM-COBALT UNITS)	09/06/67-12/02/69	2	13	
CHCH0237	No	00080	COLOR (PLATINUM-COBALT UNITS)	09/07/67-09/07/67	0	1	
CHCH0239	No	00080	COLOR (PLATINUM-COBALT UNITS)	09/06/67-12/02/69	2	13	
CHCH0251	No	00080	COLOR (PLATINUM-COBALT UNITS)	01/23/73-12/04/73	0	13	
CHCH0252	No	00080	COLOR (PLATINUM-COBALT UNITS)	02/26/73-02/26/73	0	1	
CHCH0253	No	00080	COLOR (PLATINUM-COBALT UNITS)	09/06/67-10/13/67	0	2	
CHCH0264	No	00080	COLOR (PLATINUM-COBALT UNITS)	02/26/69-12/02/69	0	11	
CHCH0273	No	00080	COLOR (PLATINUM-COBALT UNITS)	03/12/58-05/29/68	10	262	
CHCH0286	No	00080	COLOR (PLATINUM-COBALT UNITS)	01/23/73-09/20/79	6	70	
CHCH0287	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/01/72-01/01/85	12	140	
CHCH0296	No	00080	COLOR (PLATINUM-COBALT UNITS)	02/26/69-12/02/69	0	11	
CHCH0308	No	00080	COLOR (PLATINUM-COBALT UNITS)	09/07/67-09/07/67	0	1	
CHCH0310	No	00080	COLOR (PLATINUM-COBALT UNITS)	09/07/67-12/05/73	6	25	
CHCH0317	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/17/79-09/20/79	0	2	
CHCH0329	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/01/72-07/26/77	4	40	
CHCH0335	No	00080	COLOR (PLATINUM-COBALT UNITS)	01/24/73-09/20/79	6	18	
CHCH0342	No	00080	COLOR (PLATINUM-COBALT UNITS)	09/06/67-12/04/73	6	27	
CHCH0347	No	00080	COLOR (PLATINUM-COBALT UNITS)	01/23/73-12/05/73	0	13	
CHCH0348	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/10/67-09/16/68	1	3	
CHCH0371	No	00080	COLOR (PLATINUM-COBALT UNITS)	09/07/67-09/07/67	0	1	
CHCH0392	No	00080	COLOR (PLATINUM-COBALT UNITS)	09/07/67-09/07/67	0	1	
CHCH0401	No	00080	COLOR (PLATINUM-COBALT UNITS)	01/23/73-12/05/73	0	13	
CHCH0409	No	00080	COLOR (PLATINUM-COBALT UNITS)	01/23/73-06/19/80	7	36	
CHCH0413	No	00080	COLOR (PLATINUM-COBALT UNITS)	01/23/73-12/04/73	0	24	
CHCH0416	No	00080	COLOR (PLATINUM-COBALT UNITS)	10/01/74-04/17/80	5	124	
CHCH0418	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/01/72-06/03/75	2	30	
CHCH0428	No	00080	COLOR (PLATINUM-COBALT UNITS)	11/23/60-11/15/62	1	40	
CHCH0433	No	00080	COLOR (PLATINUM-COBALT UNITS)	07/12/60-09/12/94	34	148	T,S
CHCH0435	No	00080	COLOR (PLATINUM-COBALT UNITS)	04/09/90-09/13/90	0	36	
CHCH0443	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/21/79-09/21/79	0	2	
CHCH0445	No	00080	COLOR (PLATINUM-COBALT UNITS)	01/23/73-12/05/73	0	46	
CHCH0448	No	00080	COLOR (PLATINUM-COBALT UNITS)	09/07/67-09/07/67	0	1	
CHCH0456	No	00080	COLOR (PLATINUM-COBALT UNITS)	10/23/75-09/14/76	0	13	
CHCH0457	No	00080	COLOR (PLATINUM-COBALT UNITS)	01/24/73-12/07/76	3	17	
CHCH0075	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	06/09/64-06/03/65	0	12	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0082	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	07/14/82-07/15/82	0	2	
CHCH0084	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	06/02/64-08/17/64	0	15	
CHCH0092	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	07/14/82-07/15/82	0	2	
CHCH0099	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	05/03/60-05/04/60	0	2	
CHCH0101	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	06/02/64-06/11/64	0	8	
CHCH0104	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	07/14/82-07/15/82	0	2	
CHCH0114	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	05/03/60-08/17/64	4	13	
CHCH0121	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	07/14/82-07/15/82	0	2	
CHCH0125	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	07/14/82-07/15/82	0	2	
CHCH0127	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	07/14/82-07/15/82	0	2	
CHCH0134	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	06/02/64-06/11/64	0	4	
CHCH0136	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	07/14/82-07/15/82	0	2	
CHCH0142	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	07/14/82-07/15/82	0	2	
CHCH0151	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	10/23/75-11/10/80	5	17	
CHCH0157	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	07/14/82-07/15/82	0	2	
CHCH0158	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	07/14/82-07/15/82	0	2	
CHCH0160	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	07/14/82-07/15/82	0	2	
CHCH0164	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	07/14/82-07/15/82	0	2	
CHCH0169	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	01/24/73-12/04/73	0	13	
CHCH0178	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	01/24/73-12/05/73	0	13	
CHCH0181	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	06/02/64-06/11/64	0	8	
CHCH0184	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	07/14/82-07/15/82	0	2	
CHCH0197	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	06/02/64-06/10/64	0	6	
CHCH0202	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	06/16/64-08/18/64	0	29	
CHCH0210	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	06/16/64-07/14/64	0	6	
CHCH0220	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	06/18/64-08/20/64	0	60	
CHCH0221	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	06/16/64-08/18/64	0	60	
CHCH0226	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	01/23/73-12/05/73	0	24	
CHCH0231	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	06/15/64-08/17/64	0	10	
CHCH0251	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	01/23/73-12/04/73	0	13	
CHCH0252	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	02/26/73-02/26/73	0	1	
CHCH0270	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	06/16/64-08/11/64	0	9	
CHCH0286	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	01/23/73-12/04/73	0	66	
CHCH0287	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	08/01/72-01/01/85	12	141	
CHCH0297	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	06/16/64-08/18/64	0	20	
CHCH0301	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	06/17/64-08/19/64	0	87	
CHCH0310	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	01/23/73-12/05/73	0	24	
CHCH0316	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	02/14/77-02/14/77	0	1	
CHCH0329	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	08/01/72-08/29/77	5	52	
CHCH0335	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	01/24/73-12/05/73	0	14	
CHCH0342	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	01/24/73-12/04/73	0	14	
CHCH0347	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	01/23/73-12/05/73	0	13	
CHCH0361	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	06/16/64-08/18/64	0	10	
CHCH0401	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	01/23/73-12/05/73	0	13	
CHCH0406	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	06/17/64-08/19/64	0	87	
CHCH0409	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	01/23/73-08/23/77	4	145	
CHCH0413	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	01/23/73-12/04/73	0	24	
CHCH0416	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	11/29/77-11/29/77	0	1	
CHCH0418	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	06/23/64-06/03/75	10	35	
CHCH0428	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	11/23/60-11/15/62	1	41	
CHCH0433	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	01/23/73-01/24/92	19	75	
CHCH0434	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	08/24/64-09/03/64	0	16	
CHCH0435	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	04/09/90-09/13/90	0	36	
CHCH0445	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	01/23/73-12/05/73	0	46	
CHCH0450	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	05/13/64-08/20/64	0	59	
CHCH0455	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	05/25/65-05/27/65	0	3	
CHCH0457	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	01/24/73-12/07/76	3	30	
CHCH0080	No	00083	COLOR,SPECTROPHTOMETRIC,FIL,WATER SPL ADMI UNITS	11/19/85-11/19/85	0	1	
CHCH0079	No	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	09/07/67-10/11/67	0	2	
CHCH0105	No	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	09/07/67-10/11/67	0	2	
CHCH0163	No	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	09/07/67-09/07/67	0	1	
CHCH0169	No	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	09/07/67-12/04/73	6	15	
CHCH0178	No	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	01/24/73-12/05/73	0	13	
CHCH0180	No	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	09/07/67-10/11/67	0	2	
CHCH0190	No	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	09/07/67-09/07/67	0	1	
CHCH0191	No	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	09/07/67-09/07/67	0	2	
CHCH0195	No	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	09/07/67-10/11/67	0	2	
CHCH0226	No	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	01/23/73-12/05/73	0	24	
CHCH0237	No	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	09/07/67-09/07/67	0	1	
CHCH0251	No	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	01/23/73-12/04/73	0	13	
CHCH0252	No	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	02/26/73-02/26/73	0	1	
CHCH0286	No	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	01/23/73-12/04/73	0	66	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0308	No	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	09/07/67-09/07/67	0	1	
CHCH0310	No	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	09/07/67-12/05/73	6	25	
CHCH0335	No	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	01/24/73-12/05/73	0	14	
CHCH0342	No	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	01/24/73-12/04/73	0	14	
CHCH0347	No	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	01/23/73-12/05/73	0	13	
CHCH0392	No	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	09/07/67-09/07/67	0	1	
CHCH0401	No	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	01/23/73-12/05/73	0	13	
CHCH0409	No	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	01/23/73-08/14/74	1	12	
CHCH0413	No	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	01/23/73-12/04/73	0	24	
CHCH0416	No	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	10/10/74-10/10/74	0	1	
CHCH0433	No	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	07/12/60-12/04/73	13	54	
CHCH0445	No	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	01/23/73-12/05/73	0	46	
CHCH0448	No	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	09/07/67-09/07/67	0	1	
CHCH0457	No	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	01/24/73-12/04/73	0	14	
CHCH0433	No	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	04/17/95-04/17/95	0	11	
CHCH0055	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/27/81-12/14/98	17	47	
CHCH0066	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/31/82-11/30/83	1	12	
CHCH0077	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/31/87-01/07/97	9	8	
CHCH0080	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/31/87-01/07/97	9	7	
CHCH0147	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/10/95-02/23/98	2	6	
CHCH0177	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/09/91-12/15/98	7	42	
CHCH0268	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/18/73-10/30/73	0	9	
CHCH0285	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/18/73-10/30/73	0	10	
CHCH0299	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/09/91-12/15/98	7	44	
CHCH0354	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/09/91-04/07/98	6	15	
CHCH0408	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/23/73-10/29/73	0	10	
CHCH0409	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/86-10/25/88	2	48	
CHCH0411	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/28/92-07/29/92	0	134	
CHCH0414	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/15/91-07/29/92	1	841	
CHCH0420	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/15/91-07/29/92	1	142	
CHCH0427	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/01/87-08/12/93	6	604	
CHCH0433	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/86-09/16/97	11	1349	
CHCH0443	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/24/85-08/11/92	7	58	
CHCH0449	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/01/87-09/19/89	2	541	
CHCH0001	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/03/77-10/03/77	0	1	
CHCH0002	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/17/80-08/29/80	0	4	
CHCH0003	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/27/77-09/27/77	0	1	
CHCH0004	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/28/69-08/29/80	11	16	
CHCH0005	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/25/69-12/01/69	0	11	
CHCH0006	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/07/76-02/14/80	3	3	
CHCH0007	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/31/76-08/31/76	0	1	
CHCH0008	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/25/79-09/02/81	2	9	
CHCH0009	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/17/80-08/29/80	0	4	
CHCH0010	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/24/79-09/01/81	2	9	
CHCH0012	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/12/86-08/15/96	10	14	
CHCH0014	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/28/69-08/29/80	11	16	
CHCH0015	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/28/69-12/03/69	0	12	
CHCH0017	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/25/79-09/01/81	2	9	
CHCH0020	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/25/69-12/04/69	0	11	
CHCH0021	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/26/76-10/20/81	5	12	
CHCH0022	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/28/77-09/28/77	0	1	
CHCH0023	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/25/69-12/01/69	0	11	
CHCH0024	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/17/81-07/17/81	0	1	
CHCH0026	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/25/69-12/04/69	0	11	
CHCH0027	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/17/80-08/29/80	0	4	
CHCH0028	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/25/69-12/04/69	0	11	
CHCH0029	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/25/69-12/04/69	0	11	
CHCH0030	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/25/69-12/04/69	0	11	
CHCH0032	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/23/58-06/25/74	16	3	
CHCH0035	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/07/77-10/07/77	0	1	
CHCH0037	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/26/76-09/01/81	5	11	
CHCH0038	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/27/69-12/03/69	0	12	
CHCH0039	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/27/77-09/27/77	0	1	
CHCH0040	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/28/69-08/29/80	11	16	
CHCH0041	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/25/69-12/04/69	0	11	
CHCH0043	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/26/69-12/02/69	0	11	
CHCH0045	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/27/69-12/03/69	0	10	
CHCH0047	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/26/76-09/01/81	5	11	
CHCH0049	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/27/69-12/04/69	0	12	
CHCH0050	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/27/69-12/03/69	0	12	
CHCH0051	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/27/69-12/04/69	0	12	
CHCH0052	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM 25C)	09/24/77-09/24/77	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0053	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/28/69-08/29/80	11	16	
CHCH0054	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/20/74-07/13/95	20	175	T
CHCH0055	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/73-12/14/98	25	246	T,A,S
CHCH0056	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/15/92-12/15/92	0	1	
CHCH0057	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/01/92-09/01/92	0	1	
CHCH0058	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/27/69-12/03/69	0	12	
CHCH0059	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/05/66-09/01/81	15	34	
CHCH0060	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/27/69-12/03/69	0	12	
CHCH0061	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/10/80-09/10/80	0	1	
CHCH0062	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/27/73-03/07/73	0	7	
CHCH0063	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/28/69-12/03/69	0	12	
CHCH0064	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/25/69-12/04/69	0	11	
CHCH0065	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/20/74-02/22/94	19	122	T
CHCH0066	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/18/73-02/22/94	20	92	
CHCH0068	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/27/69-12/04/69	0	12	
CHCH0071	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/27/73-03/07/73	0	7	
CHCH0072	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/30/80-08/29/80	0	3	
CHCH0076	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/27/69-12/03/69	0	12	
CHCH0077	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/06/82-01/07/97	14	143	
CHCH0080	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/16/83-01/07/97	13	144	
CHCH0081	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/27/73-03/07/73	0	7	
CHCH0083	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/27/69-12/03/69	0	12	
CHCH0085	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/10/80-09/10/80	0	1	
CHCH0087	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/27/73-03/07/73	0	7	
CHCH0088	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/01/95-07/13/95	0	5	
CHCH0090	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/10/80-09/10/80	0	1	
CHCH0093	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/27/69-12/04/69	0	12	
CHCH0102	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/27/73-03/07/73	0	7	
CHCH0103	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/15/92-12/15/92	0	1	
CHCH0105	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/27/69-12/03/69	0	12	
CHCH0106	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/27/73-03/07/73	0	7	
CHCH0107	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/10/80-09/10/80	0	1	
CHCH0111	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/10/80-09/10/80	0	1	
CHCH0112	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/02/78-10/02/78	0	1	
CHCH0113	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/27/73-03/07/73	0	8	
CHCH0122	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/10/80-09/10/80	0	1	
CHCH0126	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/26/69-12/02/69	0	11	
CHCH0130	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/27/69-12/04/69	0	12	
CHCH0137	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/10/80-09/10/80	0	1	
CHCH0138	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/27/73-03/07/73	0	7	
CHCH0141	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/21/78-09/21/78	0	1	
CHCH0144	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/27/73-03/07/73	0	7	
CHCH0149	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/03/58-01/08/92	33	67	S
CHCH0150	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/23/75-09/14/76	0	13	
CHCH0151	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/26/69-12/07/76	7	14	
CHCH0153	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/16/92-12/16/92	0	1	
CHCH0155	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/16/92-12/16/92	0	1	
CHCH0156	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/10/80-09/10/80	0	1	
CHCH0159	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/21/92-04/15/93	0	21	
CHCH0161	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/19/78-09/19/78	0	1	
CHCH0162	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/27/73-03/07/73	0	7	
CHCH0163	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/10/80-09/10/80	0	2	
CHCH0166	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/14/92-12/14/92	0	1	
CHCH0167	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/16/92-12/16/92	0	1	
CHCH0169	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/27/69-09/10/80	11	27	
CHCH0170	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/27/73-03/07/73	0	7	
CHCH0172	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/17/92-12/17/92	0	1	
CHCH0177	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/18/82-11/14/94	12	120	
CHCH0178	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/24/73-12/05/73	0	13	
CHCH0185	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/27/73-03/07/73	0	7	
CHCH0186	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/27/73-03/07/73	0	7	
CHCH0188	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/10/80-09/10/80	0	1	
CHCH0189	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/10/80-09/10/80	0	1	
CHCH0190	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/07/67-11/07/73	6	3	
CHCH0191	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/07/67-09/07/67	0	2	
CHCH0192	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/27/73-03/07/73	0	7	
CHCH0194	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/27/73-03/07/73	0	7	
CHCH0196	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/27/73-03/07/73	0	7	
CHCH0203	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/19/78-09/19/78	0	1	
CHCH0208	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/30/76-09/20/79	3	31	
CHCH0213	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/27/73-03/07/73	0	7	
CHCH0215	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM 25C)	08/24/78-08/24/78	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0225	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/17/79-09/20/79	0	9	
CHCH0226	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/23/73-12/05/73	0	24	
CHCH0233	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/26/69-12/02/69	0	11	
CHCH0237	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/07/67-09/07/67	0	1	
CHCH0239	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/26/69-12/02/69	0	11	
CHCH0244	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/02/78-10/02/78	0	1	
CHCH0245	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/27/92-03/31/93	0	21	
CHCH0251	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/23/73-12/04/73	0	13	
CHCH0252	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/26/73-02/26/73	0	1	
CHCH0264	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/26/69-12/02/69	0	11	
CHCH0266	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/28/72-01/03/73	0	45	
CHCH0267	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/28/72-01/03/73	0	45	
CHCH0268	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/23/73-10/30/73	0	14	
CHCH0273	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/27/68-05/08/68	0	2	
CHCH0276	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/30/92-04/05/93	0	21	
CHCH0277	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/24/78-08/24/78	0	1	
CHCH0280	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/02/74-09/26/74	0	33	
CHCH0284	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/02/74-09/26/74	0	30	
CHCH0285	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/23/73-10/30/73	0	14	
CHCH0286	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/23/73-09/20/79	6	95	
CHCH0287	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/01/74-05/01/81	6	59	
CHCH0289	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/02/74-09/26/74	0	33	
CHCH0296	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/26/69-12/02/69	0	11	
CHCH0299	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/30/77-12/09/92	15	173	A
CHCH0308	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/07/67-09/07/67	0	1	
CHCH0310	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/07/67-12/05/73	6	25	
CHCH0317	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/17/79-09/20/79	0	20	
CHCH0326	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/03/92-03/02/93	0	19	
CHCH0329	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/12/73-03/12/73	0	1	
CHCH0335	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/24/73-09/20/79	6	69	
CHCH0342	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/26/69-12/04/73	4	25	
CHCH0347	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/23/73-12/05/73	0	13	
CHCH0348	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/10/67-02/14/97	29	10	
CHCH0354	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/30/77-10/14/92	14	90	
CHCH0383	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/02/74-09/26/74	0	33	
CHCH0385	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/02/74-09/26/74	0	34	
CHCH0389	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/02/74-09/26/74	0	34	
CHCH0392	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/07/67-09/07/67	0	1	
CHCH0401	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/23/73-12/05/73	0	13	
CHCH0402	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/24/78-08/24/78	0	1	
CHCH0407	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/02/74-09/26/74	0	36	
CHCH0408	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/23/73-10/29/73	0	16	
CHCH0409	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/23/73-06/19/80	7	21	
CHCH0413	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/23/73-12/04/73	0	24	
CHCH0416	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/21/74-04/17/80	5	44	
CHCH0417	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/02/74-09/26/74	0	36	
CHCH0421	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/02/74-09/26/74	0	34	
CHCH0428	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/23/60-11/15/62	1	41	
CHCH0433	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/60-12/04/73	13	60	
CHCH0439	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/19/78-09/19/78	0	1	
CHCH0443	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/73-09/21/79	6	227	
CHCH0445	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/23/73-12/05/73	0	46	
CHCH0448	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/07/67-09/07/67	0	1	
CHCH0451	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/25/78-08/25/78	0	1	
CHCH0452	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/22/79-08/19/81	2	6	
CHCH0456	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/23/75-09/14/76	0	13	
CHCH0457	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/24/73-12/07/76	3	17	
CHCH0459	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/31/92-03/12/93	0	19	
CHCH0462	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/78-09/20/78	0	1	
CHCH0463	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/24/78-08/24/78	0	1	
CHCH0002	No	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	07/17/80-08/29/80	0	4	
CHCH0004	No	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	07/17/80-08/29/80	0	4	
CHCH0009	No	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	07/17/80-08/29/80	0	4	
CHCH0014	No	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	07/17/80-08/29/80	0	4	
CHCH0024	No	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	07/17/81-07/17/81	0	1	
CHCH0027	Yes	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	07/17/80-08/29/80	0	4	
CHCH0040	No	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	07/17/80-08/29/80	0	4	
CHCH0053	No	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	07/17/80-08/29/80	0	4	
CHCH0061	No	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	09/10/80-09/10/80	0	1	
CHCH0072	No	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	07/30/80-08/29/80	0	3	
CHCH0085	No	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	09/10/80-09/10/80	0	1	
CHCH0090	No	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	09/10/80-09/10/80	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0107	No	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	09/10/80-09/10/80	0	1	
CHCH0111	No	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	09/10/80-09/10/80	0	1	
CHCH0122	No	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	09/10/80-09/10/80	0	1	
CHCH0137	No	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	09/10/80-09/10/80	0	2	
CHCH0151	No	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	11/10/80-11/10/80	0	1	
CHCH0156	No	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	09/10/80-09/12/80	0	2	
CHCH0163	No	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	09/10/80-09/12/80	0	3	
CHCH0169	No	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	09/10/80-09/12/80	0	3	
CHCH0176	No	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	05/27/86-06/21/86	0	11	
CHCH0188	No	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	09/10/80-09/10/80	0	1	
CHCH0189	No	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	09/10/80-09/10/80	0	1	
CHCH0208	No	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	08/17/79-09/20/79	0	23	
CHCH0225	No	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	08/17/79-09/20/79	0	9	
CHCH0286	No	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	04/27/79-09/20/79	0	28	
CHCH0290	No	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	05/27/86-07/19/86	0	21	
CHCH0315	No	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	03/04/77-04/28/77	0	31	
CHCH0317	No	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	08/17/79-09/20/79	0	20	
CHCH0335	No	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	04/27/79-09/20/79	0	55	
CHCH0398	No	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	05/27/86-06/18/86	0	10	
CHCH0409	No	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	05/27/86-09/25/86	0	21	
CHCH0412	No	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	05/27/86-06/18/86	0	10	
CHCH0427	No	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	04/01/87-09/29/87	0	190	
CHCH0433	No	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	05/27/86-09/25/86	0	319	
CHCH0440	No	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	05/27/86-07/19/86	0	21	
CHCH0443	No	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	02/14/78-08/27/86	8	104	
CHCH0444	No	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	05/27/86-06/18/86	0	10	
CHCH0449	No	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	04/01/87-09/29/87	0	183	
CHCH0329	No	00100	TIME OF TRAVEL (HOURS)	01/09/74-01/09/74	0	1	
CHCH0056	Yes	00154	SULFATE (AS S) WHOLE WATER, MG/L	12/15/92-12/15/92	0	1	
CHCH0057	Yes	00154	SULFATE (AS S) WHOLE WATER, MG/L	09/01/92-09/01/92	0	1	
CHCH0103	Yes	00154	SULFATE (AS S) WHOLE WATER, MG/L	12/15/92-12/15/92	0	1	
CHCH0153	Yes	00154	SULFATE (AS S) WHOLE WATER, MG/L	12/16/92-12/16/92	0	1	
CHCH0155	Yes	00154	SULFATE (AS S) WHOLE WATER, MG/L	12/16/92-12/16/92	0	1	
CHCH0166	No	00154	SULFATE (AS S) WHOLE WATER, MG/L	12/14/92-12/14/92	0	1	
CHCH0167	Yes	00154	SULFATE (AS S) WHOLE WATER, MG/L	12/16/92-12/16/92	0	1	
CHCH0172	No	00154	SULFATE (AS S) WHOLE WATER, MG/L	12/17/92-12/17/92	0	1	
CHCH0057	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/01/92-09/01/92	0	1	
CHCH0002	No	00300	OXYGEN, DISSOLVED MG/L	07/17/80-08/29/80	0	4	
CHCH0004	No	00300	OXYGEN, DISSOLVED MG/L	09/06/67-08/29/80	12	18	
CHCH0005	No	00300	OXYGEN, DISSOLVED MG/L	02/25/69-12/01/69	0	11	
CHCH0006	No	00300	OXYGEN, DISSOLVED MG/L	09/07/76-04/21/77	0	2	
CHCH0008	No	00300	OXYGEN, DISSOLVED MG/L	04/25/79-09/02/81	2	9	
CHCH0009	No	00300	OXYGEN, DISSOLVED MG/L	10/13/67-08/29/80	12	8	
CHCH0010	No	00300	OXYGEN, DISSOLVED MG/L	04/24/79-09/01/81	2	9	
CHCH0014	No	00300	OXYGEN, DISSOLVED MG/L	10/13/67-08/29/80	12	20	
CHCH0015	No	00300	OXYGEN, DISSOLVED MG/L	01/28/69-12/03/69	0	12	
CHCH0016	No	00300	OXYGEN, DISSOLVED MG/L	09/06/67-12/01/69	2	14	
CHCH0017	No	00300	OXYGEN, DISSOLVED MG/L	04/25/79-09/01/81	2	9	
CHCH0018	No	00300	OXYGEN, DISSOLVED MG/L	10/17/72-10/17/72	0	3	
CHCH0019	Yes	00300	OXYGEN, DISSOLVED MG/L	10/17/72-10/17/72	0	3	
CHCH0020	No	00300	OXYGEN, DISSOLVED MG/L	02/25/69-12/04/69	0	11	
CHCH0021	No	00300	OXYGEN, DISSOLVED MG/L	08/26/76-10/20/81	5	12	
CHCH0023	No	00300	OXYGEN, DISSOLVED MG/L	02/25/69-12/01/69	0	11	
CHCH0024	No	00300	OXYGEN, DISSOLVED MG/L	07/17/81-07/17/81	0	1	
CHCH0026	No	00300	OXYGEN, DISSOLVED MG/L	02/25/69-12/04/69	0	11	
CHCH0027	Yes	00300	OXYGEN, DISSOLVED MG/L	10/13/67-08/29/80	12	20	
CHCH0028	No	00300	OXYGEN, DISSOLVED MG/L	09/06/67-12/04/69	2	13	
CHCH0029	No	00300	OXYGEN, DISSOLVED MG/L	02/25/69-12/04/69	0	11	
CHCH0030	No	00300	OXYGEN, DISSOLVED MG/L	09/06/67-12/04/69	2	13	
CHCH0031	No	00300	OXYGEN, DISSOLVED MG/L	02/25/69-12/04/69	0	11	
CHCH0032	No	00300	OXYGEN, DISSOLVED MG/L	06/25/74-06/25/74	0	1	
CHCH0033	No	00300	OXYGEN, DISSOLVED MG/L	02/25/69-12/04/69	0	11	
CHCH0037	No	00300	OXYGEN, DISSOLVED MG/L	08/26/76-09/01/81	5	11	
CHCH0038	No	00300	OXYGEN, DISSOLVED MG/L	01/27/69-12/03/69	0	12	
CHCH0040	No	00300	OXYGEN, DISSOLVED MG/L	09/06/67-08/29/80	12	19	
CHCH0041	No	00300	OXYGEN, DISSOLVED MG/L	02/25/69-12/04/69	0	11	
CHCH0043	No	00300	OXYGEN, DISSOLVED MG/L	02/26/69-12/02/69	0	11	
CHCH0045	No	00300	OXYGEN, DISSOLVED MG/L	09/07/67-12/03/69	2	12	
CHCH0046	No	00300	OXYGEN, DISSOLVED MG/L	09/07/67-10/11/67	0	2	
CHCH0047	No	00300	OXYGEN, DISSOLVED MG/L	08/26/76-09/01/81	5	11	
CHCH0048	No	00300	OXYGEN, DISSOLVED MG/L	01/27/69-12/03/69	0	11	
CHCH0049	No	00300	OXYGEN, DISSOLVED MG/L	01/27/69-12/04/69	0	12	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0050	No	00300	OXYGEN, DISSOLVED MG/L	09/07/67-12/03/69	2	14	
CHCH0051	No	00300	OXYGEN, DISSOLVED MG/L	09/06/67-12/04/69	2	14	
CHCH0053	No	00300	OXYGEN, DISSOLVED MG/L	09/06/67-08/29/80	12	19	
CHCH0054	No	00300	OXYGEN, DISSOLVED MG/L	08/20/74-07/13/95	20	192	T
CHCH0055	No	00300	OXYGEN, DISSOLVED MG/L	07/12/73-12/14/98	25	131	T,S
CHCH0058	No	00300	OXYGEN, DISSOLVED MG/L	09/07/67-12/03/69	2	14	
CHCH0059	No	00300	OXYGEN, DISSOLVED MG/L	06/26/74-09/01/81	7	27	
CHCH0060	No	00300	OXYGEN, DISSOLVED MG/L	01/27/69-12/03/69	0	12	
CHCH0061	No	00300	OXYGEN, DISSOLVED MG/L	09/10/80-09/10/80	0	1	
CHCH0062	No	00300	OXYGEN, DISSOLVED MG/L	02/27/73-03/07/73	0	7	
CHCH0063	No	00300	OXYGEN, DISSOLVED MG/L	01/28/69-12/03/69	0	12	
CHCH0064	No	00300	OXYGEN, DISSOLVED MG/L	09/06/67-12/04/69	2	13	
CHCH0065	No	00300	OXYGEN, DISSOLVED MG/L	08/20/74-02/22/94	19	131	T
CHCH0066	No	00300	OXYGEN, DISSOLVED MG/L	07/18/73-07/28/87	14	13	
CHCH0068	No	00300	OXYGEN, DISSOLVED MG/L	01/27/69-12/04/69	0	12	
CHCH0070	No	00300	OXYGEN, DISSOLVED MG/L	09/07/67-10/11/67	0	3	
CHCH0071	No	00300	OXYGEN, DISSOLVED MG/L	02/27/73-03/07/73	0	7	
CHCH0072	No	00300	OXYGEN, DISSOLVED MG/L	07/30/80-08/29/80	0	3	
CHCH0075	No	00300	OXYGEN, DISSOLVED MG/L	06/09/64-06/03/65	0	14	
CHCH0076	No	00300	OXYGEN, DISSOLVED MG/L	09/07/67-12/03/69	2	14	
CHCH0077	No	00300	OXYGEN, DISSOLVED MG/L	10/06/82-01/07/97	14	134	
CHCH0079	No	00300	OXYGEN, DISSOLVED MG/L	09/07/67-12/03/69	2	14	
CHCH0080	No	00300	OXYGEN, DISSOLVED MG/L	12/15/83-01/07/97	13	142	
CHCH0081	No	00300	OXYGEN, DISSOLVED MG/L	02/27/73-03/05/73	0	2	
CHCH0082	No	00300	OXYGEN, DISSOLVED MG/L	07/14/82-07/15/82	0	2	
CHCH0083	No	00300	OXYGEN, DISSOLVED MG/L	09/07/67-12/03/69	2	14	
CHCH0084	No	00300	OXYGEN, DISSOLVED MG/L	06/02/64-08/17/64	0	17	
CHCH0085	No	00300	OXYGEN, DISSOLVED MG/L	09/10/80-09/10/80	0	1	
CHCH0087	No	00300	OXYGEN, DISSOLVED MG/L	02/27/73-03/07/73	0	7	
CHCH0088	No	00300	OXYGEN, DISSOLVED MG/L	11/22/94-07/13/95	0	8	
CHCH0090	No	00300	OXYGEN, DISSOLVED MG/L	09/10/80-09/10/80	0	1	
CHCH0092	No	00300	OXYGEN, DISSOLVED MG/L	07/14/82-07/15/82	0	2	
CHCH0093	No	00300	OXYGEN, DISSOLVED MG/L	01/27/69-12/04/69	0	12	
CHCH0099	No	00300	OXYGEN, DISSOLVED MG/L	05/02/60-05/04/60	0	3	
CHCH0101	No	00300	OXYGEN, DISSOLVED MG/L	06/02/64-06/11/64	0	8	
CHCH0102	No	00300	OXYGEN, DISSOLVED MG/L	02/27/73-03/07/73	0	7	
CHCH0104	No	00300	OXYGEN, DISSOLVED MG/L	07/15/82-07/15/82	0	1	
CHCH0105	No	00300	OXYGEN, DISSOLVED MG/L	09/07/67-12/03/69	2	14	
CHCH0106	No	00300	OXYGEN, DISSOLVED MG/L	02/27/73-03/07/73	0	7	
CHCH0107	No	00300	OXYGEN, DISSOLVED MG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	00300	OXYGEN, DISSOLVED MG/L	09/10/80-09/10/80	0	1	
CHCH0113	No	00300	OXYGEN, DISSOLVED MG/L	02/27/73-02/28/73	0	2	
CHCH0114	No	00300	OXYGEN, DISSOLVED MG/L	05/03/60-08/17/64	4	13	
CHCH0121	No	00300	OXYGEN, DISSOLVED MG/L	07/14/82-07/15/82	0	2	
CHCH0122	No	00300	OXYGEN, DISSOLVED MG/L	09/10/80-09/10/80	0	1	
CHCH0125	No	00300	OXYGEN, DISSOLVED MG/L	07/14/82-07/15/82	0	2	
CHCH0126	No	00300	OXYGEN, DISSOLVED MG/L	02/26/69-12/02/69	0	11	
CHCH0127	No	00300	OXYGEN, DISSOLVED MG/L	07/14/82-07/15/82	0	2	
CHCH0129	No	00300	OXYGEN, DISSOLVED MG/L	09/06/67-10/13/67	0	2	
CHCH0130	No	00300	OXYGEN, DISSOLVED MG/L	01/27/69-12/04/69	0	12	
CHCH0134	No	00300	OXYGEN, DISSOLVED MG/L	06/02/64-06/11/64	0	4	
CHCH0136	No	00300	OXYGEN, DISSOLVED MG/L	07/14/82-07/15/82	0	2	
CHCH0137	No	00300	OXYGEN, DISSOLVED MG/L	09/10/80-09/10/80	0	1	
CHCH0138	No	00300	OXYGEN, DISSOLVED MG/L	02/27/73-03/07/73	0	7	
CHCH0142	No	00300	OXYGEN, DISSOLVED MG/L	07/14/82-07/15/82	0	2	
CHCH0144	No	00300	OXYGEN, DISSOLVED MG/L	02/27/73-03/07/73	0	7	
CHCH0145	No	00300	OXYGEN, DISSOLVED MG/L	05/25/65-05/27/65	0	3	
CHCH0147	No	00300	OXYGEN, DISSOLVED MG/L	07/10/95-02/23/98	2	5	
CHCH0150	No	00300	OXYGEN, DISSOLVED MG/L	10/23/75-09/14/76	0	13	
CHCH0151	No	00300	OXYGEN, DISSOLVED MG/L	09/06/67-11/10/80	13	23	
CHCH0152	No	00300	OXYGEN, DISSOLVED MG/L	10/15/68-10/17/68	0	3	
CHCH0156	No	00300	OXYGEN, DISSOLVED MG/L	09/10/80-09/10/80	0	1	
CHCH0157	No	00300	OXYGEN, DISSOLVED MG/L	07/14/82-07/15/82	0	2	
CHCH0158	No	00300	OXYGEN, DISSOLVED MG/L	07/14/82-07/15/82	0	2	
CHCH0160	No	00300	OXYGEN, DISSOLVED MG/L	07/14/82-07/15/82	0	2	
CHCH0162	No	00300	OXYGEN, DISSOLVED MG/L	02/27/73-03/07/73	0	7	
CHCH0163	No	00300	OXYGEN, DISSOLVED MG/L	09/07/67-09/10/80	13	3	
CHCH0164	No	00300	OXYGEN, DISSOLVED MG/L	07/14/82-07/15/82	0	2	
CHCH0169	No	00300	OXYGEN, DISSOLVED MG/L	09/07/67-09/10/80	13	29	
CHCH0170	No	00300	OXYGEN, DISSOLVED MG/L	02/27/73-03/07/73	0	7	
CHCH0177	No	00300	OXYGEN, DISSOLVED MG/L	10/18/82-12/15/98	16	163	
CHCH0178	No	00300	OXYGEN, DISSOLVED MG/L	01/24/73-12/05/73	0	19	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0179	No	00300	OXYGEN, DISSOLVED MG/L	05/25/65-05/27/65	0	3	
CHCH0180	No	00300	OXYGEN, DISSOLVED MG/L	09/07/67-12/03/69	2	14	
CHCH0181	No	00300	OXYGEN, DISSOLVED MG/L	06/02/64-05/27/65	0	11	
CHCH0182	No	00300	OXYGEN, DISSOLVED MG/L	09/07/67-10/11/67	0	2	
CHCH0183	No	00300	OXYGEN, DISSOLVED MG/L	09/07/67-10/11/67	0	2	
CHCH0184	No	00300	OXYGEN, DISSOLVED MG/L	07/14/82-07/15/82	0	2	
CHCH0185	No	00300	OXYGEN, DISSOLVED MG/L	02/27/73-03/07/73	0	2	
CHCH0186	No	00300	OXYGEN, DISSOLVED MG/L	02/27/73-03/07/73	0	7	
CHCH0188	No	00300	OXYGEN, DISSOLVED MG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	00300	OXYGEN, DISSOLVED MG/L	09/10/80-09/10/80	0	1	
CHCH0190	No	00300	OXYGEN, DISSOLVED MG/L	09/07/67-12/20/73	6	69	
CHCH0191	No	00300	OXYGEN, DISSOLVED MG/L	09/07/67-09/07/67	0	2	
CHCH0192	No	00300	OXYGEN, DISSOLVED MG/L	02/27/73-03/07/73	0	6	
CHCH0194	No	00300	OXYGEN, DISSOLVED MG/L	02/27/73-03/07/73	0	7	
CHCH0195	No	00300	OXYGEN, DISSOLVED MG/L	09/07/67-10/11/67	0	2	
CHCH0196	No	00300	OXYGEN, DISSOLVED MG/L	02/27/73-03/07/73	0	7	
CHCH0197	No	00300	OXYGEN, DISSOLVED MG/L	06/02/64-06/10/64	0	6	
CHCH0202	No	00300	OXYGEN, DISSOLVED MG/L	06/16/64-08/18/64	0	28	
CHCH0204	No	00300	OXYGEN, DISSOLVED MG/L	10/15/68-10/17/68	0	3	
CHCH0208	No	00300	OXYGEN, DISSOLVED MG/L	06/30/76-09/20/79	3	31	
CHCH0210	No	00300	OXYGEN, DISSOLVED MG/L	06/16/64-07/14/64	0	6	
CHCH0212	No	00300	OXYGEN, DISSOLVED MG/L	10/15/68-10/17/68	0	3	
CHCH0213	No	00300	OXYGEN, DISSOLVED MG/L	02/27/73-02/27/73	0	1	
CHCH0216	No	00300	OXYGEN, DISSOLVED MG/L	09/06/67-09/26/72	5	11	
CHCH0220	No	00300	OXYGEN, DISSOLVED MG/L	06/18/64-08/20/64	0	60	
CHCH0221	No	00300	OXYGEN, DISSOLVED MG/L	06/16/64-08/18/64	0	60	
CHCH0224	No	00300	OXYGEN, DISSOLVED MG/L	11/21/73-12/20/73	0	3	
CHCH0225	No	00300	OXYGEN, DISSOLVED MG/L	08/17/79-09/20/79	0	9	
CHCH0226	No	00300	OXYGEN, DISSOLVED MG/L	01/23/73-12/05/73	0	46	
CHCH0229	No	00300	OXYGEN, DISSOLVED MG/L	09/25/72-09/26/72	0	7	
CHCH0231	No	00300	OXYGEN, DISSOLVED MG/L	06/15/64-08/17/64	0	10	
CHCH0233	No	00300	OXYGEN, DISSOLVED MG/L	09/06/67-09/26/72	5	14	
CHCH0235	No	00300	OXYGEN, DISSOLVED MG/L	06/20/72-06/23/72	0	4	
CHCH0237	No	00300	OXYGEN, DISSOLVED MG/L	09/07/67-09/07/67	0	2	
CHCH0239	No	00300	OXYGEN, DISSOLVED MG/L	09/06/67-09/26/72	5	22	
CHCH0240	No	00300	OXYGEN, DISSOLVED MG/L	10/15/68-10/17/68	0	3	
CHCH0246	No	00300	OXYGEN, DISSOLVED MG/L	05/25/65-05/27/65	0	3	
CHCH0248	No	00300	OXYGEN, DISSOLVED MG/L	11/21/73-12/20/73	0	3	
CHCH0249	No	00300	OXYGEN, DISSOLVED MG/L	06/20/72-06/23/72	0	4	
CHCH0251	No	00300	OXYGEN, DISSOLVED MG/L	01/23/73-12/04/73	0	13	
CHCH0253	No	00300	OXYGEN, DISSOLVED MG/L	09/06/67-10/13/67	0	2	
CHCH0256	No	00300	OXYGEN, DISSOLVED MG/L	10/15/68-10/16/68	0	2	
CHCH0261	No	00300	OXYGEN, DISSOLVED MG/L	06/23/72-06/24/72	0	2	
CHCH0263	No	00300	OXYGEN, DISSOLVED MG/L	06/20/72-06/23/72	0	4	
CHCH0264	No	00300	OXYGEN, DISSOLVED MG/L	02/26/69-12/02/69	0	11	
CHCH0268	No	00300	OXYGEN, DISSOLVED MG/L	05/23/73-10/30/73	0	11	
CHCH0270	No	00300	OXYGEN, DISSOLVED MG/L	06/16/64-08/11/64	0	10	
CHCH0273	No	00300	OXYGEN, DISSOLVED MG/L	03/12/58-05/29/68	10	334	
CHCH0280	No	00300	OXYGEN, DISSOLVED MG/L	08/01/74-09/26/74	0	23	
CHCH0282	No	00300	OXYGEN, DISSOLVED MG/L	09/26/72-09/27/72	0	2	
CHCH0284	No	00300	OXYGEN, DISSOLVED MG/L	08/01/74-09/26/74	0	21	
CHCH0285	No	00300	OXYGEN, DISSOLVED MG/L	05/23/73-10/30/73	0	10	
CHCH0286	No	00300	OXYGEN, DISSOLVED MG/L	05/04/71-09/20/79	8	176	
CHCH0287	No	00300	OXYGEN, DISSOLVED MG/L	08/01/72-06/03/75	2	30	
CHCH0289	No	00300	OXYGEN, DISSOLVED MG/L	08/01/74-09/26/74	0	23	
CHCH0291	No	00300	OXYGEN, DISSOLVED MG/L	01/24/73-12/05/73	0	205	
CHCH0293	No	00300	OXYGEN, DISSOLVED MG/L	06/20/72-06/24/72	0	5	
CHCH0295	No	00300	OXYGEN, DISSOLVED MG/L	11/21/73-12/20/73	0	3	
CHCH0296	No	00300	OXYGEN, DISSOLVED MG/L	02/26/69-12/02/69	0	11	
CHCH0297	No	00300	OXYGEN, DISSOLVED MG/L	06/16/64-08/18/64	0	20	
CHCH0299	No	00300	OXYGEN, DISSOLVED MG/L	11/30/77-12/15/98	21	212	T,A
CHCH0301	No	00300	OXYGEN, DISSOLVED MG/L	06/17/64-08/19/64	0	86	
CHCH0308	No	00300	OXYGEN, DISSOLVED MG/L	09/07/67-09/07/67	0	2	
CHCH0310	No	00300	OXYGEN, DISSOLVED MG/L	01/23/73-12/05/73	0	52	
CHCH0316	No	00300	OXYGEN, DISSOLVED MG/L	05/25/65-02/14/77	11	4	
CHCH0317	No	00300	OXYGEN, DISSOLVED MG/L	08/17/79-09/20/79	0	20	
CHCH0318	No	00300	OXYGEN, DISSOLVED MG/L	09/26/72-09/27/72	0	8	
CHCH0319	No	00300	OXYGEN, DISSOLVED MG/L	10/15/68-10/17/68	0	3	
CHCH0327	No	00300	OXYGEN, DISSOLVED MG/L	05/25/65-05/27/65	0	3	
CHCH0329	No	00300	OXYGEN, DISSOLVED MG/L	08/01/72-08/29/77	5	55	
CHCH0334	No	00300	OXYGEN, DISSOLVED MG/L	09/26/72-09/27/72	0	6	
CHCH0335	No	00300	OXYGEN, DISSOLVED MG/L	01/24/73-09/20/79	6	244	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0339	No	00300	OXYGEN, DISSOLVED MG/L	05/25/65-05/27/65	0	3	
CHCH0341	No	00300	OXYGEN, DISSOLVED MG/L	10/15/68-10/17/68	0	3	
CHCH0342	No	00300	OXYGEN, DISSOLVED MG/L	09/06/67-12/04/73	6	33	
CHCH0347	No	00300	OXYGEN, DISSOLVED MG/L	01/23/73-12/05/73	0	13	
CHCH0348	No	00300	OXYGEN, DISSOLVED MG/L	10/17/96-02/14/97	0	3	
CHCH0354	No	00300	OXYGEN, DISSOLVED MG/L	11/30/77-04/07/98	20	105	T
CHCH0355	No	00300	OXYGEN, DISSOLVED MG/L	10/15/68-10/17/68	0	3	
CHCH0356	No	00300	OXYGEN, DISSOLVED MG/L	10/15/68-10/17/68	0	3	
CHCH0358	No	00300	OXYGEN, DISSOLVED MG/L	06/22/72-06/24/72	0	3	
CHCH0361	No	00300	OXYGEN, DISSOLVED MG/L	06/16/64-08/18/64	0	10	
CHCH0371	No	00300	OXYGEN, DISSOLVED MG/L	09/07/67-04/21/69	1	2	
CHCH0383	No	00300	OXYGEN, DISSOLVED MG/L	08/01/74-09/26/74	0	24	
CHCH0385	No	00300	OXYGEN, DISSOLVED MG/L	08/01/74-09/26/74	0	24	
CHCH0389	No	00300	OXYGEN, DISSOLVED MG/L	08/01/74-09/26/74	0	24	
CHCH0392	No	00300	OXYGEN, DISSOLVED MG/L	09/07/67-09/07/67	0	2	
CHCH0398	No	00300	OXYGEN, DISSOLVED MG/L	07/20/93-07/20/93	0	8	
CHCH0401	No	00300	OXYGEN, DISSOLVED MG/L	01/23/73-12/05/73	0	13	
CHCH0406	No	00300	OXYGEN, DISSOLVED MG/L	06/17/64-08/19/64	0	87	
CHCH0407	No	00300	OXYGEN, DISSOLVED MG/L	08/01/74-09/26/74	0	26	
CHCH0408	No	00300	OXYGEN, DISSOLVED MG/L	05/23/73-10/29/73	0	12	
CHCH0409	No	00300	OXYGEN, DISSOLVED MG/L	10/10/61-09/04/96	34	1288	T,A,S
CHCH0411	No	00300	OXYGEN, DISSOLVED MG/L	07/15/91-07/29/92	1	286	
CHCH0413	No	00300	OXYGEN, DISSOLVED MG/L	01/23/73-12/04/73	0	35	
CHCH0414	No	00300	OXYGEN, DISSOLVED MG/L	07/15/91-07/29/92	1	841	
CHCH0415	No	00300	OXYGEN, DISSOLVED MG/L	07/15/91-07/17/91	0	142	
CHCH0416	No	00300	OXYGEN, DISSOLVED MG/L	10/07/74-04/17/80	5	58	
CHCH0417	No	00300	OXYGEN, DISSOLVED MG/L	08/01/74-09/26/74	0	26	
CHCH0418	No	00300	OXYGEN, DISSOLVED MG/L	06/23/64-06/03/75	10	35	
CHCH0420	No	00300	OXYGEN, DISSOLVED MG/L	07/15/91-07/29/92	1	142	
CHCH0421	No	00300	OXYGEN, DISSOLVED MG/L	08/01/74-09/26/74	0	24	
CHCH0427	No	00300	OXYGEN, DISSOLVED MG/L	04/01/87-08/12/93	6	604	
CHCH0433	No	00300	OXYGEN, DISSOLVED MG/L	07/12/60-09/16/97	37	1532	T,S
CHCH0434	No	00300	OXYGEN, DISSOLVED MG/L	08/24/64-09/03/64	0	16	
CHCH0443	No	00300	OXYGEN, DISSOLVED MG/L	05/03/71-08/11/92	21	464	T
CHCH0445	No	00300	OXYGEN, DISSOLVED MG/L	01/23/73-12/05/73	0	109	
CHCH0448	No	00300	OXYGEN, DISSOLVED MG/L	09/07/67-09/07/67	0	1	
CHCH0449	No	00300	OXYGEN, DISSOLVED MG/L	04/01/87-09/19/89	2	543	
CHCH0450	No	00300	OXYGEN, DISSOLVED MG/L	05/13/64-08/20/64	0	59	
CHCH0452	No	00300	OXYGEN, DISSOLVED MG/L	08/19/81-08/19/81	0	1	
CHCH0455	No	00300	OXYGEN, DISSOLVED MG/L	05/25/65-05/27/65	0	3	
CHCH0456	No	00300	OXYGEN, DISSOLVED MG/L	10/23/75-09/14/76	0	13	
CHCH0457	No	00300	OXYGEN, DISSOLVED MG/L	01/24/73-12/07/76	3	18	
CHCH0054	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/28/81-01/26/83	1	19	
CHCH0055	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	02/23/83-01/24/84	0	12	
CHCH0065	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/24/81-01/26/83	1	12	
CHCH0066	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	05/24/83-01/24/84	0	4	
CHCH0009	No	00303	BOD, 1DAY, 20 DEG C MG/L	10/16/72-10/16/72	0	2	
CHCH0013	No	00303	BOD, 1DAY, 20 DEG C MG/L	10/16/72-10/17/72	0	4	
CHCH0014	No	00303	BOD, 1DAY, 20 DEG C MG/L	10/16/72-10/16/72	0	3	
CHCH0018	No	00303	BOD, 1DAY, 20 DEG C MG/L	10/17/72-10/17/72	0	3	
CHCH0019	Yes	00303	BOD, 1DAY, 20 DEG C MG/L	10/17/72-10/17/72	0	3	
CHCH0027	Yes	00303	BOD, 1DAY, 20 DEG C MG/L	10/18/72-10/18/72	0	3	
CHCH0040	No	00303	BOD, 1DAY, 20 DEG C MG/L	10/18/72-10/18/72	0	1	
CHCH0053	No	00303	BOD, 1DAY, 20 DEG C MG/L	10/18/72-10/18/72	0	1	
CHCH0151	No	00303	BOD, 1DAY, 20 DEG C MG/L	09/25/72-09/26/72	0	6	
CHCH0216	No	00303	BOD, 1DAY, 20 DEG C MG/L	09/25/72-09/26/72	0	9	
CHCH0229	No	00303	BOD, 1DAY, 20 DEG C MG/L	09/25/72-09/26/72	0	7	
CHCH0232	No	00303	BOD, 1DAY, 20 DEG C MG/L	09/25/72-09/26/72	0	3	
CHCH0233	No	00303	BOD, 1DAY, 20 DEG C MG/L	09/26/72-09/26/72	0	1	
CHCH0239	No	00303	BOD, 1DAY, 20 DEG C MG/L	09/25/72-09/26/72	0	9	
CHCH0282	No	00303	BOD, 1DAY, 20 DEG C MG/L	09/25/72-09/27/72	0	3	
CHCH0318	No	00303	BOD, 1DAY, 20 DEG C MG/L	09/26/72-09/27/72	0	6	
CHCH0342	No	00303	BOD, 1DAY, 20 DEG C MG/L	09/26/72-09/27/72	0	6	
CHCH0427	No	00303	BOD, 1DAY, 20 DEG C MG/L	05/13/87-06/28/89	2	12	
CHCH0004	No	00304	BOD, 2 DAY, 20 DEG C MG/L	09/06/67-10/13/67	0	2	
CHCH0009	No	00304	BOD, 2 DAY, 20 DEG C MG/L	10/16/72-10/16/72	0	3	
CHCH0013	No	00304	BOD, 2 DAY, 20 DEG C MG/L	10/16/72-10/17/72	0	4	
CHCH0014	No	00304	BOD, 2 DAY, 20 DEG C MG/L	10/13/67-10/16/72	5	4	
CHCH0016	No	00304	BOD, 2 DAY, 20 DEG C MG/L	09/06/67-10/13/67	0	2	
CHCH0018	No	00304	BOD, 2 DAY, 20 DEG C MG/L	10/17/72-10/17/72	0	3	
CHCH0019	Yes	00304	BOD, 2 DAY, 20 DEG C MG/L	10/17/72-10/17/72	0	3	
CHCH0027	Yes	00304	BOD, 2 DAY, 20 DEG C MG/L	10/13/67-10/18/72	5	4	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0028	No	00304	BOD, 2 DAY, 20 DEG C MG/L	09/06/67-10/13/67	0	2	
CHCH0030	No	00304	BOD, 2 DAY, 20 DEG C MG/L	09/06/67-10/13/67	0	2	
CHCH0040	No	00304	BOD, 2 DAY, 20 DEG C MG/L	09/06/67-10/18/72	5	3	
CHCH0045	No	00304	BOD, 2 DAY, 20 DEG C MG/L	09/07/67-10/11/67	0	2	
CHCH0050	No	00304	BOD, 2 DAY, 20 DEG C MG/L	09/07/67-10/11/67	0	2	
CHCH0051	No	00304	BOD, 2 DAY, 20 DEG C MG/L	09/06/67-01/27/69	1	3	
CHCH0053	No	00304	BOD, 2 DAY, 20 DEG C MG/L	09/06/67-10/18/72	5	3	
CHCH0058	No	00304	BOD, 2 DAY, 20 DEG C MG/L	09/07/67-10/11/67	0	2	
CHCH0064	No	00304	BOD, 2 DAY, 20 DEG C MG/L	09/06/67-10/13/67	0	2	
CHCH0070	No	00304	BOD, 2 DAY, 20 DEG C MG/L	09/28/67-09/28/67	0	1	
CHCH0076	No	00304	BOD, 2 DAY, 20 DEG C MG/L	09/07/67-10/11/67	0	2	
CHCH0079	No	00304	BOD, 2 DAY, 20 DEG C MG/L	09/07/67-10/11/67	0	2	
CHCH0083	No	00304	BOD, 2 DAY, 20 DEG C MG/L	09/07/67-10/11/67	0	2	
CHCH0105	No	00304	BOD, 2 DAY, 20 DEG C MG/L	09/07/67-10/11/67	0	2	
CHCH0129	No	00304	BOD, 2 DAY, 20 DEG C MG/L	09/06/67-10/13/67	0	2	
CHCH0151	No	00304	BOD, 2 DAY, 20 DEG C MG/L	09/06/67-09/26/72	5	8	
CHCH0163	No	00304	BOD, 2 DAY, 20 DEG C MG/L	09/07/67-09/07/67	0	1	
CHCH0169	No	00304	BOD, 2 DAY, 20 DEG C MG/L	09/07/67-10/11/67	0	2	
CHCH0182	No	00304	BOD, 2 DAY, 20 DEG C MG/L	09/07/67-10/11/67	0	2	
CHCH0183	No	00304	BOD, 2 DAY, 20 DEG C MG/L	09/07/67-10/11/67	0	2	
CHCH0195	No	00304	BOD, 2 DAY, 20 DEG C MG/L	09/07/67-10/11/67	0	2	
CHCH0216	No	00304	BOD, 2 DAY, 20 DEG C MG/L	09/06/67-09/26/72	5	11	
CHCH0229	No	00304	BOD, 2 DAY, 20 DEG C MG/L	09/25/72-09/26/72	0	7	
CHCH0232	No	00304	BOD, 2 DAY, 20 DEG C MG/L	09/25/72-09/26/72	0	3	
CHCH0233	No	00304	BOD, 2 DAY, 20 DEG C MG/L	09/06/67-09/26/72	5	3	
CHCH0239	No	00304	BOD, 2 DAY, 20 DEG C MG/L	09/06/67-09/26/72	5	11	
CHCH0253	No	00304	BOD, 2 DAY, 20 DEG C MG/L	09/06/67-10/13/67	0	2	
CHCH0282	No	00304	BOD, 2 DAY, 20 DEG C MG/L	09/25/72-09/27/72	0	3	
CHCH0308	No	00304	BOD, 2 DAY, 20 DEG C MG/L	09/07/67-09/07/67	0	1	
CHCH0318	No	00304	BOD, 2 DAY, 20 DEG C MG/L	09/26/72-09/27/72	0	6	
CHCH0342	No	00304	BOD, 2 DAY, 20 DEG C MG/L	09/06/67-09/27/72	5	8	
CHCH0371	No	00304	BOD, 2 DAY, 20 DEG C MG/L	09/07/67-09/07/67	0	1	
CHCH0427	No	00304	BOD, 2 DAY, 20 DEG C MG/L	07/07/87-09/19/89	2	37	
CHCH0009	No	00305	BOD, 3 DAY, 20 DEG C MG/L	10/16/72-10/16/72	0	3	
CHCH0013	No	00305	BOD, 3 DAY, 20 DEG C MG/L	10/16/72-10/17/72	0	4	
CHCH0014	No	00305	BOD, 3 DAY, 20 DEG C MG/L	10/16/72-10/16/72	0	3	
CHCH0018	No	00305	BOD, 3 DAY, 20 DEG C MG/L	10/17/72-10/17/72	0	3	
CHCH0019	Yes	00305	BOD, 3 DAY, 20 DEG C MG/L	10/17/72-10/17/72	0	3	
CHCH0027	Yes	00305	BOD, 3 DAY, 20 DEG C MG/L	10/18/72-10/18/72	0	3	
CHCH0040	No	00305	BOD, 3 DAY, 20 DEG C MG/L	10/18/72-10/18/72	0	1	
CHCH0053	No	00305	BOD, 3 DAY, 20 DEG C MG/L	10/18/72-10/18/72	0	1	
CHCH0151	No	00305	BOD, 3 DAY, 20 DEG C MG/L	09/25/72-09/26/72	0	6	
CHCH0216	No	00305	BOD, 3 DAY, 20 DEG C MG/L	09/25/72-09/26/72	0	9	
CHCH0229	No	00305	BOD, 3 DAY, 20 DEG C MG/L	09/25/72-09/26/72	0	7	
CHCH0232	No	00305	BOD, 3 DAY, 20 DEG C MG/L	09/25/72-09/26/72	0	3	
CHCH0233	No	00305	BOD, 3 DAY, 20 DEG C MG/L	09/26/72-09/26/72	0	1	
CHCH0239	No	00305	BOD, 3 DAY, 20 DEG C MG/L	09/25/72-09/26/72	0	9	
CHCH0282	No	00305	BOD, 3 DAY, 20 DEG C MG/L	09/25/72-09/27/72	0	3	
CHCH0318	No	00305	BOD, 3 DAY, 20 DEG C MG/L	09/26/72-09/27/72	0	6	
CHCH0342	No	00305	BOD, 3 DAY, 20 DEG C MG/L	09/26/72-09/27/72	0	6	
CHCH0427	No	00305	BOD, 3 DAY, 20 DEG C MG/L	06/10/87-07/27/89	2	6	
CHCH0009	No	00306	BOD, 4 DAY, 20 DEG C MG/L	10/16/72-10/16/72	0	3	
CHCH0013	No	00306	BOD, 4 DAY, 20 DEG C MG/L	10/16/72-10/17/72	0	4	
CHCH0014	No	00306	BOD, 4 DAY, 20 DEG C MG/L	10/16/72-10/16/72	0	3	
CHCH0018	No	00306	BOD, 4 DAY, 20 DEG C MG/L	10/17/72-10/17/72	0	3	
CHCH0019	Yes	00306	BOD, 4 DAY, 20 DEG C MG/L	10/17/72-10/17/72	0	3	
CHCH0027	Yes	00306	BOD, 4 DAY, 20 DEG C MG/L	10/18/72-10/18/72	0	3	
CHCH0040	No	00306	BOD, 4 DAY, 20 DEG C MG/L	10/18/72-10/18/72	0	1	
CHCH0053	No	00306	BOD, 4 DAY, 20 DEG C MG/L	10/18/72-10/18/72	0	1	
CHCH0151	No	00306	BOD, 4 DAY, 20 DEG C MG/L	09/25/72-09/26/72	0	6	
CHCH0216	No	00306	BOD, 4 DAY, 20 DEG C MG/L	09/25/72-09/26/72	0	9	
CHCH0229	No	00306	BOD, 4 DAY, 20 DEG C MG/L	09/25/72-09/26/72	0	7	
CHCH0232	No	00306	BOD, 4 DAY, 20 DEG C MG/L	09/25/72-09/26/72	0	3	
CHCH0233	No	00306	BOD, 4 DAY, 20 DEG C MG/L	09/26/72-09/26/72	0	1	
CHCH0239	No	00306	BOD, 4 DAY, 20 DEG C MG/L	09/25/72-09/26/72	0	9	
CHCH0282	No	00306	BOD, 4 DAY, 20 DEG C MG/L	09/25/72-09/27/72	0	3	
CHCH0318	No	00306	BOD, 4 DAY, 20 DEG C MG/L	09/26/72-09/27/72	0	6	
CHCH0342	No	00306	BOD, 4 DAY, 20 DEG C MG/L	09/26/72-09/27/72	0	6	
CHCH0427	No	00306	BOD, 4 DAY, 20 DEG C MG/L	04/01/87-06/28/89	2	19	
CHCH0002	No	00310	BOD, 5 DAY, 20 DEG C MG/L	07/17/80-08/29/80	0	3	
CHCH0004	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/06/67-08/29/80	12	17	
CHCH0005	No	00310	BOD, 5 DAY, 20 DEG C MG/L	02/25/69-12/01/69	0	11	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0009	No	00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/72-08/29/80	7	6	
CHCH0013	No	00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/72-10/17/72	0	4	
CHCH0014	No	00310	BOD, 5 DAY, 20 DEG C MG/L	10/13/67-08/29/80	12	19	
CHCH0015	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/28/69-12/03/69	0	12	
CHCH0016	No	00310	BOD, 5 DAY, 20 DEG C MG/L	10/13/67-10/13/67	0	1	
CHCH0018	No	00310	BOD, 5 DAY, 20 DEG C MG/L	10/17/72-10/17/72	0	3	
CHCH0019	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	10/17/72-10/17/72	0	3	
CHCH0020	No	00310	BOD, 5 DAY, 20 DEG C MG/L	02/25/69-12/04/69	0	11	
CHCH0023	No	00310	BOD, 5 DAY, 20 DEG C MG/L	02/25/69-12/01/69	0	11	
CHCH0026	No	00310	BOD, 5 DAY, 20 DEG C MG/L	02/25/69-12/04/69	0	11	
CHCH0027	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	10/13/67-08/29/80	12	7	
CHCH0028	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/06/67-12/04/69	2	13	
CHCH0029	No	00310	BOD, 5 DAY, 20 DEG C MG/L	02/25/69-12/04/69	0	11	
CHCH0030	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/06/67-12/04/69	2	13	
CHCH0032	No	00310	BOD, 5 DAY, 20 DEG C MG/L	06/17/71-06/17/71	0	1	
CHCH0038	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/27/69-12/03/69	0	12	
CHCH0040	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/06/67-08/29/80	12	18	
CHCH0041	No	00310	BOD, 5 DAY, 20 DEG C MG/L	02/25/69-12/04/69	0	11	
CHCH0043	No	00310	BOD, 5 DAY, 20 DEG C MG/L	02/26/69-12/02/69	0	11	
CHCH0045	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/07/67-12/03/69	2	12	
CHCH0046	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/07/67-10/11/67	0	2	
CHCH0049	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/27/69-12/04/69	0	12	
CHCH0050	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/07/67-12/03/69	2	14	
CHCH0051	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/06/67-12/04/69	2	14	
CHCH0053	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/06/67-08/29/80	12	18	
CHCH0054	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/20/74-07/13/95	20	192	T
CHCH0055	No	00310	BOD, 5 DAY, 20 DEG C MG/L	07/12/73-12/14/98	25	132	T,S
CHCH0058	No	00310	BOD, 5 DAY, 20 DEG C MG/L	10/11/67-12/03/69	2	13	
CHCH0059	No	00310	BOD, 5 DAY, 20 DEG C MG/L	06/17/71-06/17/71	0	1	
CHCH0060	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/27/69-12/03/69	0	12	
CHCH0062	No	00310	BOD, 5 DAY, 20 DEG C MG/L	02/27/73-03/07/73	0	7	
CHCH0063	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/28/69-12/03/69	0	12	
CHCH0064	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/06/67-12/04/69	2	13	
CHCH0065	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/20/74-02/22/94	19	130	T
CHCH0066	No	00310	BOD, 5 DAY, 20 DEG C MG/L	07/18/73-07/28/87	14	17	
CHCH0068	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/27/69-12/04/69	0	12	
CHCH0069	No	00310	BOD, 5 DAY, 20 DEG C MG/L	03/06/73-03/06/73	0	1	
CHCH0070	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/28/67-09/28/67	0	1	
CHCH0071	No	00310	BOD, 5 DAY, 20 DEG C MG/L	02/27/73-03/07/73	0	7	
CHCH0072	No	00310	BOD, 5 DAY, 20 DEG C MG/L	07/30/80-08/29/80	0	2	
CHCH0073	No	00310	BOD, 5 DAY, 20 DEG C MG/L	03/06/73-03/06/73	0	1	
CHCH0074	No	00310	BOD, 5 DAY, 20 DEG C MG/L	03/05/73-03/07/73	0	3	
CHCH0075	No	00310	BOD, 5 DAY, 20 DEG C MG/L	06/10/64-06/03/65	0	11	
CHCH0076	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/07/67-12/03/69	2	14	
CHCH0077	No	00310	BOD, 5 DAY, 20 DEG C MG/L	10/06/82-01/07/97	14	135	
CHCH0079	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/07/67-10/11/67	0	2	
CHCH0080	No	00310	BOD, 5 DAY, 20 DEG C MG/L	11/16/83-01/07/97	13	142	
CHCH0081	No	00310	BOD, 5 DAY, 20 DEG C MG/L	02/27/73-03/07/73	0	6	
CHCH0082	No	00310	BOD, 5 DAY, 20 DEG C MG/L	07/14/82-07/15/82	0	2	
CHCH0083	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/07/67-12/03/69	2	14	
CHCH0084	No	00310	BOD, 5 DAY, 20 DEG C MG/L	06/02/64-08/17/64	0	16	
CHCH0087	No	00310	BOD, 5 DAY, 20 DEG C MG/L	02/27/73-03/07/73	0	7	
CHCH0088	No	00310	BOD, 5 DAY, 20 DEG C MG/L	11/22/94-07/13/95	0	8	
CHCH0092	No	00310	BOD, 5 DAY, 20 DEG C MG/L	07/14/82-07/15/82	0	2	
CHCH0093	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/27/69-12/04/69	0	12	
CHCH0094	No	00310	BOD, 5 DAY, 20 DEG C MG/L	03/01/73-03/02/73	0	2	
CHCH0099	No	00310	BOD, 5 DAY, 20 DEG C MG/L	05/02/60-05/04/60	0	3	
CHCH0100	No	00310	BOD, 5 DAY, 20 DEG C MG/L	03/05/73-03/07/73	0	3	
CHCH0101	No	00310	BOD, 5 DAY, 20 DEG C MG/L	06/02/64-06/11/64	0	8	
CHCH0102	No	00310	BOD, 5 DAY, 20 DEG C MG/L	02/27/73-03/07/73	0	7	
CHCH0104	No	00310	BOD, 5 DAY, 20 DEG C MG/L	07/14/82-07/15/82	0	2	
CHCH0105	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/07/67-12/03/69	2	14	
CHCH0106	No	00310	BOD, 5 DAY, 20 DEG C MG/L	02/27/73-03/07/73	0	7	
CHCH0108	No	00310	BOD, 5 DAY, 20 DEG C MG/L	02/28/73-03/07/73	0	4	
CHCH0109	No	00310	BOD, 5 DAY, 20 DEG C MG/L	02/28/73-03/02/73	0	3	
CHCH0110	No	00310	BOD, 5 DAY, 20 DEG C MG/L	03/01/73-03/02/73	0	2	
CHCH0113	No	00310	BOD, 5 DAY, 20 DEG C MG/L	02/27/73-03/07/73	0	8	
CHCH0114	No	00310	BOD, 5 DAY, 20 DEG C MG/L	05/03/60-08/17/64	4	13	
CHCH0116	No	00310	BOD, 5 DAY, 20 DEG C MG/L	02/28/73-03/02/73	0	3	
CHCH0117	No	00310	BOD, 5 DAY, 20 DEG C MG/L	02/28/73-03/02/73	0	3	
CHCH0118	No	00310	BOD, 5 DAY, 20 DEG C MG/L	03/01/73-03/02/73	0	2	
CHCH0119	No	00310	BOD, 5 DAY, 20 DEG C MG/L	03/07/73-03/08/73	0	2	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0120	No	00310	BOD, 5 DAY, 20 DEG C MG/L	02/27/73-03/01/73	0	3	
CHCH0121	No	00310	BOD, 5 DAY, 20 DEG C MG/L	07/14/82-07/15/82	0	2	
CHCH0123	No	00310	BOD, 5 DAY, 20 DEG C MG/L	02/27/73-03/01/73	0	3	
CHCH0125	No	00310	BOD, 5 DAY, 20 DEG C MG/L	07/14/82-07/15/82	0	2	
CHCH0126	No	00310	BOD, 5 DAY, 20 DEG C MG/L	02/26/69-12/02/69	0	11	
CHCH0127	No	00310	BOD, 5 DAY, 20 DEG C MG/L	07/14/82-07/15/82	0	2	
CHCH0128	No	00310	BOD, 5 DAY, 20 DEG C MG/L	03/06/73-03/07/73	0	2	
CHCH0129	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/06/67-10/13/67	0	2	
CHCH0130	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/27/69-12/04/69	0	12	
CHCH0131	No	00310	BOD, 5 DAY, 20 DEG C MG/L	03/06/73-03/08/73	0	3	
CHCH0132	No	00310	BOD, 5 DAY, 20 DEG C MG/L	03/06/73-03/08/73	0	3	
CHCH0134	No	00310	BOD, 5 DAY, 20 DEG C MG/L	06/02/64-06/11/64	0	4	
CHCH0136	No	00310	BOD, 5 DAY, 20 DEG C MG/L	07/14/82-07/15/82	0	2	
CHCH0138	No	00310	BOD, 5 DAY, 20 DEG C MG/L	02/27/73-03/07/73	0	7	
CHCH0140	No	00310	BOD, 5 DAY, 20 DEG C MG/L	03/06/73-03/08/73	0	3	
CHCH0142	No	00310	BOD, 5 DAY, 20 DEG C MG/L	07/14/82-07/15/82	0	2	
CHCH0144	No	00310	BOD, 5 DAY, 20 DEG C MG/L	02/27/73-03/07/73	0	7	
CHCH0145	No	00310	BOD, 5 DAY, 20 DEG C MG/L	05/25/65-05/27/65	0	3	
CHCH0146	No	00310	BOD, 5 DAY, 20 DEG C MG/L	02/27/73-03/01/73	0	3	
CHCH0150	No	00310	BOD, 5 DAY, 20 DEG C MG/L	10/23/75-08/12/76	0	13	
CHCH0151	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/06/67-12/07/76	9	24	
CHCH0157	No	00310	BOD, 5 DAY, 20 DEG C MG/L	07/14/82-07/15/82	0	2	
CHCH0158	No	00310	BOD, 5 DAY, 20 DEG C MG/L	07/14/82-07/15/82	0	2	
CHCH0160	No	00310	BOD, 5 DAY, 20 DEG C MG/L	07/14/82-07/15/82	0	2	
CHCH0162	No	00310	BOD, 5 DAY, 20 DEG C MG/L	02/27/73-03/07/73	0	7	
CHCH0163	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/07/67-09/07/67	0	1	
CHCH0164	No	00310	BOD, 5 DAY, 20 DEG C MG/L	07/14/82-07/15/82	0	2	
CHCH0168	No	00310	BOD, 5 DAY, 20 DEG C MG/L	02/27/73-03/01/73	0	3	
CHCH0169	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/07/67-12/04/73	6	27	
CHCH0170	No	00310	BOD, 5 DAY, 20 DEG C MG/L	02/27/73-03/07/73	0	7	
CHCH0177	No	00310	BOD, 5 DAY, 20 DEG C MG/L	10/18/82-12/15/98	16	155	
CHCH0178	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/24/73-12/05/73	0	13	
CHCH0179	No	00310	BOD, 5 DAY, 20 DEG C MG/L	05/25/65-05/27/65	0	3	
CHCH0180	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/07/67-10/11/67	0	2	
CHCH0181	No	00310	BOD, 5 DAY, 20 DEG C MG/L	06/02/64-05/27/65	0	11	
CHCH0182	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/07/67-10/11/67	0	2	
CHCH0183	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/07/67-10/11/67	0	2	
CHCH0184	No	00310	BOD, 5 DAY, 20 DEG C MG/L	07/14/82-07/15/82	0	2	
CHCH0185	No	00310	BOD, 5 DAY, 20 DEG C MG/L	02/27/73-03/07/73	0	7	
CHCH0186	No	00310	BOD, 5 DAY, 20 DEG C MG/L	02/27/73-03/07/73	0	7	
CHCH0190	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/07/67-09/07/67	0	1	
CHCH0191	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/07/67-09/07/67	0	2	
CHCH0192	No	00310	BOD, 5 DAY, 20 DEG C MG/L	02/27/73-03/07/73	0	7	
CHCH0194	No	00310	BOD, 5 DAY, 20 DEG C MG/L	02/27/73-03/07/73	0	7	
CHCH0195	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/07/67-10/11/67	0	2	
CHCH0196	No	00310	BOD, 5 DAY, 20 DEG C MG/L	02/27/73-03/07/73	0	7	
CHCH0197	No	00310	BOD, 5 DAY, 20 DEG C MG/L	06/02/64-06/10/64	0	6	
CHCH0202	No	00310	BOD, 5 DAY, 20 DEG C MG/L	06/16/64-08/18/64	0	29	
CHCH0208	No	00310	BOD, 5 DAY, 20 DEG C MG/L	06/30/76-09/20/79	3	12	
CHCH0210	No	00310	BOD, 5 DAY, 20 DEG C MG/L	06/16/64-07/14/64	0	6	
CHCH0211	No	00310	BOD, 5 DAY, 20 DEG C MG/L	03/07/73-03/08/73	0	2	
CHCH0213	No	00310	BOD, 5 DAY, 20 DEG C MG/L	02/27/73-03/07/73	0	7	
CHCH0214	No	00310	BOD, 5 DAY, 20 DEG C MG/L	03/07/73-03/08/73	0	2	
CHCH0216	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/06/67-09/26/72	5	11	
CHCH0217	No	00310	BOD, 5 DAY, 20 DEG C MG/L	02/27/73-03/01/73	0	3	
CHCH0218	No	00310	BOD, 5 DAY, 20 DEG C MG/L	02/27/73-02/28/73	0	2	
CHCH0219	No	00310	BOD, 5 DAY, 20 DEG C MG/L	02/27/73-03/01/73	0	3	
CHCH0220	No	00310	BOD, 5 DAY, 20 DEG C MG/L	06/18/64-08/20/64	0	60	
CHCH0221	No	00310	BOD, 5 DAY, 20 DEG C MG/L	06/16/64-08/18/64	0	60	
CHCH0222	No	00310	BOD, 5 DAY, 20 DEG C MG/L	06/20/72-06/23/72	0	4	
CHCH0223	No	00310	BOD, 5 DAY, 20 DEG C MG/L	03/07/73-03/08/73	0	2	
CHCH0225	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/17/79-09/20/79	0	2	
CHCH0226	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/23/73-12/05/73	0	24	
CHCH0228	No	00310	BOD, 5 DAY, 20 DEG C MG/L	03/07/73-03/08/73	0	2	
CHCH0229	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/25/72-09/26/72	0	7	
CHCH0231	No	00310	BOD, 5 DAY, 20 DEG C MG/L	06/15/64-08/17/64	0	10	
CHCH0232	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/25/72-09/26/72	0	3	
CHCH0233	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/06/67-09/26/72	5	14	
CHCH0235	No	00310	BOD, 5 DAY, 20 DEG C MG/L	06/21/72-06/24/72	0	4	
CHCH0237	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/07/67-09/07/67	0	1	
CHCH0239	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/06/67-09/26/72	5	22	
CHCH0246	No	00310	BOD, 5 DAY, 20 DEG C MG/L	05/25/65-05/27/65	0	3	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0249	No	00310	BOD, 5 DAY, 20 DEG C MG/L	06/21/72-06/23/72	0	3	
CHCH0250	No	00310	BOD, 5 DAY, 20 DEG C MG/L	02/27/73-03/06/73	0	5	
CHCH0251	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/23/73-12/04/73	0	13	
CHCH0252	No	00310	BOD, 5 DAY, 20 DEG C MG/L	02/26/73-02/26/73	0	1	
CHCH0253	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/06/67-10/13/67	0	2	
CHCH0254	No	00310	BOD, 5 DAY, 20 DEG C MG/L	06/20/72-06/23/72	0	4	
CHCH0259	No	00310	BOD, 5 DAY, 20 DEG C MG/L	03/07/73-03/07/73	0	1	
CHCH0261	No	00310	BOD, 5 DAY, 20 DEG C MG/L	06/23/72-06/24/72	0	2	
CHCH0262	No	00310	BOD, 5 DAY, 20 DEG C MG/L	03/07/73-03/08/73	0	2	
CHCH0263	No	00310	BOD, 5 DAY, 20 DEG C MG/L	06/21/72-06/24/72	0	4	
CHCH0264	No	00310	BOD, 5 DAY, 20 DEG C MG/L	02/26/69-12/02/69	0	11	
CHCH0266	No	00310	BOD, 5 DAY, 20 DEG C MG/L	11/28/72-01/03/73	0	45	
CHCH0267	No	00310	BOD, 5 DAY, 20 DEG C MG/L	11/28/72-01/03/73	0	45	
CHCH0270	No	00310	BOD, 5 DAY, 20 DEG C MG/L	06/16/64-08/11/64	0	10	
CHCH0273	No	00310	BOD, 5 DAY, 20 DEG C MG/L	03/12/58-05/29/68	10	333	
CHCH0280	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/01/74-09/26/74	0	23	
CHCH0282	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/25/72-09/27/72	0	3	
CHCH0284	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/01/74-09/26/74	0	21	
CHCH0286	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/23/73-09/20/79	6	72	
CHCH0287	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/01/72-06/03/75	2	30	
CHCH0289	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/01/74-09/26/74	0	23	
CHCH0292	No	00310	BOD, 5 DAY, 20 DEG C MG/L	06/21/72-06/24/72	0	4	
CHCH0293	No	00310	BOD, 5 DAY, 20 DEG C MG/L	06/21/72-06/24/72	0	4	
CHCH0296	No	00310	BOD, 5 DAY, 20 DEG C MG/L	02/26/69-12/02/69	0	11	
CHCH0297	No	00310	BOD, 5 DAY, 20 DEG C MG/L	06/16/64-08/18/64	0	20	
CHCH0299	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/08/85-02/11/86	1	2	
CHCH0300	No	00310	BOD, 5 DAY, 20 DEG C MG/L	06/21/72-06/24/72	0	4	
CHCH0301	No	00310	BOD, 5 DAY, 20 DEG C MG/L	06/17/64-08/19/64	0	87	
CHCH0303	No	00310	BOD, 5 DAY, 20 DEG C MG/L	03/06/73-03/08/73	0	3	
CHCH0304	No	00310	BOD, 5 DAY, 20 DEG C MG/L	03/06/73-03/08/73	0	3	
CHCH0305	No	00310	BOD, 5 DAY, 20 DEG C MG/L	03/06/73-03/08/73	0	4	
CHCH0306	No	00310	BOD, 5 DAY, 20 DEG C MG/L	03/06/73-03/08/73	0	3	
CHCH0308	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/07/67-09/07/67	0	1	
CHCH0310	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/07/67-12/05/73	6	25	
CHCH0311	No	00310	BOD, 5 DAY, 20 DEG C MG/L	06/23/72-06/24/72	0	2	
CHCH0312	No	00310	BOD, 5 DAY, 20 DEG C MG/L	06/21/72-06/24/72	0	4	
CHCH0316	No	00310	BOD, 5 DAY, 20 DEG C MG/L	05/25/65-02/14/77	11	4	
CHCH0317	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/17/79-09/20/79	0	4	
CHCH0318	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/26/72-09/27/72	0	6	
CHCH0322	No	00310	BOD, 5 DAY, 20 DEG C MG/L	06/24/72-06/24/72	0	1	
CHCH0327	No	00310	BOD, 5 DAY, 20 DEG C MG/L	05/25/65-05/27/65	0	3	
CHCH0329	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/01/72-08/29/77	5	55	
CHCH0330	No	00310	BOD, 5 DAY, 20 DEG C MG/L	06/20/72-06/22/72	0	3	
CHCH0331	No	00310	BOD, 5 DAY, 20 DEG C MG/L	06/24/72-06/24/72	0	1	
CHCH0335	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/24/73-09/20/79	6	22	
CHCH0339	No	00310	BOD, 5 DAY, 20 DEG C MG/L	05/25/65-05/27/65	0	3	
CHCH0342	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/06/67-12/04/73	6	33	
CHCH0343	No	00310	BOD, 5 DAY, 20 DEG C MG/L	06/21/72-06/24/72	0	4	
CHCH0346	No	00310	BOD, 5 DAY, 20 DEG C MG/L	06/23/72-06/23/72	0	1	
CHCH0347	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/23/73-12/05/73	0	13	
CHCH0354	No	00310	BOD, 5 DAY, 20 DEG C MG/L	10/11/83-01/19/88	4	4	
CHCH0358	No	00310	BOD, 5 DAY, 20 DEG C MG/L	06/23/72-06/24/72	0	2	
CHCH0361	No	00310	BOD, 5 DAY, 20 DEG C MG/L	06/16/64-08/18/64	0	10	
CHCH0362	No	00310	BOD, 5 DAY, 20 DEG C MG/L	06/20/72-06/23/72	0	4	
CHCH0363	No	00310	BOD, 5 DAY, 20 DEG C MG/L	06/21/72-06/24/72	0	4	
CHCH0365	No	00310	BOD, 5 DAY, 20 DEG C MG/L	06/21/72-06/23/72	0	3	
CHCH0368	No	00310	BOD, 5 DAY, 20 DEG C MG/L	06/20/72-06/23/72	0	4	
CHCH0369	No	00310	BOD, 5 DAY, 20 DEG C MG/L	06/21/72-06/24/72	0	4	
CHCH0371	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/07/67-09/07/67	0	1	
CHCH0378	No	00310	BOD, 5 DAY, 20 DEG C MG/L	06/21/72-06/24/72	0	4	
CHCH0383	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/01/74-09/26/74	0	24	
CHCH0385	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/01/74-09/26/74	0	24	
CHCH0389	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/01/74-09/26/74	0	24	
CHCH0390	No	00310	BOD, 5 DAY, 20 DEG C MG/L	03/08/73-03/08/73	0	1	
CHCH0392	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/07/67-09/07/67	0	1	
CHCH0401	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/23/73-12/05/73	0	13	
CHCH0406	No	00310	BOD, 5 DAY, 20 DEG C MG/L	06/17/64-08/19/64	0	87	
CHCH0407	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/01/74-09/26/74	0	26	
CHCH0409	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/23/73-06/19/80	7	15	
CHCH0413	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/23/73-12/04/73	0	24	
CHCH0416	No	00310	BOD, 5 DAY, 20 DEG C MG/L	11/13/74-04/17/80	5	28	
CHCH0417	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/01/74-09/26/74	0	26	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0418	No	00310	BOD, 5 DAY, 20 DEG C MG/L	06/23/64-06/03/75	10	35	
CHCH0421	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/01/74-09/26/74	0	24	
CHCH0427	No	00310	BOD, 5 DAY, 20 DEG C MG/L	06/10/87-09/19/89	2	43	
CHCH0429	No	00310	BOD, 5 DAY, 20 DEG C MG/L	06/20/72-06/23/72	0	3	
CHCH0433	No	00310	BOD, 5 DAY, 20 DEG C MG/L	07/12/60-12/04/73	13	60	
CHCH0434	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/24/64-09/03/64	0	16	
CHCH0443	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/21/79-09/21/79	0	4	
CHCH0445	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/23/73-12/05/73	0	46	
CHCH0448	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/07/67-09/07/67	0	1	
CHCH0450	No	00310	BOD, 5 DAY, 20 DEG C MG/L	05/13/64-08/20/64	0	59	
CHCH0455	No	00310	BOD, 5 DAY, 20 DEG C MG/L	05/25/65-05/27/65	0	3	
CHCH0456	No	00310	BOD, 5 DAY, 20 DEG C MG/L	10/23/75-09/14/76	0	13	
CHCH0457	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/24/73-12/07/76	3	20	
CHCH0013	No	00312	BOD, 6 DAY, 20 DEG C MG/L	10/16/72-10/17/72	0	4	
CHCH0014	No	00312	BOD, 6 DAY, 20 DEG C MG/L	10/16/72-10/16/72	0	1	
CHCH0018	No	00312	BOD, 6 DAY, 20 DEG C MG/L	10/17/72-10/17/72	0	1	
CHCH0055	No	00312	BOD, 6 DAY, 20 DEG C MG/L	12/18/84-10/07/91	6	4	
CHCH0066	No	00312	BOD, 6 DAY, 20 DEG C MG/L	05/28/85-05/28/85	0	1	
CHCH0077	No	00312	BOD, 6 DAY, 20 DEG C MG/L	10/07/91-10/07/91	0	1	
CHCH0080	No	00312	BOD, 6 DAY, 20 DEG C MG/L	10/07/91-10/07/91	0	1	
CHCH0216	No	00312	BOD, 6 DAY, 20 DEG C MG/L	09/25/72-09/25/72	0	3	
CHCH0239	No	00312	BOD, 6 DAY, 20 DEG C MG/L	09/25/72-09/25/72	0	3	
CHCH0427	No	00312	BOD, 6 DAY, 20 DEG C MG/L	04/01/87-06/28/89	2	16	
CHCH0013	No	00315	BOD, 7 DAY, 20 DEG C MG/L	10/16/72-10/17/72	0	4	
CHCH0014	No	00315	BOD, 7 DAY, 20 DEG C MG/L	10/16/72-10/16/72	0	1	
CHCH0018	No	00315	BOD, 7 DAY, 20 DEG C MG/L	10/17/72-10/17/72	0	1	
CHCH0216	No	00315	BOD, 7 DAY, 20 DEG C MG/L	09/25/72-09/25/72	0	3	
CHCH0239	No	00315	BOD, 7 DAY, 20 DEG C MG/L	09/25/72-09/25/72	0	3	
CHCH0427	No	00315	BOD, 7 DAY, 20 DEG C MG/L	05/13/87-09/19/89	2	46	
CHCH0013	No	00316	BOD, 8 DAY, 20 DEG C MG/L	10/16/72-10/17/72	0	4	
CHCH0014	No	00316	BOD, 8 DAY, 20 DEG C MG/L	10/16/72-10/16/72	0	1	
CHCH0018	No	00316	BOD, 8 DAY, 20 DEG C MG/L	10/17/72-10/17/72	0	1	
CHCH0216	No	00316	BOD, 8 DAY, 20 DEG C MG/L	09/25/72-09/25/72	0	3	
CHCH0239	No	00316	BOD, 8 DAY, 20 DEG C MG/L	09/25/72-09/25/72	0	3	
CHCH0427	No	00316	BOD, 8 DAY, 20 DEG C MG/L	04/01/87-06/28/89	2	16	
CHCH0013	No	00317	BOD, 9 DAY, 20 DEG C MG/L	10/16/72-10/17/72	0	4	
CHCH0014	No	00317	BOD, 9 DAY, 20 DEG C MG/L	10/16/72-10/16/72	0	1	
CHCH0018	No	00317	BOD, 9 DAY, 20 DEG C MG/L	10/17/72-10/17/72	0	1	
CHCH0216	No	00317	BOD, 9 DAY, 20 DEG C MG/L	09/25/72-09/25/72	0	3	
CHCH0239	No	00317	BOD, 9 DAY, 20 DEG C MG/L	09/25/72-09/25/72	0	3	
CHCH0427	No	00317	BOD, 9 DAY, 20 DEG C MG/L	07/07/87-09/19/89	2	37	
CHCH0013	No	00322	BOD, 10 DAY, 20 DEG C MG/L	10/16/72-10/17/72	0	4	
CHCH0014	No	00322	BOD, 10 DAY, 20 DEG C MG/L	10/16/72-10/16/72	0	1	
CHCH0018	No	00322	BOD, 10 DAY, 20 DEG C MG/L	10/17/72-10/17/72	0	1	
CHCH0216	No	00322	BOD, 10 DAY, 20 DEG C MG/L	09/25/72-09/25/72	0	3	
CHCH0239	No	00322	BOD, 10 DAY, 20 DEG C MG/L	09/25/72-09/25/72	0	3	
CHCH0427	No	00322	BOD, 10 DAY, 20 DEG C MG/L	05/13/87-07/27/89	2	9	
CHCH0013	No	00323	BOD, 15 DAY, 20 DEG C MG/L	10/16/72-10/17/72	0	4	
CHCH0014	No	00323	BOD, 15 DAY, 20 DEG C MG/L	10/16/72-10/16/72	0	1	
CHCH0018	No	00323	BOD, 15 DAY, 20 DEG C MG/L	10/17/72-10/17/72	0	1	
CHCH0216	No	00323	BOD, 15 DAY, 20 DEG C MG/L	09/25/72-09/25/72	0	3	
CHCH0239	No	00323	BOD, 15 DAY, 20 DEG C MG/L	09/25/72-09/25/72	0	3	
CHCH0427	No	00323	BOD, 15 DAY, 20 DEG C MG/L	04/01/87-06/28/89	2	19	
CHCH0177	No	00324	BOD, 20 DAY, 20 DEG C MG/L	06/11/91-06/11/91	0	1	
CHCH0216	No	00324	BOD, 20 DAY, 20 DEG C MG/L	09/25/72-09/25/72	0	3	
CHCH0239	No	00324	BOD, 20 DAY, 20 DEG C MG/L	09/25/72-09/25/72	0	3	
CHCH0427	No	00324	BOD, 20 DAY, 20 DEG C MG/L	04/01/87-09/19/89	2	59	
CHCH0427	No	00327	BOD, 11DAY, 20 DEG C MG/L	04/01/87-06/28/89	2	13	
CHCH0427	No	00328	BOD, 12 DAY, 20 DEG C MG/L	06/10/87-09/19/89	2	43	
CHCH0427	No	00329	BOD, 13 DAY, 20 DEG C MG/L	04/01/87-08/22/89	2	22	
CHCH0427	No	00331	BOD, 16 DAY, 20 DEG C MG/L	05/13/87-09/19/89	2	37	
CHCH0427	No	00332	BOD, 17 DAYS, 20 DEG C MG/L	04/19/89-07/27/89	0	6	
CHCH0427	No	00333	BOD, 18 DAY, 20 DEG C MG/L	04/01/87-06/28/89	2	16	
CHCH0427	No	00334	BOD, 19 DAY, 20 DEG C MG/L	05/13/87-12/08/87	0	6	
CHCH0004	No	00335	COD, .025N K2CR2O7 MG/L	01/28/69-12/01/69	0	12	
CHCH0014	No	00335	COD, .025N K2CR2O7 MG/L	01/28/69-12/01/69	0	12	
CHCH0020	No	00335	COD, .025N K2CR2O7 MG/L	02/25/69-12/04/69	0	11	
CHCH0028	No	00335	COD, .025N K2CR2O7 MG/L	02/25/69-12/04/69	0	11	
CHCH0029	No	00335	COD, .025N K2CR2O7 MG/L	02/25/69-12/04/69	0	11	
CHCH0030	No	00335	COD, .025N K2CR2O7 MG/L	02/25/69-12/04/69	0	11	
CHCH0040	No	00335	COD, .025N K2CR2O7 MG/L	01/28/69-12/01/69	0	12	
CHCH0049	No	00335	COD, .025N K2CR2O7 MG/L	01/27/69-12/04/69	0	12	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0050	No	00335	COD, .025N K2CR2O7 MG/L	01/27/69-12/03/69	0	12	
CHCH0051	No	00335	COD, .025N K2CR2O7 MG/L	01/27/69-12/04/69	0	12	
CHCH0053	No	00335	COD, .025N K2CR2O7 MG/L	01/28/69-12/01/69	0	12	
CHCH0054	No	00335	COD, .025N K2CR2O7 MG/L	07/24/79-01/03/95	15	47	
CHCH0055	No	00335	COD, .025N K2CR2O7 MG/L	12/11/79-08/30/94	14	17	
CHCH0076	No	00335	COD, .025N K2CR2O7 MG/L	01/27/69-12/03/69	0	12	
CHCH0077	No	00335	COD, .025N K2CR2O7 MG/L	08/31/87-08/31/87	0	1	
CHCH0080	No	00335	COD, .025N K2CR2O7 MG/L	10/29/84-08/31/87	2	3	
CHCH0082	No	00335	COD, .025N K2CR2O7 MG/L	07/14/82-07/15/82	0	2	
CHCH0083	No	00335	COD, .025N K2CR2O7 MG/L	01/27/69-12/03/69	0	12	
CHCH0092	No	00335	COD, .025N K2CR2O7 MG/L	07/14/82-07/15/82	0	2	
CHCH0104	No	00335	COD, .025N K2CR2O7 MG/L	07/14/82-07/15/82	0	2	
CHCH0105	No	00335	COD, .025N K2CR2O7 MG/L	01/27/69-12/03/69	0	12	
CHCH0121	No	00335	COD, .025N K2CR2O7 MG/L	07/14/82-07/15/82	0	2	
CHCH0125	No	00335	COD, .025N K2CR2O7 MG/L	07/14/82-07/15/82	0	2	
CHCH0127	No	00335	COD, .025N K2CR2O7 MG/L	07/14/82-07/15/82	0	2	
CHCH0136	No	00335	COD, .025N K2CR2O7 MG/L	07/14/82-07/15/82	0	2	
CHCH0142	No	00335	COD, .025N K2CR2O7 MG/L	07/14/82-07/15/82	0	2	
CHCH0147	No	00335	COD, .025N K2CR2O7 MG/L	02/03/97-02/23/98	1	2	
CHCH0150	No	00335	COD, .025N K2CR2O7 MG/L	10/23/75-09/14/76	0	13	
CHCH0151	No	00335	COD, .025N K2CR2O7 MG/L	05/20/69-11/10/80	11	12	
CHCH0157	No	00335	COD, .025N K2CR2O7 MG/L	07/14/82-07/15/82	0	2	
CHCH0158	No	00335	COD, .025N K2CR2O7 MG/L	07/14/82-07/15/82	0	2	
CHCH0160	No	00335	COD, .025N K2CR2O7 MG/L	07/14/82-07/15/82	0	2	
CHCH0164	No	00335	COD, .025N K2CR2O7 MG/L	07/14/82-07/15/82	0	2	
CHCH0169	No	00335	COD, .025N K2CR2O7 MG/L	01/27/69-12/04/73	4	24	
CHCH0177	No	00335	COD, .025N K2CR2O7 MG/L	10/18/82-12/15/98	16	151	
CHCH0178	No	00335	COD, .025N K2CR2O7 MG/L	01/24/73-12/05/73	0	13	
CHCH0184	No	00335	COD, .025N K2CR2O7 MG/L	07/14/82-07/15/82	0	2	
CHCH0190	No	00335	COD, .025N K2CR2O7 MG/L	09/07/67-09/07/67	0	1	
CHCH0191	No	00335	COD, .025N K2CR2O7 MG/L	09/07/67-09/07/67	0	2	
CHCH0212	No	00335	COD, .025N K2CR2O7 MG/L	10/15/68-10/15/68	0	1	
CHCH0226	No	00335	COD, .025N K2CR2O7 MG/L	01/23/73-12/05/73	0	24	
CHCH0233	No	00335	COD, .025N K2CR2O7 MG/L	05/20/69-12/02/69	0	8	
CHCH0234	No	00335	COD, .025N K2CR2O7 MG/L	10/15/68-10/15/68	0	1	
CHCH0237	No	00335	COD, .025N K2CR2O7 MG/L	09/07/67-09/07/67	0	1	
CHCH0239	No	00335	COD, .025N K2CR2O7 MG/L	05/20/69-12/02/69	0	8	
CHCH0240	No	00335	COD, .025N K2CR2O7 MG/L	10/15/68-10/15/68	0	1	
CHCH0251	No	00335	COD, .025N K2CR2O7 MG/L	01/23/73-12/04/73	0	13	
CHCH0252	No	00335	COD, .025N K2CR2O7 MG/L	02/26/73-02/26/73	0	1	
CHCH0256	No	00335	COD, .025N K2CR2O7 MG/L	10/15/68-10/15/68	0	1	
CHCH0260	No	00335	COD, .025N K2CR2O7 MG/L	10/15/68-10/15/68	0	1	
CHCH0264	No	00335	COD, .025N K2CR2O7 MG/L	05/20/69-12/02/69	0	8	
CHCH0273	No	00335	COD, .025N K2CR2O7 MG/L	03/12/58-05/29/68	10	332	
CHCH0286	No	00335	COD, .025N K2CR2O7 MG/L	01/23/73-12/04/73	0	65	
CHCH0294	No	00335	COD, .025N K2CR2O7 MG/L	10/15/68-10/15/68	0	1	
CHCH0296	No	00335	COD, .025N K2CR2O7 MG/L	05/20/69-12/02/69	0	7	
CHCH0299	No	00335	COD, .025N K2CR2O7 MG/L	01/25/79-12/15/98	19	192	T,A
CHCH0302	No	00335	COD, .025N K2CR2O7 MG/L	10/15/68-10/15/68	0	1	
CHCH0308	No	00335	COD, .025N K2CR2O7 MG/L	09/07/67-09/07/67	0	1	
CHCH0310	No	00335	COD, .025N K2CR2O7 MG/L	09/07/67-12/05/73	6	25	
CHCH0319	No	00335	COD, .025N K2CR2O7 MG/L	10/15/68-10/15/68	0	1	
CHCH0332	No	00335	COD, .025N K2CR2O7 MG/L	10/15/68-10/15/68	0	1	
CHCH0335	No	00335	COD, .025N K2CR2O7 MG/L	01/24/73-12/05/73	0	14	
CHCH0341	No	00335	COD, .025N K2CR2O7 MG/L	10/15/68-10/15/68	0	1	
CHCH0342	No	00335	COD, .025N K2CR2O7 MG/L	01/24/73-12/04/73	0	14	
CHCH0347	No	00335	COD, .025N K2CR2O7 MG/L	01/23/73-12/05/73	0	13	
CHCH0354	No	00335	COD, .025N K2CR2O7 MG/L	01/25/79-04/07/98	19	94	
CHCH0355	No	00335	COD, .025N K2CR2O7 MG/L	10/15/68-10/15/68	0	1	
CHCH0356	No	00335	COD, .025N K2CR2O7 MG/L	10/15/68-10/15/68	0	1	
CHCH0392	No	00335	COD, .025N K2CR2O7 MG/L	09/07/67-09/07/67	0	1	
CHCH0401	No	00335	COD, .025N K2CR2O7 MG/L	01/23/73-12/05/73	0	13	
CHCH0409	No	00335	COD, .025N K2CR2O7 MG/L	01/23/73-09/30/74	1	35	
CHCH0413	No	00335	COD, .025N K2CR2O7 MG/L	01/23/73-12/04/73	0	24	
CHCH0416	No	00335	COD, .025N K2CR2O7 MG/L	10/01/74-02/15/79	4	115	
CHCH0433	No	00335	COD, .025N K2CR2O7 MG/L	01/23/73-12/04/73	0	35	
CHCH0445	No	00335	COD, .025N K2CR2O7 MG/L	01/23/73-12/05/73	0	46	
CHCH0448	No	00335	COD, .025N K2CR2O7 MG/L	09/07/67-09/07/67	0	1	
CHCH0456	No	00335	COD, .025N K2CR2O7 MG/L	10/23/75-09/14/76	0	13	
CHCH0457	No	00335	COD, .025N K2CR2O7 MG/L	01/24/73-12/07/76	3	17	
CHCH0427	No	00337	BOD, 23 DAY, 20 DEG C MG/L	05/13/87-05/13/87	0	3	
CHCH0055	No	00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	11/16/73-07/02/91	17	10	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0077	No	00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	10/06/82-10/06/82	0	1	
CHCH0089	No	00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	03/08/73-03/08/73	0	1	
CHCH0170	No	00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	03/08/73-03/08/73	0	1	
CHCH0199	No	00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	05/24/73-05/24/73	0	1	
CHCH0200	No	00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	05/24/73-05/24/73	0	1	
CHCH0201	No	00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	05/24/73-05/24/73	0	1	
CHCH0287	No	00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	09/10/75-09/10/75	0	1	
CHCH0329	No	00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	09/09/75-09/09/75	0	1	
CHCH0418	No	00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	09/10/75-09/10/75	0	1	
CHCH0433	No	00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	06/18/73-06/18/73	0	1	
CHCH0054	No	00340	COD, .25N K2CR2O7 MG/L	12/11/79-12/11/79	0	1	
CHCH0062	No	00340	COD, .25N K2CR2O7 MG/L	02/27/73-03/02/73	0	2	
CHCH0073	No	00340	COD, .25N K2CR2O7 MG/L	03/06/73-03/06/73	0	1	
CHCH0074	No	00340	COD, .25N K2CR2O7 MG/L	03/05/73-03/07/73	0	3	
CHCH0075	No	00340	COD, .25N K2CR2O7 MG/L	06/09/64-06/11/64	0	4	
CHCH0081	No	00340	COD, .25N K2CR2O7 MG/L	02/27/73-03/06/73	0	2	
CHCH0094	No	00340	COD, .25N K2CR2O7 MG/L	03/01/73-03/02/73	0	2	
CHCH0100	No	00340	COD, .25N K2CR2O7 MG/L	03/05/73-03/07/73	0	3	
CHCH0108	No	00340	COD, .25N K2CR2O7 MG/L	02/28/73-03/07/73	0	4	
CHCH0109	No	00340	COD, .25N K2CR2O7 MG/L	02/28/73-03/02/73	0	3	
CHCH0110	No	00340	COD, .25N K2CR2O7 MG/L	03/01/73-03/02/73	0	2	
CHCH0113	No	00340	COD, .25N K2CR2O7 MG/L	02/27/73-03/02/73	0	2	
CHCH0116	No	00340	COD, .25N K2CR2O7 MG/L	02/28/73-03/02/73	0	3	
CHCH0117	No	00340	COD, .25N K2CR2O7 MG/L	02/28/73-03/02/73	0	3	
CHCH0118	No	00340	COD, .25N K2CR2O7 MG/L	03/01/73-03/02/73	0	2	
CHCH0119	No	00340	COD, .25N K2CR2O7 MG/L	03/06/73-03/08/73	0	3	
CHCH0120	No	00340	COD, .25N K2CR2O7 MG/L	02/27/73-03/01/73	0	3	
CHCH0123	No	00340	COD, .25N K2CR2O7 MG/L	02/27/73-03/01/73	0	3	
CHCH0128	No	00340	COD, .25N K2CR2O7 MG/L	03/06/73-03/08/73	0	3	
CHCH0131	No	00340	COD, .25N K2CR2O7 MG/L	03/06/73-03/08/73	0	3	
CHCH0132	No	00340	COD, .25N K2CR2O7 MG/L	03/06/73-03/08/73	0	3	
CHCH0140	No	00340	COD, .25N K2CR2O7 MG/L	03/06/73-03/08/73	0	3	
CHCH0146	No	00340	COD, .25N K2CR2O7 MG/L	02/27/73-03/01/73	0	3	
CHCH0159	No	00340	COD, .25N K2CR2O7 MG/L	08/21/92-04/15/93	0	3	
CHCH0168	No	00340	COD, .25N K2CR2O7 MG/L	02/27/73-03/01/73	0	3	
CHCH0170	No	00340	COD, .25N K2CR2O7 MG/L	02/27/73-03/02/73	0	2	
CHCH0185	No	00340	COD, .25N K2CR2O7 MG/L	02/27/73-03/02/73	0	2	
CHCH0192	No	00340	COD, .25N K2CR2O7 MG/L	02/27/73-03/02/73	0	2	
CHCH0211	No	00340	COD, .25N K2CR2O7 MG/L	03/07/73-03/08/73	0	2	
CHCH0213	No	00340	COD, .25N K2CR2O7 MG/L	02/27/73-03/02/73	0	2	
CHCH0214	No	00340	COD, .25N K2CR2O7 MG/L	03/07/73-03/08/73	0	2	
CHCH0217	No	00340	COD, .25N K2CR2O7 MG/L	02/27/73-03/01/73	0	3	
CHCH0218	No	00340	COD, .25N K2CR2O7 MG/L	02/27/73-02/28/73	0	2	
CHCH0219	No	00340	COD, .25N K2CR2O7 MG/L	02/27/73-03/01/73	0	3	
CHCH0223	No	00340	COD, .25N K2CR2O7 MG/L	03/07/73-03/08/73	0	2	
CHCH0228	No	00340	COD, .25N K2CR2O7 MG/L	03/07/73-03/08/73	0	2	
CHCH0245	No	00340	COD, .25N K2CR2O7 MG/L	08/27/92-03/31/93	0	3	
CHCH0250	No	00340	COD, .25N K2CR2O7 MG/L	02/27/73-03/06/73	0	5	
CHCH0259	No	00340	COD, .25N K2CR2O7 MG/L	03/07/73-03/07/73	0	1	
CHCH0262	No	00340	COD, .25N K2CR2O7 MG/L	03/07/73-03/08/73	0	2	
CHCH0276	No	00340	COD, .25N K2CR2O7 MG/L	06/30/92-04/05/93	0	3	
CHCH0287	No	00340	COD, .25N K2CR2O7 MG/L	07/09/74-06/03/75	0	12	
CHCH0299	No	00340	COD, .25N K2CR2O7 MG/L	11/30/77-09/19/78	0	11	
CHCH0303	No	00340	COD, .25N K2CR2O7 MG/L	03/06/73-03/08/73	0	3	
CHCH0304	No	00340	COD, .25N K2CR2O7 MG/L	03/06/73-03/08/73	0	3	
CHCH0305	No	00340	COD, .25N K2CR2O7 MG/L	03/06/73-03/08/73	0	4	
CHCH0306	No	00340	COD, .25N K2CR2O7 MG/L	03/06/73-03/08/73	0	3	
CHCH0316	No	00340	COD, .25N K2CR2O7 MG/L	02/14/77-02/14/77	0	1	
CHCH0326	No	00340	COD, .25N K2CR2O7 MG/L	06/03/92-03/02/93	0	3	
CHCH0329	No	00340	COD, .25N K2CR2O7 MG/L	01/09/74-09/29/77	3	39	
CHCH0354	No	00340	COD, .25N K2CR2O7 MG/L	11/30/77-09/19/78	0	11	
CHCH0390	No	00340	COD, .25N K2CR2O7 MG/L	03/08/73-03/08/73	0	1	
CHCH0418	No	00340	COD, .25N K2CR2O7 MG/L	07/09/74-06/03/75	0	11	
CHCH0459	No	00340	COD, .25N K2CR2O7 MG/L	07/31/92-03/12/93	0	3	
CHCH0427	No	00345	BOD, 25 DAY, 20 DEG C MG/L	05/13/87-05/13/87	0	3	
CHCH0427	No	00347	BOD, 27 DAY, 20 DEG C MG/L	05/13/87-05/13/87	0	3	
CHCH0013	No	00350	BOD, 14 DAY, 20 DEG C MG/L	10/16/72-10/17/72	0	4	
CHCH0014	No	00350	BOD, 14 DAY, 20 DEG C MG/L	10/16/72-10/16/72	0	1	
CHCH0018	No	00350	BOD, 14 DAY, 20 DEG C MG/L	10/17/72-10/17/72	0	1	
CHCH0216	No	00350	BOD, 14 DAY, 20 DEG C MG/L	09/25/72-09/25/72	0	3	
CHCH0239	No	00350	BOD, 14 DAY, 20 DEG C MG/L	09/25/72-09/25/72	0	3	
CHCH0427	No	00350	BOD, 14 DAY, 20 DEG C MG/L	06/10/87-09/19/89	2	37	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0329	No	00369	CHLORINE DEMAND, 30 MINUTE (MG/L)	03/12/73-03/12/73	0	1	
CHCH0273	No	00370	CHLORINE DEMAND, 1 HOUR (MG/L)	03/12/58-11/10/65	7	267	
CHCH0212	No	00380	CHLORINE DEMAND, 24 HOUR (MG/L)	10/15/68-10/15/68	0	1	
CHCH0234	No	00380	CHLORINE DEMAND, 24 HOUR (MG/L)	10/15/68-10/15/68	0	1	
CHCH0240	No	00380	CHLORINE DEMAND, 24 HOUR (MG/L)	10/15/68-10/15/68	0	1	
CHCH0256	No	00380	CHLORINE DEMAND, 24 HOUR (MG/L)	10/15/68-10/15/68	0	1	
CHCH0260	No	00380	CHLORINE DEMAND, 24 HOUR (MG/L)	10/15/68-10/15/68	0	1	
CHCH0273	No	00380	CHLORINE DEMAND, 24 HOUR (MG/L)	03/12/58-11/10/65	7	264	
CHCH0294	No	00380	CHLORINE DEMAND, 24 HOUR (MG/L)	10/15/68-10/15/68	0	1	
CHCH0302	No	00380	CHLORINE DEMAND, 24 HOUR (MG/L)	10/15/68-10/15/68	0	1	
CHCH0319	No	00380	CHLORINE DEMAND, 24 HOUR (MG/L)	10/15/68-10/15/68	0	1	
CHCH0332	No	00380	CHLORINE DEMAND, 24 HOUR (MG/L)	10/15/68-10/15/68	0	1	
CHCH0341	No	00380	CHLORINE DEMAND, 24 HOUR (MG/L)	10/15/68-10/15/68	0	1	
CHCH0355	No	00380	CHLORINE DEMAND, 24 HOUR (MG/L)	10/15/68-10/15/68	0	1	
CHCH0356	No	00380	CHLORINE DEMAND, 24 HOUR (MG/L)	10/15/68-10/15/68	0	1	
CHCH0002	No	00400	PH (STANDARD UNITS)	07/17/80-08/29/80	0	4	
CHCH0004	No	00400	PH (STANDARD UNITS)	09/06/67-08/29/80	12	18	
CHCH0005	No	00400	PH (STANDARD UNITS)	02/25/69-12/01/69	0	11	
CHCH0006	No	00400	PH (STANDARD UNITS)	09/07/76-04/21/77	0	2	
CHCH0007	No	00400	PH (STANDARD UNITS)	08/31/76-08/31/76	0	1	
CHCH0008	No	00400	PH (STANDARD UNITS)	04/25/79-04/16/81	1	8	
CHCH0009	No	00400	PH (STANDARD UNITS)	07/17/80-08/29/80	0	4	
CHCH0010	No	00400	PH (STANDARD UNITS)	04/24/79-09/01/81	2	9	
CHCH0014	No	00400	PH (STANDARD UNITS)	10/13/67-08/29/80	12	17	
CHCH0015	No	00400	PH (STANDARD UNITS)	01/28/69-12/03/69	0	12	
CHCH0016	No	00400	PH (STANDARD UNITS)	09/06/67-10/13/67	0	2	
CHCH0017	No	00400	PH (STANDARD UNITS)	04/25/79-09/01/81	2	9	
CHCH0020	No	00400	PH (STANDARD UNITS)	02/25/69-12/04/69	0	11	
CHCH0021	No	00400	PH (STANDARD UNITS)	08/26/76-10/20/81	5	11	
CHCH0023	No	00400	PH (STANDARD UNITS)	02/25/69-12/01/69	0	11	
CHCH0024	No	00400	PH (STANDARD UNITS)	07/17/81-07/17/81	0	1	
CHCH0026	No	00400	PH (STANDARD UNITS)	02/25/69-12/04/69	0	11	
CHCH0027	Yes	00400	PH (STANDARD UNITS)	10/13/67-08/29/80	12	5	
CHCH0028	No	00400	PH (STANDARD UNITS)	09/06/67-12/04/69	2	13	
CHCH0029	No	00400	PH (STANDARD UNITS)	02/25/69-12/04/69	0	11	
CHCH0030	No	00400	PH (STANDARD UNITS)	09/06/67-12/04/69	2	12	
CHCH0032	No	00400	PH (STANDARD UNITS)	05/23/58-06/25/74	16	3	
CHCH0037	No	00400	PH (STANDARD UNITS)	08/26/76-09/01/81	5	11	
CHCH0038	No	00400	PH (STANDARD UNITS)	01/27/69-12/03/69	0	12	
CHCH0040	No	00400	PH (STANDARD UNITS)	09/06/67-08/29/80	12	18	
CHCH0041	No	00400	PH (STANDARD UNITS)	03/17/69-12/04/69	0	10	
CHCH0043	No	00400	PH (STANDARD UNITS)	02/26/69-12/02/69	0	11	
CHCH0045	No	00400	PH (STANDARD UNITS)	09/07/67-12/03/69	2	11	
CHCH0046	No	00400	PH (STANDARD UNITS)	09/07/67-09/07/67	0	1	
CHCH0047	No	00400	PH (STANDARD UNITS)	08/26/76-09/01/81	5	11	
CHCH0049	No	00400	PH (STANDARD UNITS)	01/27/69-12/04/69	0	12	
CHCH0050	No	00400	PH (STANDARD UNITS)	09/07/67-12/03/69	2	13	
CHCH0051	No	00400	PH (STANDARD UNITS)	09/06/67-12/04/69	2	14	
CHCH0053	No	00400	PH (STANDARD UNITS)	09/06/67-08/29/80	12	18	
CHCH0054	No	00400	PH (STANDARD UNITS)	08/20/74-07/13/95	20	189	T
CHCH0055	No	00400	PH (STANDARD UNITS)	10/15/75-12/14/98	23	74	S
CHCH0058	No	00400	PH (STANDARD UNITS)	09/07/67-12/03/69	2	13	
CHCH0059	No	00400	PH (STANDARD UNITS)	08/05/66-09/01/81	15	33	
CHCH0060	No	00400	PH (STANDARD UNITS)	01/27/69-12/03/69	0	12	
CHCH0061	No	00400	PH (STANDARD UNITS)	09/10/80-09/10/80	0	1	
CHCH0062	No	00400	PH (STANDARD UNITS)	02/27/73-03/07/73	0	7	
CHCH0063	No	00400	PH (STANDARD UNITS)	01/28/69-12/03/69	0	12	
CHCH0064	No	00400	PH (STANDARD UNITS)	09/06/67-12/04/69	2	13	
CHCH0065	No	00400	PH (STANDARD UNITS)	08/20/74-02/22/94	19	129	T
CHCH0066	No	00400	PH (STANDARD UNITS)	03/19/75-10/26/93	18	21	
CHCH0068	No	00400	PH (STANDARD UNITS)	01/27/69-12/04/69	0	12	
CHCH0070	No	00400	PH (STANDARD UNITS)	09/28/67-09/28/67	0	1	
CHCH0071	No	00400	PH (STANDARD UNITS)	02/27/73-03/07/73	0	7	
CHCH0072	No	00400	PH (STANDARD UNITS)	07/30/80-08/29/80	0	3	
CHCH0076	No	00400	PH (STANDARD UNITS)	09/07/67-12/03/69	2	13	
CHCH0077	No	00400	PH (STANDARD UNITS)	03/20/86-01/07/97	10	23	
CHCH0079	No	00400	PH (STANDARD UNITS)	09/07/67-09/07/67	0	1	
CHCH0080	No	00400	PH (STANDARD UNITS)	12/16/87-01/07/97	9	27	
CHCH0081	No	00400	PH (STANDARD UNITS)	02/27/73-03/07/73	0	7	
CHCH0082	No	00400	PH (STANDARD UNITS)	07/14/82-07/15/82	0	2	
CHCH0083	No	00400	PH (STANDARD UNITS)	09/07/67-12/03/69	2	13	
CHCH0085	No	00400	PH (STANDARD UNITS)	09/10/80-09/10/80	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0087	No	00400	PH (STANDARD UNITS)	02/27/73-03/07/73	0	7	
CHCH0088	No	00400	PH (STANDARD UNITS)	02/01/95-07/13/95	0	5	
CHCH0090	No	00400	PH (STANDARD UNITS)	09/10/80-09/10/80	0	1	
CHCH0092	No	00400	PH (STANDARD UNITS)	07/14/82-07/15/82	0	2	
CHCH0093	No	00400	PH (STANDARD UNITS)	01/27/69-12/04/69	0	12	
CHCH0094	No	00400	PH (STANDARD UNITS)	03/01/73-03/02/73	0	6	
CHCH0102	No	00400	PH (STANDARD UNITS)	02/27/73-03/07/73	0	7	
CHCH0104	No	00400	PH (STANDARD UNITS)	07/15/82-07/15/82	0	1	
CHCH0105	No	00400	PH (STANDARD UNITS)	09/07/67-12/03/69	2	13	
CHCH0106	No	00400	PH (STANDARD UNITS)	02/27/73-03/07/73	0	7	
CHCH0107	No	00400	PH (STANDARD UNITS)	09/10/80-09/10/80	0	1	
CHCH0108	No	00400	PH (STANDARD UNITS)	03/01/73-03/07/73	0	2	
CHCH0109	No	00400	PH (STANDARD UNITS)	03/01/73-03/01/73	0	3	
CHCH0110	No	00400	PH (STANDARD UNITS)	03/01/73-03/02/73	0	6	
CHCH0111	No	00400	PH (STANDARD UNITS)	09/10/80-09/10/80	0	1	
CHCH0113	No	00400	PH (STANDARD UNITS)	02/27/73-03/07/73	0	7	
CHCH0116	No	00400	PH (STANDARD UNITS)	03/01/73-03/01/73	0	2	
CHCH0117	No	00400	PH (STANDARD UNITS)	03/01/73-03/01/73	0	3	
CHCH0118	No	00400	PH (STANDARD UNITS)	03/01/73-03/02/73	0	6	
CHCH0120	No	00400	PH (STANDARD UNITS)	02/27/73-03/01/73	0	3	
CHCH0121	No	00400	PH (STANDARD UNITS)	07/14/82-07/15/82	0	2	
CHCH0122	No	00400	PH (STANDARD UNITS)	09/10/80-09/10/80	0	1	
CHCH0123	No	00400	PH (STANDARD UNITS)	02/27/73-03/01/73	0	9	
CHCH0125	No	00400	PH (STANDARD UNITS)	07/14/82-07/15/82	0	2	
CHCH0126	No	00400	PH (STANDARD UNITS)	02/26/69-12/02/69	0	11	
CHCH0127	No	00400	PH (STANDARD UNITS)	07/14/82-07/15/82	0	2	
CHCH0129	No	00400	PH (STANDARD UNITS)	09/06/67-10/13/67	0	2	
CHCH0130	No	00400	PH (STANDARD UNITS)	02/27/69-12/04/69	0	11	
CHCH0136	No	00400	PH (STANDARD UNITS)	07/14/82-07/15/82	0	2	
CHCH0137	No	00400	PH (STANDARD UNITS)	09/10/80-09/10/80	0	1	
CHCH0138	No	00400	PH (STANDARD UNITS)	02/27/73-03/07/73	0	6	
CHCH0142	No	00400	PH (STANDARD UNITS)	07/14/82-07/15/82	0	2	
CHCH0144	No	00400	PH (STANDARD UNITS)	02/27/73-03/07/73	0	7	
CHCH0146	No	00400	PH (STANDARD UNITS)	02/28/73-03/02/73	0	3	
CHCH0147	No	00400	PH (STANDARD UNITS)	07/10/95-02/23/98	2	5	
CHCH0149	No	00400	PH (STANDARD UNITS)	03/03/58-05/25/65	7	3	
CHCH0150	No	00400	PH (STANDARD UNITS)	10/23/75-09/14/76	0	13	
CHCH0151	No	00400	PH (STANDARD UNITS)	09/06/67-11/10/80	13	17	
CHCH0152	No	00400	PH (STANDARD UNITS)	10/16/68-10/17/68	0	2	
CHCH0156	No	00400	PH (STANDARD UNITS)	09/10/80-09/10/80	0	1	
CHCH0157	No	00400	PH (STANDARD UNITS)	07/14/82-07/15/82	0	2	
CHCH0158	No	00400	PH (STANDARD UNITS)	07/14/82-07/15/82	0	2	
CHCH0159	No	00400	PH (STANDARD UNITS)	08/21/92-04/15/93	0	3	
CHCH0160	No	00400	PH (STANDARD UNITS)	07/14/82-07/15/82	0	2	
CHCH0162	No	00400	PH (STANDARD UNITS)	02/27/73-03/07/73	0	7	
CHCH0163	No	00400	PH (STANDARD UNITS)	09/07/67-09/10/80	13	3	
CHCH0164	No	00400	PH (STANDARD UNITS)	07/14/82-07/15/82	0	2	
CHCH0168	No	00400	PH (STANDARD UNITS)	03/01/73-03/01/73	0	3	
CHCH0169	No	00400	PH (STANDARD UNITS)	09/07/67-09/10/80	13	28	
CHCH0170	No	00400	PH (STANDARD UNITS)	02/27/73-03/07/73	0	7	
CHCH0177	No	00400	PH (STANDARD UNITS)	10/18/82-12/15/98	16	163	
CHCH0178	No	00400	PH (STANDARD UNITS)	01/24/73-12/05/73	0	13	
CHCH0180	No	00400	PH (STANDARD UNITS)	09/07/67-09/07/67	0	1	
CHCH0182	No	00400	PH (STANDARD UNITS)	09/07/67-09/07/67	0	1	
CHCH0183	No	00400	PH (STANDARD UNITS)	09/07/67-09/07/67	0	1	
CHCH0184	No	00400	PH (STANDARD UNITS)	07/14/82-07/15/82	0	2	
CHCH0185	No	00400	PH (STANDARD UNITS)	02/27/73-03/07/73	0	7	
CHCH0186	No	00400	PH (STANDARD UNITS)	02/27/73-03/07/73	0	7	
CHCH0188	No	00400	PH (STANDARD UNITS)	09/10/80-09/10/80	0	1	
CHCH0189	No	00400	PH (STANDARD UNITS)	09/10/80-09/10/80	0	1	
CHCH0190	No	00400	PH (STANDARD UNITS)	09/07/67-12/20/73	6	49	
CHCH0191	No	00400	PH (STANDARD UNITS)	09/07/67-09/07/67	0	2	
CHCH0192	No	00400	PH (STANDARD UNITS)	02/27/73-03/07/73	0	7	
CHCH0194	No	00400	PH (STANDARD UNITS)	02/27/73-03/07/73	0	7	
CHCH0195	No	00400	PH (STANDARD UNITS)	09/07/67-09/07/67	0	1	
CHCH0196	No	00400	PH (STANDARD UNITS)	02/27/73-03/07/73	0	7	
CHCH0204	No	00400	PH (STANDARD UNITS)	10/16/68-10/17/68	0	2	
CHCH0208	No	00400	PH (STANDARD UNITS)	06/30/76-09/20/79	3	31	
CHCH0212	No	00400	PH (STANDARD UNITS)	10/16/68-10/17/68	0	2	
CHCH0213	No	00400	PH (STANDARD UNITS)	02/27/73-03/07/73	0	7	
CHCH0216	No	00400	PH (STANDARD UNITS)	09/06/67-10/13/67	0	2	
CHCH0224	No	00400	PH (STANDARD UNITS)	11/21/73-12/20/73	0	3	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0225	No	00400	PH (STANDARD UNITS)	08/17/79-09/20/79	0	9	
CHCH0226	No	00400	PH (STANDARD UNITS)	01/23/73-12/05/73	0	24	
CHCH0233	No	00400	PH (STANDARD UNITS)	09/06/67-12/02/69	2	12	
CHCH0234	No	00400	PH (STANDARD UNITS)	10/16/68-10/17/68	0	2	
CHCH0237	No	00400	PH (STANDARD UNITS)	09/07/67-09/07/67	0	1	
CHCH0239	No	00400	PH (STANDARD UNITS)	09/06/67-12/02/69	2	13	
CHCH0240	No	00400	PH (STANDARD UNITS)	10/16/68-10/17/68	0	2	
CHCH0241	No	00400	PH (STANDARD UNITS)	06/26/80-06/26/80	0	1	
CHCH0242	No	00400	PH (STANDARD UNITS)	06/26/80-06/26/80	0	1	
CHCH0245	No	00400	PH (STANDARD UNITS)	08/27/92-03/31/93	0	2	
CHCH0248	No	00400	PH (STANDARD UNITS)	11/21/73-12/20/73	0	3	
CHCH0250	No	00400	PH (STANDARD UNITS)	02/28/73-02/28/73	0	1	
CHCH0251	No	00400	PH (STANDARD UNITS)	01/23/73-12/04/73	0	13	
CHCH0252	No	00400	PH (STANDARD UNITS)	02/26/73-02/26/73	0	1	
CHCH0253	No	00400	PH (STANDARD UNITS)	09/06/67-10/13/67	0	2	
CHCH0254	No	00400	PH (STANDARD UNITS)	06/20/72-06/24/72	0	5	
CHCH0256	No	00400	PH (STANDARD UNITS)	10/16/68-10/16/68	0	1	
CHCH0260	No	00400	PH (STANDARD UNITS)	10/16/68-10/17/68	0	2	
CHCH0264	No	00400	PH (STANDARD UNITS)	02/26/69-12/02/69	0	11	
CHCH0268	No	00400	PH (STANDARD UNITS)	05/23/73-10/30/73	0	14	
CHCH0273	No	00400	PH (STANDARD UNITS)	03/12/58-05/29/68	10	261	
CHCH0276	No	00400	PH (STANDARD UNITS)	06/30/92-06/30/92	0	1	
CHCH0285	No	00400	PH (STANDARD UNITS)	05/23/73-10/30/73	0	12	
CHCH0286	No	00400	PH (STANDARD UNITS)	08/02/72-09/20/79	7	99	
CHCH0287	No	00400	PH (STANDARD UNITS)	08/01/72-06/03/75	2	29	
CHCH0292	No	00400	PH (STANDARD UNITS)	06/20/72-06/23/72	0	4	
CHCH0294	No	00400	PH (STANDARD UNITS)	10/16/68-10/17/68	0	2	
CHCH0295	No	00400	PH (STANDARD UNITS)	11/21/73-12/20/73	0	3	
CHCH0296	No	00400	PH (STANDARD UNITS)	02/26/69-12/02/69	0	11	
CHCH0299	No	00400	PH (STANDARD UNITS)	11/30/77-12/15/98	21	210	T,A
CHCH0300	No	00400	PH (STANDARD UNITS)	06/20/72-06/24/72	0	5	
CHCH0302	No	00400	PH (STANDARD UNITS)	10/16/68-10/17/68	0	2	
CHCH0303	No	00400	PH (STANDARD UNITS)	03/06/73-03/08/73	0	16	
CHCH0304	No	00400	PH (STANDARD UNITS)	03/06/73-03/08/73	0	16	
CHCH0305	No	00400	PH (STANDARD UNITS)	03/06/73-03/08/73	0	17	
CHCH0306	No	00400	PH (STANDARD UNITS)	03/06/73-03/08/73	0	16	
CHCH0308	No	00400	PH (STANDARD UNITS)	09/07/67-09/07/67	0	1	
CHCH0310	No	00400	PH (STANDARD UNITS)	09/07/67-12/05/73	6	24	
CHCH0312	No	00400	PH (STANDARD UNITS)	06/21/72-06/24/72	0	4	
CHCH0316	No	00400	PH (STANDARD UNITS)	02/14/77-02/14/77	0	1	
CHCH0317	No	00400	PH (STANDARD UNITS)	08/17/79-09/20/79	0	20	
CHCH0319	No	00400	PH (STANDARD UNITS)	10/16/68-10/17/68	0	2	
CHCH0325	No	00400	PH (STANDARD UNITS)	10/16/68-10/17/68	0	2	
CHCH0326	No	00400	PH (STANDARD UNITS)	06/03/92-03/02/93	0	3	
CHCH0329	No	00400	PH (STANDARD UNITS)	08/01/72-09/29/77	5	56	
CHCH0332	No	00400	PH (STANDARD UNITS)	10/16/68-10/17/68	0	2	
CHCH0335	No	00400	PH (STANDARD UNITS)	01/24/73-09/20/79	6	69	
CHCH0338	No	00400	PH (STANDARD UNITS)	10/16/68-10/17/68	0	2	
CHCH0340	No	00400	PH (STANDARD UNITS)	10/16/68-10/17/68	0	2	
CHCH0341	No	00400	PH (STANDARD UNITS)	10/16/68-10/17/68	0	2	
CHCH0342	No	00400	PH (STANDARD UNITS)	09/06/67-12/04/73	6	27	
CHCH0343	No	00400	PH (STANDARD UNITS)	06/20/72-06/24/72	0	5	
CHCH0344	No	00400	PH (STANDARD UNITS)	10/16/68-10/16/68	0	1	
CHCH0347	No	00400	PH (STANDARD UNITS)	01/23/73-12/05/73	0	13	
CHCH0348	No	00400	PH (STANDARD UNITS)	08/10/67-02/14/97	29	9	
CHCH0354	No	00400	PH (STANDARD UNITS)	11/30/77-04/07/98	20	103	
CHCH0355	No	00400	PH (STANDARD UNITS)	10/16/68-10/17/68	0	2	
CHCH0356	No	00400	PH (STANDARD UNITS)	10/16/68-10/17/68	0	2	
CHCH0362	No	00400	PH (STANDARD UNITS)	06/20/72-06/24/72	0	5	
CHCH0363	No	00400	PH (STANDARD UNITS)	06/20/72-06/23/72	0	4	
CHCH0365	No	00400	PH (STANDARD UNITS)	06/20/72-06/24/72	0	5	
CHCH0366	No	00400	PH (STANDARD UNITS)	06/20/72-06/24/72	0	5	
CHCH0368	No	00400	PH (STANDARD UNITS)	06/20/72-06/24/72	0	5	
CHCH0369	No	00400	PH (STANDARD UNITS)	06/20/72-06/24/72	0	5	
CHCH0371	No	00400	PH (STANDARD UNITS)	09/07/67-04/21/69	1	2	
CHCH0377	No	00400	PH (STANDARD UNITS)	10/16/68-10/17/68	0	2	
CHCH0378	No	00400	PH (STANDARD UNITS)	06/20/72-06/24/72	0	5	
CHCH0379	No	00400	PH (STANDARD UNITS)	06/21/72-06/23/72	0	3	
CHCH0380	No	00400	PH (STANDARD UNITS)	06/20/72-06/23/72	0	4	
CHCH0384	No	00400	PH (STANDARD UNITS)	10/16/68-10/17/68	0	2	
CHCH0386	No	00400	PH (STANDARD UNITS)	10/16/68-10/17/68	0	2	
CHCH0388	No	00400	PH (STANDARD UNITS)	10/16/68-10/17/68	0	2	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0392	No	00400	PH (STANDARD UNITS)	09/07/67-09/07/67	0	1	
CHCH0393	No	00400	PH (STANDARD UNITS)	10/16/68-10/17/68	0	2	
CHCH0395	No	00400	PH (STANDARD UNITS)	10/16/68-10/17/68	0	2	
CHCH0396	No	00400	PH (STANDARD UNITS)	10/16/68-10/17/68	0	2	
CHCH0401	No	00400	PH (STANDARD UNITS)	01/23/73-12/05/73	0	13	
CHCH0408	No	00400	PH (STANDARD UNITS)	05/23/73-10/29/73	0	16	
CHCH0409	No	00400	PH (STANDARD UNITS)	01/23/73-10/25/88	15	71	
CHCH0411	No	00400	PH (STANDARD UNITS)	07/28/92-07/29/92	0	134	
CHCH0413	No	00400	PH (STANDARD UNITS)	01/23/73-12/04/73	0	24	
CHCH0414	No	00400	PH (STANDARD UNITS)	07/15/91-07/29/92	1	841	
CHCH0416	No	00400	PH (STANDARD UNITS)	10/21/74-04/17/80	5	47	
CHCH0418	No	00400	PH (STANDARD UNITS)	08/01/72-06/03/75	2	29	
CHCH0420	No	00400	PH (STANDARD UNITS)	07/15/91-07/29/92	1	142	
CHCH0427	No	00400	PH (STANDARD UNITS)	04/01/87-08/12/93	6	592	
CHCH0433	No	00400	PH (STANDARD UNITS)	07/12/60-09/16/97	37	1457	T,S
CHCH0443	No	00400	PH (STANDARD UNITS)	08/02/72-08/11/92	20	290	
CHCH0445	No	00400	PH (STANDARD UNITS)	01/23/73-12/05/73	0	46	
CHCH0448	No	00400	PH (STANDARD UNITS)	09/07/67-09/07/67	0	1	
CHCH0449	No	00400	PH (STANDARD UNITS)	04/01/87-09/19/89	2	529	
CHCH0452	No	00400	PH (STANDARD UNITS)	05/22/79-08/19/81	2	6	
CHCH0456	No	00400	PH (STANDARD UNITS)	10/23/75-09/14/76	0	13	
CHCH0457	No	00400	PH (STANDARD UNITS)	01/24/73-12/07/76	3	17	
CHCH0459	No	00400	PH (STANDARD UNITS)	07/31/92-03/12/93	0	2	
CHCH0008	No	00403	PH, LAB, STANDARD UNITS SU	04/16/81-09/02/81	0	2	
CHCH0010	No	00403	PH, LAB, STANDARD UNITS SU	04/15/81-09/01/81	0	2	
CHCH0012	No	00403	PH, LAB, STANDARD UNITS SU	02/12/86-07/22/92	6	12	
CHCH0017	No	00403	PH, LAB, STANDARD UNITS SU	04/16/81-09/01/81	0	2	
CHCH0021	No	00403	PH, LAB, STANDARD UNITS SU	04/16/81-10/20/81	0	3	
CHCH0037	No	00403	PH, LAB, STANDARD UNITS SU	04/15/81-09/01/81	0	2	
CHCH0047	No	00403	PH, LAB, STANDARD UNITS SU	04/15/81-09/01/81	0	2	
CHCH0054	No	00403	PH, LAB, STANDARD UNITS SU	10/28/80-07/13/95	14	132	
CHCH0055	No	00403	PH, LAB, STANDARD UNITS SU	07/12/73-12/14/98	25	197	T,S
CHCH0059	No	00403	PH, LAB, STANDARD UNITS SU	11/25/80-09/01/81	0	9	
CHCH0062	No	00403	PH, LAB, STANDARD UNITS SU	02/27/73-03/07/73	0	7	
CHCH0065	No	00403	PH, LAB, STANDARD UNITS SU	11/24/80-02/22/94	13	81	
CHCH0066	No	00403	PH, LAB, STANDARD UNITS SU	07/18/73-07/28/87	14	66	
CHCH0069	No	00403	PH, LAB, STANDARD UNITS SU	03/06/73-03/06/73	0	1	
CHCH0071	No	00403	PH, LAB, STANDARD UNITS SU	02/27/73-03/07/73	0	6	
CHCH0073	No	00403	PH, LAB, STANDARD UNITS SU	03/06/73-03/06/73	0	1	
CHCH0074	No	00403	PH, LAB, STANDARD UNITS SU	03/05/73-03/07/73	0	3	
CHCH0075	No	00403	PH, LAB, STANDARD UNITS SU	06/09/64-06/03/65	0	14	
CHCH0077	No	00403	PH, LAB, STANDARD UNITS SU	10/06/82-01/07/97	14	137	
CHCH0080	No	00403	PH, LAB, STANDARD UNITS SU	11/16/83-01/07/97	13	144	
CHCH0081	No	00403	PH, LAB, STANDARD UNITS SU	02/27/73-03/07/73	0	6	
CHCH0084	No	00403	PH, LAB, STANDARD UNITS SU	06/02/64-08/17/64	0	17	
CHCH0087	No	00403	PH, LAB, STANDARD UNITS SU	02/27/73-03/07/73	0	7	
CHCH0088	No	00403	PH, LAB, STANDARD UNITS SU	11/22/94-07/13/95	0	8	
CHCH0094	No	00403	PH, LAB, STANDARD UNITS SU	03/01/73-03/02/73	0	2	
CHCH0099	No	00403	PH, LAB, STANDARD UNITS SU	05/02/60-05/04/60	0	3	
CHCH0100	No	00403	PH, LAB, STANDARD UNITS SU	03/05/73-03/07/73	0	3	
CHCH0101	No	00403	PH, LAB, STANDARD UNITS SU	06/02/64-06/11/64	0	8	
CHCH0102	No	00403	PH, LAB, STANDARD UNITS SU	02/27/73-03/07/73	0	7	
CHCH0106	No	00403	PH, LAB, STANDARD UNITS SU	02/27/73-03/07/73	0	7	
CHCH0108	No	00403	PH, LAB, STANDARD UNITS SU	02/28/73-03/07/73	0	4	
CHCH0109	No	00403	PH, LAB, STANDARD UNITS SU	02/28/73-03/02/73	0	3	
CHCH0110	No	00403	PH, LAB, STANDARD UNITS SU	03/01/73-03/02/73	0	2	
CHCH0113	No	00403	PH, LAB, STANDARD UNITS SU	02/27/73-03/07/73	0	8	
CHCH0114	No	00403	PH, LAB, STANDARD UNITS SU	05/03/60-08/17/64	4	13	
CHCH0116	No	00403	PH, LAB, STANDARD UNITS SU	02/28/73-03/02/73	0	3	
CHCH0117	No	00403	PH, LAB, STANDARD UNITS SU	02/28/73-03/02/73	0	3	
CHCH0118	No	00403	PH, LAB, STANDARD UNITS SU	03/01/73-03/02/73	0	2	
CHCH0119	No	00403	PH, LAB, STANDARD UNITS SU	03/06/73-03/08/73	0	3	
CHCH0120	No	00403	PH, LAB, STANDARD UNITS SU	02/27/73-03/01/73	0	3	
CHCH0123	No	00403	PH, LAB, STANDARD UNITS SU	02/27/73-03/01/73	0	3	
CHCH0128	No	00403	PH, LAB, STANDARD UNITS SU	03/06/73-03/08/73	0	3	
CHCH0131	No	00403	PH, LAB, STANDARD UNITS SU	03/06/73-03/08/73	0	3	
CHCH0132	No	00403	PH, LAB, STANDARD UNITS SU	03/06/73-03/08/73	0	3	
CHCH0134	No	00403	PH, LAB, STANDARD UNITS SU	06/02/64-06/11/64	0	4	
CHCH0138	No	00403	PH, LAB, STANDARD UNITS SU	02/27/73-03/07/73	0	7	
CHCH0140	No	00403	PH, LAB, STANDARD UNITS SU	03/06/73-03/08/73	0	3	
CHCH0144	No	00403	PH, LAB, STANDARD UNITS SU	02/27/73-03/07/73	0	7	
CHCH0146	No	00403	PH, LAB, STANDARD UNITS SU	02/27/73-03/01/73	0	3	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0159	No	00403	PH, LAB, STANDARD UNITS SU	08/21/92-04/15/93	0	3	
CHCH0162	No	00403	PH, LAB, STANDARD UNITS SU	02/27/73-03/07/73	0	7	
CHCH0168	No	00403	PH, LAB, STANDARD UNITS SU	02/27/73-03/01/73	0	3	
CHCH0170	No	00403	PH, LAB, STANDARD UNITS SU	02/27/73-03/07/73	0	7	
CHCH0177	No	00403	PH, LAB, STANDARD UNITS SU	04/12/83-12/12/94	11	3	
CHCH0181	No	00403	PH, LAB, STANDARD UNITS SU	06/02/64-06/11/64	0	8	
CHCH0185	No	00403	PH, LAB, STANDARD UNITS SU	02/27/73-03/07/73	0	7	
CHCH0186	No	00403	PH, LAB, STANDARD UNITS SU	02/27/73-03/07/73	0	7	
CHCH0192	No	00403	PH, LAB, STANDARD UNITS SU	02/27/73-03/07/73	0	7	
CHCH0194	No	00403	PH, LAB, STANDARD UNITS SU	02/27/73-03/07/73	0	7	
CHCH0196	No	00403	PH, LAB, STANDARD UNITS SU	02/27/73-03/07/73	0	7	
CHCH0197	No	00403	PH, LAB, STANDARD UNITS SU	06/02/64-06/10/64	0	6	
CHCH0202	No	00403	PH, LAB, STANDARD UNITS SU	06/16/64-08/18/64	0	29	
CHCH0210	No	00403	PH, LAB, STANDARD UNITS SU	06/16/64-07/14/64	0	6	
CHCH0211	No	00403	PH, LAB, STANDARD UNITS SU	03/07/73-03/08/73	0	2	
CHCH0213	No	00403	PH, LAB, STANDARD UNITS SU	02/27/73-03/07/73	0	7	
CHCH0214	No	00403	PH, LAB, STANDARD UNITS SU	03/07/73-03/08/73	0	2	
CHCH0217	No	00403	PH, LAB, STANDARD UNITS SU	02/27/73-03/01/73	0	2	
CHCH0218	No	00403	PH, LAB, STANDARD UNITS SU	02/27/73-02/28/73	0	2	
CHCH0219	No	00403	PH, LAB, STANDARD UNITS SU	02/27/73-03/01/73	0	2	
CHCH0220	No	00403	PH, LAB, STANDARD UNITS SU	06/18/64-08/20/64	0	60	
CHCH0221	No	00403	PH, LAB, STANDARD UNITS SU	06/16/64-08/18/64	0	60	
CHCH0222	No	00403	PH, LAB, STANDARD UNITS SU	06/19/72-06/23/72	0	5	
CHCH0223	No	00403	PH, LAB, STANDARD UNITS SU	03/07/73-03/08/73	0	2	
CHCH0228	No	00403	PH, LAB, STANDARD UNITS SU	03/07/73-03/08/73	0	2	
CHCH0231	No	00403	PH, LAB, STANDARD UNITS SU	06/15/64-08/17/64	0	10	
CHCH0235	No	00403	PH, LAB, STANDARD UNITS SU	06/20/72-06/24/72	0	5	
CHCH0245	No	00403	PH, LAB, STANDARD UNITS SU	08/27/92-03/31/93	0	3	
CHCH0249	No	00403	PH, LAB, STANDARD UNITS SU	06/20/72-06/23/72	0	4	
CHCH0250	No	00403	PH, LAB, STANDARD UNITS SU	02/27/73-03/06/73	0	5	
CHCH0254	No	00403	PH, LAB, STANDARD UNITS SU	06/19/72-06/23/72	0	5	
CHCH0259	No	00403	PH, LAB, STANDARD UNITS SU	03/07/73-03/07/73	0	1	
CHCH0261	No	00403	PH, LAB, STANDARD UNITS SU	06/23/72-06/24/72	0	2	
CHCH0262	No	00403	PH, LAB, STANDARD UNITS SU	03/07/73-03/08/73	0	2	
CHCH0263	No	00403	PH, LAB, STANDARD UNITS SU	06/20/72-06/24/72	0	5	
CHCH0266	No	00403	PH, LAB, STANDARD UNITS SU	11/28/72-01/03/73	0	45	
CHCH0267	No	00403	PH, LAB, STANDARD UNITS SU	11/28/72-01/03/73	0	45	
CHCH0270	No	00403	PH, LAB, STANDARD UNITS SU	06/16/64-08/11/64	0	10	
CHCH0276	No	00403	PH, LAB, STANDARD UNITS SU	06/30/92-04/05/93	0	3	
CHCH0280	No	00403	PH, LAB, STANDARD UNITS SU	07/02/74-09/26/74	0	33	
CHCH0284	No	00403	PH, LAB, STANDARD UNITS SU	07/02/74-09/26/74	0	30	
CHCH0287	No	00403	PH, LAB, STANDARD UNITS SU	08/07/73-07/01/80	6	67	
CHCH0289	No	00403	PH, LAB, STANDARD UNITS SU	07/02/74-09/26/74	0	33	
CHCH0292	No	00403	PH, LAB, STANDARD UNITS SU	06/20/72-06/24/72	0	5	
CHCH0293	No	00403	PH, LAB, STANDARD UNITS SU	06/20/72-06/24/72	0	5	
CHCH0297	No	00403	PH, LAB, STANDARD UNITS SU	06/16/64-08/18/64	0	20	
CHCH0299	No	00403	PH, LAB, STANDARD UNITS SU	03/29/78-12/12/94	16	8	
CHCH0300	No	00403	PH, LAB, STANDARD UNITS SU	06/20/72-06/24/72	0	5	
CHCH0301	No	00403	PH, LAB, STANDARD UNITS SU	06/17/64-08/19/64	0	87	
CHCH0303	No	00403	PH, LAB, STANDARD UNITS SU	03/06/73-03/08/73	0	3	
CHCH0304	No	00403	PH, LAB, STANDARD UNITS SU	03/06/73-03/08/73	0	3	
CHCH0305	No	00403	PH, LAB, STANDARD UNITS SU	03/06/73-03/08/73	0	4	
CHCH0306	No	00403	PH, LAB, STANDARD UNITS SU	03/06/73-03/08/73	0	3	
CHCH0311	No	00403	PH, LAB, STANDARD UNITS SU	06/23/72-06/24/72	0	2	
CHCH0312	No	00403	PH, LAB, STANDARD UNITS SU	06/20/72-06/24/72	0	5	
CHCH0322	No	00403	PH, LAB, STANDARD UNITS SU	06/24/72-06/24/72	0	1	
CHCH0326	No	00403	PH, LAB, STANDARD UNITS SU	06/03/92-03/02/93	0	3	
CHCH0329	No	00403	PH, LAB, STANDARD UNITS SU	08/07/73-08/29/77	4	3	
CHCH0330	No	00403	PH, LAB, STANDARD UNITS SU	06/19/72-06/22/72	0	4	
CHCH0331	No	00403	PH, LAB, STANDARD UNITS SU	06/24/72-06/24/72	0	1	
CHCH0343	No	00403	PH, LAB, STANDARD UNITS SU	06/20/72-06/24/72	0	5	
CHCH0346	No	00403	PH, LAB, STANDARD UNITS SU	06/23/72-06/23/72	0	1	
CHCH0348	No	00403	PH, LAB, STANDARD UNITS SU	05/28/96-02/14/97	0	6	
CHCH0354	No	00403	PH, LAB, STANDARD UNITS SU	03/29/78-04/12/83	5	6	
CHCH0358	No	00403	PH, LAB, STANDARD UNITS SU	06/23/72-06/24/72	0	2	
CHCH0361	No	00403	PH, LAB, STANDARD UNITS SU	06/16/64-08/18/64	0	10	
CHCH0362	No	00403	PH, LAB, STANDARD UNITS SU	06/19/72-06/23/72	0	5	
CHCH0363	No	00403	PH, LAB, STANDARD UNITS SU	06/20/72-06/24/72	0	5	
CHCH0365	No	00403	PH, LAB, STANDARD UNITS SU	06/20/72-06/24/72	0	5	
CHCH0368	No	00403	PH, LAB, STANDARD UNITS SU	06/19/72-06/23/72	0	5	
CHCH0369	No	00403	PH, LAB, STANDARD UNITS SU	06/20/72-06/24/72	0	5	
CHCH0378	No	00403	PH, LAB, STANDARD UNITS SU	06/20/72-06/24/72	0	5	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0379	No	00403	PH, LAB, STANDARD UNITS SU	06/19/72-06/22/72	0	4	
CHCH0380	No	00403	PH, LAB, STANDARD UNITS SU	06/20/72-06/23/72	0	4	
CHCH0383	No	00403	PH, LAB, STANDARD UNITS SU	07/02/74-09/26/74	0	33	
CHCH0385	No	00403	PH, LAB, STANDARD UNITS SU	07/02/74-09/26/74	0	34	
CHCH0389	No	00403	PH, LAB, STANDARD UNITS SU	07/02/74-09/26/74	0	34	
CHCH0390	No	00403	PH, LAB, STANDARD UNITS SU	03/08/73-03/08/73	0	1	
CHCH0406	No	00403	PH, LAB, STANDARD UNITS SU	06/17/64-08/19/64	0	87	
CHCH0407	No	00403	PH, LAB, STANDARD UNITS SU	07/02/74-09/26/74	0	36	
CHCH0417	No	00403	PH, LAB, STANDARD UNITS SU	07/02/74-09/26/74	0	36	
CHCH0418	No	00403	PH, LAB, STANDARD UNITS SU	06/23/64-08/07/73	9	6	
CHCH0421	No	00403	PH, LAB, STANDARD UNITS SU	07/02/74-09/26/74	0	33	
CHCH0428	No	00403	PH, LAB, STANDARD UNITS SU	11/23/60-11/15/62	1	41	
CHCH0429	No	00403	PH, LAB, STANDARD UNITS SU	06/19/72-06/23/72	0	4	
CHCH0433	No	00403	PH, LAB, STANDARD UNITS SU	04/11/90-09/13/90	0	8	
CHCH0434	No	00403	PH, LAB, STANDARD UNITS SU	08/24/64-09/03/64	0	16	
CHCH0435	No	00403	PH, LAB, STANDARD UNITS SU	04/09/90-09/13/90	0	36	
CHCH0450	No	00403	PH, LAB, STANDARD UNITS SU	05/13/64-08/20/64	0	59	
CHCH0452	No	00403	PH, LAB, STANDARD UNITS SU	08/19/81-08/19/81	0	1	
CHCH0455	No	00403	PH, LAB, STANDARD UNITS SU	05/25/65-05/27/65	0	3	
CHCH0459	No	00403	PH, LAB, STANDARD UNITS SU	07/31/92-03/12/93	0	3	
CHCH0006	No	00405	CARBON DIOXIDE (MG/L AS CO2)	09/07/76-04/21/77	0	2	
CHCH0007	No	00405	CARBON DIOXIDE (MG/L AS CO2)	08/31/76-08/31/76	0	1	
CHCH0008	No	00405	CARBON DIOXIDE (MG/L AS CO2)	08/03/79-08/21/80	1	6	
CHCH0010	No	00405	CARBON DIOXIDE (MG/L AS CO2)	08/01/79-08/20/80	1	6	
CHCH0017	No	00405	CARBON DIOXIDE (MG/L AS CO2)	08/01/79-08/21/80	1	6	
CHCH0021	No	00405	CARBON DIOXIDE (MG/L AS CO2)	08/26/76-08/21/80	3	8	
CHCH0032	No	00405	CARBON DIOXIDE (MG/L AS CO2)	06/25/74-06/25/74	0	1	
CHCH0037	No	00405	CARBON DIOXIDE (MG/L AS CO2)	08/26/76-08/20/80	3	8	
CHCH0047	No	00405	CARBON DIOXIDE (MG/L AS CO2)	08/26/76-08/20/80	3	8	
CHCH0059	No	00405	CARBON DIOXIDE (MG/L AS CO2)	11/22/72-09/09/80	7	21	
CHCH0149	No	00405	CARBON DIOXIDE (MG/L AS CO2)	05/25/65-05/25/65	0	1	
CHCH0416	No	00405	CARBON DIOXIDE (MG/L AS CO2)	10/19/76-08/23/77	0	10	
CHCH0001	No	00406	PH, FIELD, STANDARD UNITS SU	10/03/77-10/03/77	0	1	
CHCH0003	No	00406	PH, FIELD, STANDARD UNITS SU	09/27/77-09/27/77	0	1	
CHCH0022	No	00406	PH, FIELD, STANDARD UNITS SU	09/28/77-09/28/77	0	1	
CHCH0035	No	00406	PH, FIELD, STANDARD UNITS SU	10/07/77-10/07/77	0	1	
CHCH0039	No	00406	PH, FIELD, STANDARD UNITS SU	09/27/77-09/27/77	0	1	
CHCH0052	No	00406	PH, FIELD, STANDARD UNITS SU	09/24/77-09/24/77	0	1	
CHCH0056	Yes	00406	PH, FIELD, STANDARD UNITS SU	12/15/92-12/15/92	0	1	
CHCH0057	Yes	00406	PH, FIELD, STANDARD UNITS SU	09/01/92-09/01/92	0	1	
CHCH0103	Yes	00406	PH, FIELD, STANDARD UNITS SU	12/15/92-12/15/92	0	1	
CHCH0112	No	00406	PH, FIELD, STANDARD UNITS SU	10/02/78-10/02/78	0	1	
CHCH0141	No	00406	PH, FIELD, STANDARD UNITS SU	09/21/78-09/21/78	0	1	
CHCH0153	Yes	00406	PH, FIELD, STANDARD UNITS SU	12/16/92-12/16/92	0	1	
CHCH0155	Yes	00406	PH, FIELD, STANDARD UNITS SU	12/16/92-12/16/92	0	1	
CHCH0161	No	00406	PH, FIELD, STANDARD UNITS SU	09/19/78-09/19/78	0	1	
CHCH0166	No	00406	PH, FIELD, STANDARD UNITS SU	12/14/92-12/14/92	0	1	
CHCH0167	Yes	00406	PH, FIELD, STANDARD UNITS SU	12/16/92-12/16/92	0	1	
CHCH0172	No	00406	PH, FIELD, STANDARD UNITS SU	12/17/92-12/17/92	0	1	
CHCH0203	No	00406	PH, FIELD, STANDARD UNITS SU	09/19/78-09/19/78	0	1	
CHCH0215	No	00406	PH, FIELD, STANDARD UNITS SU	08/24/78-08/24/78	0	1	
CHCH0244	No	00406	PH, FIELD, STANDARD UNITS SU	10/02/78-10/02/78	0	1	
CHCH0277	No	00406	PH, FIELD, STANDARD UNITS SU	08/24/78-08/24/78	0	1	
CHCH0402	No	00406	PH, FIELD, STANDARD UNITS SU	08/24/78-08/24/78	0	1	
CHCH0439	No	00406	PH, FIELD, STANDARD UNITS SU	09/19/78-09/19/78	0	1	
CHCH0451	No	00406	PH, FIELD, STANDARD UNITS SU	08/25/78-08/25/78	0	1	
CHCH0462	No	00406	PH, FIELD, STANDARD UNITS SU	09/20/78-09/20/78	0	1	
CHCH0463	No	00406	PH, FIELD, STANDARD UNITS SU	08/24/78-08/24/78	0	1	
CHCH0001	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/03/77-10/03/77	0	1	
CHCH0002	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/17/80-08/29/80	0	4	
CHCH0003	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/27/77-09/27/77	0	1	
CHCH0004	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/28/69-08/29/80	11	16	
CHCH0005	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/25/69-12/01/69	0	11	
CHCH0006	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/07/76-04/21/77	0	2	
CHCH0007	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/31/76-08/31/76	0	1	
CHCH0008	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/25/79-04/16/81	1	8	
CHCH0009	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/17/80-08/29/80	0	4	
CHCH0010	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/24/79-09/01/81	2	9	
CHCH0014	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/28/69-08/29/80	11	16	
CHCH0015	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/28/69-12/03/69	0	12	
CHCH0017	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/25/79-09/01/81	2	8	
CHCH0020	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/25/69-12/04/69	0	11	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0021	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/26/76-10/20/81	5	12	
CHCH0022	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/28/77-09/28/77	0	1	
CHCH0023	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/25/69-12/01/69	0	11	
CHCH0024	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/17/81-07/17/81	0	1	
CHCH0026	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/25/69-12/04/69	0	11	
CHCH0027	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/17/80-08/29/80	0	4	
CHCH0028	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/25/69-12/04/69	0	11	
CHCH0029	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/25/69-12/04/69	0	11	
CHCH0030	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/17/69-12/04/69	0	10	
CHCH0032	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/23/58-06/25/74	16	3	
CHCH0035	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/07/77-10/07/77	0	1	
CHCH0037	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/26/76-09/01/81	5	11	
CHCH0038	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/27/69-12/03/69	0	12	
CHCH0039	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/27/77-09/27/77	0	1	
CHCH0040	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/28/69-08/29/80	11	16	
CHCH0041	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/17/69-12/04/69	0	10	
CHCH0043	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/26/69-12/02/69	0	11	
CHCH0045	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/27/69-12/03/69	0	10	
CHCH0047	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/26/76-09/01/81	5	11	
CHCH0049	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/27/69-12/04/69	0	12	
CHCH0050	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/27/69-12/03/69	0	12	
CHCH0051	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/27/69-12/04/69	0	12	
CHCH0052	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/24/77-09/24/77	0	1	
CHCH0053	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/28/69-08/29/80	11	16	
CHCH0054	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/20/74-09/24/80	6	55	
CHCH0055	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/12/73-12/14/98	25	258	T,A,S
CHCH0058	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/27/69-12/03/69	0	12	
CHCH0059	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/17/71-09/01/81	10	33	
CHCH0060	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/27/69-12/03/69	0	12	
CHCH0061	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/10/80-09/10/80	0	1	
CHCH0062	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/27/73-03/07/73	0	7	
CHCH0063	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/28/69-12/03/69	0	12	
CHCH0064	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/25/69-12/04/69	0	11	
CHCH0065	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/20/74-09/24/80	6	41	
CHCH0066	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/18/73-02/22/94	20	95	
CHCH0068	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/27/69-12/04/69	0	12	
CHCH0071	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/27/73-03/07/73	0	6	
CHCH0072	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/30/80-08/29/80	0	3	
CHCH0075	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/09/64-06/03/65	0	14	
CHCH0076	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/27/69-12/03/69	0	12	
CHCH0077	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/16/83-01/07/97	13	134	
CHCH0080	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/16/83-01/07/97	13	142	
CHCH0081	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/27/73-03/07/73	0	6	
CHCH0082	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/14/82-07/15/82	0	2	
CHCH0083	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/27/69-12/03/69	0	12	
CHCH0084	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/02/64-06/11/64	0	7	
CHCH0085	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/10/80-09/10/80	0	1	
CHCH0087	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/27/73-03/07/73	0	7	
CHCH0090	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/10/80-09/10/80	0	1	
CHCH0092	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/14/82-07/15/82	0	2	
CHCH0093	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/27/69-12/04/69	0	12	
CHCH0099	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/02/60-05/04/60	0	3	
CHCH0101	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/02/64-06/11/64	0	8	
CHCH0102	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/27/73-03/07/73	0	7	
CHCH0104	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/14/82-07/15/82	0	2	
CHCH0105	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/27/69-12/03/69	0	12	
CHCH0106	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/27/73-03/07/73	0	7	
CHCH0107	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/10/80-09/10/80	0	1	
CHCH0111	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/10/80-09/10/80	0	1	
CHCH0112	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/02/78-10/02/78	0	1	
CHCH0113	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/27/73-03/07/73	0	8	
CHCH0114	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/03/60-05/06/60	0	3	
CHCH0121	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/14/82-07/15/82	0	2	
CHCH0122	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/10/80-09/10/80	0	1	
CHCH0125	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/14/82-07/15/82	0	2	
CHCH0126	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/26/69-12/02/69	0	11	
CHCH0127	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/14/82-07/15/82	0	2	
CHCH0130	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/27/69-12/04/69	0	11	
CHCH0134	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/02/64-06/11/64	0	4	
CHCH0136	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/14/82-07/15/82	0	2	
CHCH0137	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/10/80-09/10/80	0	1	
CHCH0138	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/27/73-03/07/73	0	7	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0141	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/21/78-09/21/78	0	1	
CHCH0142	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/14/82-07/15/82	0	2	
CHCH0144	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/27/73-03/07/73	0	7	
CHCH0149	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/03/58-05/25/65	7	3	
CHCH0150	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/23/75-09/14/76	0	13	
CHCH0151	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/26/69-11/10/80	11	15	
CHCH0156	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/10/80-09/10/80	0	1	
CHCH0157	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/14/82-07/15/82	0	2	
CHCH0158	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/14/82-07/15/82	0	2	
CHCH0160	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/14/82-07/15/82	0	2	
CHCH0161	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/19/78-09/19/78	0	1	
CHCH0162	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/27/73-03/07/73	0	7	
CHCH0163	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/10/80-09/10/80	0	2	
CHCH0164	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/14/82-07/15/82	0	2	
CHCH0169	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/27/69-09/10/80	11	27	
CHCH0170	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/27/73-03/07/73	0	7	
CHCH0177	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/20/93-07/20/93	0	1	
CHCH0178	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/24/73-12/05/73	0	13	
CHCH0181	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/02/64-06/11/64	0	8	
CHCH0184	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/14/82-07/15/82	0	2	
CHCH0185	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/27/73-03/07/73	0	7	
CHCH0186	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/27/73-03/07/73	0	7	
CHCH0188	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/10/80-09/10/80	0	1	
CHCH0189	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/10/80-09/10/80	0	1	
CHCH0190	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/07/67-12/20/73	6	50	
CHCH0191	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/07/67-09/07/67	0	2	
CHCH0192	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/27/73-03/07/73	0	7	
CHCH0194	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/27/73-03/07/73	0	7	
CHCH0196	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/27/73-03/07/73	0	7	
CHCH0197	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/02/64-06/10/64	0	6	
CHCH0203	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/19/78-09/19/78	0	1	
CHCH0208	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/17/79-09/20/79	0	7	
CHCH0212	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/16/68-10/17/68	0	2	
CHCH0213	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/27/73-03/07/73	0	7	
CHCH0215	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/24/78-08/24/78	0	1	
CHCH0222	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/19/72-06/23/72	0	5	
CHCH0224	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/21/73-12/20/73	0	3	
CHCH0225	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/17/79-09/20/79	0	3	
CHCH0226	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/23/73-12/05/73	0	24	
CHCH0233	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/26/69-12/02/69	0	10	
CHCH0234	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/16/68-10/17/68	0	2	
CHCH0237	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/07/67-09/07/67	0	1	
CHCH0239	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/26/69-12/02/69	0	11	
CHCH0240	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/16/68-10/17/68	0	2	
CHCH0244	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/02/78-10/02/78	0	1	
CHCH0248	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/21/73-12/20/73	0	3	
CHCH0251	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/23/73-12/04/73	0	13	
CHCH0252	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/26/73-02/26/73	0	1	
CHCH0256	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/16/68-10/16/68	0	1	
CHCH0264	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/26/69-12/02/69	0	11	
CHCH0268	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/23/73-10/30/73	0	14	
CHCH0273	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/12/58-05/29/68	10	262	
CHCH0277	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/24/78-08/24/78	0	1	
CHCH0280	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/02/74-09/26/74	0	33	
CHCH0284	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/02/74-09/26/74	0	30	
CHCH0285	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/23/73-10/30/73	0	12	
CHCH0286	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/02/72-09/20/79	7	82	
CHCH0287	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/01/72-01/01/85	12	145	
CHCH0289	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/02/74-09/26/74	0	33	
CHCH0294	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/16/68-10/16/68	0	1	
CHCH0295	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/21/73-12/20/73	0	3	
CHCH0296	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/26/69-12/02/69	0	11	
CHCH0300	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/20/72-06/24/72	0	5	
CHCH0308	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/07/67-09/07/67	0	1	
CHCH0310	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/07/67-12/05/73	6	24	
CHCH0316	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/14/77-02/14/77	0	1	
CHCH0317	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/17/79-09/20/79	0	7	
CHCH0325	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/16/68-10/17/68	0	2	
CHCH0329	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/01/72-08/29/77	5	55	
CHCH0330	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/19/72-06/19/72	0	1	
CHCH0335	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/24/73-09/20/79	6	30	
CHCH0341	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/16/68-10/17/68	0	2	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0342	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/26/69-12/04/73	4	25	
CHCH0347	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/23/73-12/05/73	0	13	
CHCH0348	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/18/68-09/16/68	0	2	
CHCH0355	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/16/68-10/17/68	0	2	
CHCH0356	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/17/68-10/17/68	0	1	
CHCH0365	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/20/72-06/24/72	0	5	
CHCH0371	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/21/69-04/21/69	0	1	
CHCH0378	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/20/72-06/24/72	0	5	
CHCH0379	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/19/72-06/22/72	0	4	
CHCH0383	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/02/74-09/26/74	0	33	
CHCH0385	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/02/74-09/26/74	0	34	
CHCH0389	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/02/74-09/26/74	0	34	
CHCH0392	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/07/67-09/07/67	0	1	
CHCH0401	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/23/73-12/05/73	0	13	
CHCH0402	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/24/78-08/24/78	0	1	
CHCH0407	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/02/74-09/26/74	0	36	
CHCH0408	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/23/73-10/29/73	0	16	
CHCH0409	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/23/73-06/19/80	7	22	
CHCH0413	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/23/73-12/04/73	0	24	
CHCH0416	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/21/74-04/17/80	5	47	
CHCH0417	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/02/74-09/26/74	0	36	
CHCH0418	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/01/72-06/03/75	2	30	
CHCH0421	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/02/74-09/26/74	0	34	
CHCH0428	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/23/60-11/15/62	1	40	
CHCH0433	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/12/60-09/13/90	30	68	
CHCH0435	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/09/90-09/13/90	0	36	
CHCH0439	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/19/78-09/19/78	0	1	
CHCH0443	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/02/72-07/17/91	18	60	
CHCH0445	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/23/73-12/05/73	0	45	
CHCH0448	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/07/67-09/07/67	0	1	
CHCH0451	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/25/78-08/25/78	0	1	
CHCH0452	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/22/79-08/19/81	2	6	
CHCH0455	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/25/65-05/27/65	0	3	
CHCH0456	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/23/75-09/14/76	0	13	
CHCH0457	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/24/73-12/07/76	3	17	
CHCH0462	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/20/78-09/20/78	0	1	
CHCH0463	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/24/78-08/24/78	0	1	
CHCH0002	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	07/17/80-08/29/80	0	4	
CHCH0004	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/28/69-08/29/80	11	16	
CHCH0005	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	02/25/69-12/01/69	0	11	
CHCH0009	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	07/17/80-08/29/80	0	4	
CHCH0014	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/28/69-08/29/80	11	16	
CHCH0015	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/28/69-12/03/69	0	12	
CHCH0020	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	02/25/69-12/04/69	0	11	
CHCH0023	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	02/25/69-12/01/69	0	11	
CHCH0024	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	07/17/81-07/17/81	0	1	
CHCH0026	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	02/25/69-12/04/69	0	11	
CHCH0027	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	07/17/80-08/29/80	0	4	
CHCH0028	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	02/25/69-12/04/69	0	11	
CHCH0029	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	02/25/69-12/04/69	0	11	
CHCH0030	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	03/17/69-12/04/69	0	10	
CHCH0038	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/27/69-12/03/69	0	12	
CHCH0040	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/28/69-08/29/80	11	16	
CHCH0041	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	03/17/69-12/04/69	0	10	
CHCH0043	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	02/26/69-12/02/69	0	11	
CHCH0045	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/27/69-12/03/69	0	10	
CHCH0049	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/27/69-12/04/69	0	12	
CHCH0050	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/27/69-12/03/69	0	12	
CHCH0051	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/27/69-12/04/69	0	12	
CHCH0053	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/28/69-08/29/80	11	16	
CHCH0058	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/27/69-12/03/69	0	12	
CHCH0060	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/27/69-12/03/69	0	12	
CHCH0061	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	09/10/80-09/10/80	0	1	
CHCH0063	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/28/69-12/03/69	0	12	
CHCH0064	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	02/25/69-12/04/69	0	11	
CHCH0068	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/27/69-12/04/69	0	12	
CHCH0072	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	07/30/80-08/29/80	0	3	
CHCH0075	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	06/09/64-06/03/65	0	14	
CHCH0076	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/27/69-12/03/69	0	12	
CHCH0083	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/27/69-12/03/69	0	12	
CHCH0085	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	09/10/80-09/10/80	0	1	
CHCH0090	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	09/10/80-09/10/80	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0093	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/27/69-12/04/69	0	12	
CHCH0105	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/27/69-12/03/69	0	12	
CHCH0107	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	09/10/80-09/10/80	0	1	
CHCH0111	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	09/10/80-09/10/80	0	1	
CHCH0122	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	09/10/80-09/10/80	0	1	
CHCH0126	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	02/26/69-12/02/69	0	11	
CHCH0130	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	02/27/69-12/04/69	0	11	
CHCH0134	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	06/03/64-06/03/64	0	1	
CHCH0137	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	09/10/80-09/10/80	0	1	
CHCH0151	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	02/26/69-11/10/80	11	28	
CHCH0156	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	09/10/80-09/10/80	0	1	
CHCH0163	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	09/10/80-09/10/80	0	2	
CHCH0169	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/27/69-09/10/80	11	27	
CHCH0178	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/24/73-12/05/73	0	13	
CHCH0188	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	09/10/80-09/10/80	0	1	
CHCH0189	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	09/10/80-09/10/80	0	1	
CHCH0190	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	09/07/67-12/20/73	6	50	
CHCH0191	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	09/07/67-09/07/67	0	2	
CHCH0208	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/17/79-09/20/79	0	7	
CHCH0224	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	11/21/73-12/20/73	0	3	
CHCH0225	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/17/79-09/20/79	0	3	
CHCH0226	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/23/73-12/05/73	0	24	
CHCH0233	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	02/26/69-12/02/69	0	10	
CHCH0237	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	09/07/67-09/07/67	0	1	
CHCH0239	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	02/26/69-12/02/69	0	11	
CHCH0248	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	11/21/73-12/20/73	0	3	
CHCH0251	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/23/73-12/04/73	0	13	
CHCH0252	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	02/26/73-02/26/73	0	1	
CHCH0264	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	02/26/69-12/02/69	0	11	
CHCH0286	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/02/72-09/20/79	7	82	
CHCH0287	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/01/72-01/01/85	12	144	
CHCH0295	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	11/21/73-12/20/73	0	3	
CHCH0296	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	02/26/69-12/02/69	0	11	
CHCH0308	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	09/07/67-09/07/67	0	1	
CHCH0310	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	09/07/67-12/05/73	6	24	
CHCH0317	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/17/79-09/20/79	0	7	
CHCH0329	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/01/72-08/29/77	5	35	
CHCH0335	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/24/73-09/20/79	6	30	
CHCH0342	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	02/26/69-12/04/73	4	25	
CHCH0347	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/23/73-12/05/73	0	13	
CHCH0371	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	04/21/69-04/21/69	0	1	
CHCH0392	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	09/07/67-09/07/67	0	1	
CHCH0401	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/23/73-12/05/73	0	13	
CHCH0409	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/23/73-06/19/80	7	69	
CHCH0413	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/23/73-12/04/73	0	24	
CHCH0418	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/01/72-06/03/75	2	28	
CHCH0428	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	11/23/60-11/15/62	1	41	
CHCH0433	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	07/12/60-12/04/73	13	60	
CHCH0443	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/02/72-09/21/79	7	52	
CHCH0445	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/23/73-12/05/73	0	45	
CHCH0448	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	09/07/67-09/07/67	0	1	
CHCH0455	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	05/25/65-05/27/65	0	3	
CHCH0457	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/24/73-12/07/76	3	30	
CHCH0054	No	00417	ALKALINITY,FIXED ENDPOINT TITRATION, USGS LAB MG/L	10/27/87-07/13/95	7	49	
CHCH0065	No	00417	ALKALINITY,FIXED ENDPOINT TITRATION, USGS LAB MG/L	11/23/87-02/22/94	6	38	
CHCH0088	No	00417	ALKALINITY,FIXED ENDPOINT TITRATION, USGS LAB MG/L	11/22/94-07/13/95	0	8	
CHCH0416	No	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	10/21/74-09/15/75	0	11	
CHCH0427	No	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	04/01/87-09/19/89	2	57	
CHCH0443	No	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	07/24/85-08/11/92	7	32	
CHCH0006	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	09/07/76-04/21/77	0	2	
CHCH0007	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	08/31/76-08/31/76	0	1	
CHCH0008	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	04/25/79-09/02/81	2	5	
CHCH0010	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	04/24/79-08/21/79	0	3	
CHCH0017	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	04/25/79-09/01/81	2	6	
CHCH0021	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	08/26/76-10/20/81	5	7	
CHCH0024	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	07/17/81-07/17/81	0	1	
CHCH0037	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	08/26/76-08/22/79	2	5	
CHCH0047	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	08/26/76-04/15/81	4	7	
CHCH0059	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	04/24/79-01/14/81	1	10	
CHCH0062	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	02/27/73-03/07/73	0	7	
CHCH0071	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	02/27/73-03/07/73	0	6	
CHCH0081	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	02/27/73-03/07/73	0	6	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0087	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	02/27/73-03/07/73	0	7	
CHCH0102	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	02/27/73-03/07/73	0	7	
CHCH0106	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	02/27/73-03/07/73	0	7	
CHCH0113	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	02/27/73-03/07/73	0	8	
CHCH0138	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	02/27/73-03/07/73	0	7	
CHCH0144	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	02/27/73-03/07/73	0	7	
CHCH0162	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	02/27/73-03/07/73	0	7	
CHCH0170	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	02/27/73-03/07/73	0	7	
CHCH0185	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	02/27/73-03/07/73	0	7	
CHCH0186	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	02/27/73-03/07/73	0	7	
CHCH0192	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	02/27/73-03/07/73	0	7	
CHCH0194	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	02/27/73-03/07/73	0	7	
CHCH0196	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	02/27/73-03/07/73	0	7	
CHCH0213	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	02/27/73-03/07/73	0	7	
CHCH0222	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	06/19/72-06/23/72	0	5	
CHCH0300	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	06/20/72-06/24/72	0	5	
CHCH0330	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	06/19/72-06/19/72	0	1	
CHCH0365	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	06/20/72-06/24/72	0	5	
CHCH0378	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	06/20/72-06/24/72	0	5	
CHCH0379	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	06/19/72-06/22/72	0	4	
CHCH0075	No	00437	ACIDITY, CO2 (PHENOLPHTHALEIN) (MG/L AS CACO3)	05/11/65-06/03/65	0	10	
CHCH0084	No	00437	ACIDITY, CO2 (PHENOLPHTHALEIN) (MG/L AS CACO3)	06/02/64-06/11/64	0	7	
CHCH0099	No	00437	ACIDITY, CO2 (PHENOLPHTHALEIN) (MG/L AS CACO3)	05/02/60-05/04/60	0	3	
CHCH0101	No	00437	ACIDITY, CO2 (PHENOLPHTHALEIN) (MG/L AS CACO3)	06/02/64-06/11/64	0	8	
CHCH0114	No	00437	ACIDITY, CO2 (PHENOLPHTHALEIN) (MG/L AS CACO3)	05/03/60-05/06/60	0	3	
CHCH0134	No	00437	ACIDITY, CO2 (PHENOLPHTHALEIN) (MG/L AS CACO3)	06/02/64-06/11/64	0	4	
CHCH0181	No	00437	ACIDITY, CO2 (PHENOLPHTHALEIN) (MG/L AS CACO3)	06/02/64-06/11/64	0	8	
CHCH0197	No	00437	ACIDITY, CO2 (PHENOLPHTHALEIN) (MG/L AS CACO3)	06/02/64-06/10/64	0	6	
CHCH0287	No	00437	ACIDITY, CO2 (PHENOLPHTHALEIN) (MG/L AS CACO3)	08/01/72-01/01/85	12	144	
CHCH0329	No	00437	ACIDITY, CO2 (PHENOLPHTHALEIN) (MG/L AS CACO3)	08/01/72-08/29/77	5	37	
CHCH0418	No	00437	ACIDITY, CO2 (PHENOLPHTHALEIN) (MG/L AS CACO3)	08/01/72-06/03/75	2	30	
CHCH0428	No	00437	ACIDITY, CO2 (PHENOLPHTHALEIN) (MG/L AS CACO3)	11/23/60-11/15/62	1	35	
CHCH0455	No	00437	ACIDITY, CO2 (PHENOLPHTHALEIN) (MG/L AS CACO3)	05/25/65-05/27/65	0	3	
CHCH0006	No	00440	BICARBONATE ION (MG/L AS HCO3)	09/07/76-04/21/77	0	2	
CHCH0007	No	00440	BICARBONATE ION (MG/L AS HCO3)	08/31/76-08/31/76	0	1	
CHCH0021	No	00440	BICARBONATE ION (MG/L AS HCO3)	08/26/76-04/21/77	0	2	
CHCH0032	No	00440	BICARBONATE ION (MG/L AS HCO3)	05/23/58-06/25/74	16	2	
CHCH0037	No	00440	BICARBONATE ION (MG/L AS HCO3)	08/26/76-04/28/77	0	2	
CHCH0047	No	00440	BICARBONATE ION (MG/L AS HCO3)	08/26/76-04/22/77	0	2	
CHCH0059	No	00440	BICARBONATE ION (MG/L AS HCO3)	08/05/66-06/26/74	7	7	
CHCH0149	No	00440	BICARBONATE ION (MG/L AS HCO3)	03/03/58-05/25/65	7	3	
CHCH0348	No	00440	BICARBONATE ION (MG/L AS HCO3)	08/10/67-09/16/68	1	3	
CHCH0416	No	00440	BICARBONATE ION (MG/L AS HCO3)	10/19/76-08/23/77	0	10	
CHCH0006	No	00445	CARBONATE ION (MG/L AS CO3)	09/07/76-04/21/77	0	2	
CHCH0007	No	00445	CARBONATE ION (MG/L AS CO3)	08/31/76-08/31/76	0	1	
CHCH0021	No	00445	CARBONATE ION (MG/L AS CO3)	08/26/76-04/21/77	0	2	
CHCH0032	No	00445	CARBONATE ION (MG/L AS CO3)	05/23/58-06/25/74	16	2	
CHCH0037	No	00445	CARBONATE ION (MG/L AS CO3)	08/26/76-04/28/77	0	2	
CHCH0047	No	00445	CARBONATE ION (MG/L AS CO3)	08/26/76-04/22/77	0	2	
CHCH0059	No	00445	CARBONATE ION (MG/L AS CO3)	06/26/74-06/26/74	0	1	
CHCH0149	No	00445	CARBONATE ION (MG/L AS CO3)	03/03/58-05/25/65	7	3	
CHCH0348	No	00452	CARBONATE,WATER,DISS,INCR TIT, FIELD, AS CO3, MG/L	07/16/96-02/14/97	0	5	
CHCH0348	No	00453	BICARBONATE,WATER,DISS,INCR TIT,FIELD,AS HCO3,MG/L	05/28/96-02/14/97	0	6	
CHCH0089	No	00495	MOISTURE CONTENT (PERCENT OF TOTAL DRY WEIGHT)	03/08/73-03/08/73	0	1	
CHCH0170	No	00495	MOISTURE CONTENT (PERCENT OF TOTAL DRY WEIGHT)	03/08/73-03/08/73	0	1	
CHCH0004	No	00500	RESIDUE, TOTAL (MG/L)	09/06/67-12/01/69	2	14	
CHCH0005	No	00500	RESIDUE, TOTAL (MG/L)	02/25/69-12/01/69	0	11	
CHCH0014	No	00500	RESIDUE, TOTAL (MG/L)	04/22/69-04/22/69	0	1	
CHCH0015	No	00500	RESIDUE, TOTAL (MG/L)	01/28/69-12/03/69	0	12	
CHCH0016	No	00500	RESIDUE, TOTAL (MG/L)	09/06/67-10/13/67	0	2	
CHCH0020	No	00500	RESIDUE, TOTAL (MG/L)	02/25/69-12/04/69	0	11	
CHCH0023	No	00500	RESIDUE, TOTAL (MG/L)	02/25/69-12/01/69	0	11	
CHCH0026	No	00500	RESIDUE, TOTAL (MG/L)	02/25/69-12/04/69	0	11	
CHCH0028	No	00500	RESIDUE, TOTAL (MG/L)	09/06/67-10/13/67	0	2	
CHCH0030	No	00500	RESIDUE, TOTAL (MG/L)	09/06/67-10/13/67	0	2	
CHCH0038	No	00500	RESIDUE, TOTAL (MG/L)	01/27/69-12/03/69	0	11	
CHCH0040	No	00500	RESIDUE, TOTAL (MG/L)	09/06/67-10/13/67	0	2	
CHCH0043	No	00500	RESIDUE, TOTAL (MG/L)	02/26/69-12/02/69	0	11	
CHCH0045	No	00500	RESIDUE, TOTAL (MG/L)	09/07/67-10/11/67	0	2	
CHCH0046	No	00500	RESIDUE, TOTAL (MG/L)	09/07/67-10/11/67	0	2	
CHCH0050	No	00500	RESIDUE, TOTAL (MG/L)	09/07/67-10/11/67	0	2	
CHCH0051	No	00500	RESIDUE, TOTAL (MG/L)	09/06/67-10/13/67	0	2	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0053	No	00500	RESIDUE, TOTAL (MG/L)	09/06/67-12/01/69	2	14	
CHCH0055	No	00500	RESIDUE, TOTAL (MG/L)	02/15/88-11/07/89	1	11	
CHCH0058	No	00500	RESIDUE, TOTAL (MG/L)	09/07/67-10/11/67	0	2	
CHCH0064	No	00500	RESIDUE, TOTAL (MG/L)	09/06/67-12/04/69	2	13	
CHCH0066	No	00500	RESIDUE, TOTAL (MG/L)	07/28/87-07/28/87	0	1	
CHCH0069	No	00500	RESIDUE, TOTAL (MG/L)	03/06/73-03/06/73	0	1	
CHCH0070	No	00500	RESIDUE, TOTAL (MG/L)	09/28/67-09/28/67	0	1	
CHCH0073	No	00500	RESIDUE, TOTAL (MG/L)	03/06/73-03/06/73	0	1	
CHCH0074	No	00500	RESIDUE, TOTAL (MG/L)	03/05/73-03/07/73	0	3	
CHCH0076	No	00500	RESIDUE, TOTAL (MG/L)	09/07/67-12/03/69	2	14	
CHCH0077	No	00500	RESIDUE, TOTAL (MG/L)	11/16/83-11/07/89	5	58	
CHCH0079	No	00500	RESIDUE, TOTAL (MG/L)	09/07/67-10/11/67	0	2	
CHCH0080	No	00500	RESIDUE, TOTAL (MG/L)	11/16/83-11/07/89	5	57	
CHCH0083	No	00500	RESIDUE, TOTAL (MG/L)	09/07/67-10/11/67	0	2	
CHCH0087	No	00500	RESIDUE, TOTAL (MG/L)	02/27/73-03/07/73	0	7	
CHCH0094	No	00500	RESIDUE, TOTAL (MG/L)	03/01/73-03/02/73	0	2	
CHCH0099	No	00500	RESIDUE, TOTAL (MG/L)	05/02/60-05/04/60	0	3	
CHCH0100	No	00500	RESIDUE, TOTAL (MG/L)	03/05/73-03/07/73	0	3	
CHCH0105	No	00500	RESIDUE, TOTAL (MG/L)	09/07/67-10/11/67	0	2	
CHCH0106	No	00500	RESIDUE, TOTAL (MG/L)	02/27/73-03/07/73	0	7	
CHCH0108	No	00500	RESIDUE, TOTAL (MG/L)	03/01/73-03/07/73	0	3	
CHCH0109	No	00500	RESIDUE, TOTAL (MG/L)	03/01/73-03/02/73	0	2	
CHCH0110	No	00500	RESIDUE, TOTAL (MG/L)	03/01/73-03/02/73	0	2	
CHCH0113	No	00500	RESIDUE, TOTAL (MG/L)	02/27/73-03/07/73	0	8	
CHCH0114	No	00500	RESIDUE, TOTAL (MG/L)	05/03/60-05/06/60	0	3	
CHCH0116	No	00500	RESIDUE, TOTAL (MG/L)	03/01/73-03/02/73	0	2	
CHCH0117	No	00500	RESIDUE, TOTAL (MG/L)	03/01/73-03/02/73	0	2	
CHCH0118	No	00500	RESIDUE, TOTAL (MG/L)	03/01/73-03/02/73	0	2	
CHCH0119	No	00500	RESIDUE, TOTAL (MG/L)	03/06/73-03/08/73	0	3	
CHCH0120	No	00500	RESIDUE, TOTAL (MG/L)	02/28/73-03/01/73	0	2	
CHCH0123	No	00500	RESIDUE, TOTAL (MG/L)	02/28/73-03/01/73	0	2	
CHCH0126	No	00500	RESIDUE, TOTAL (MG/L)	02/26/69-12/02/69	0	11	
CHCH0128	No	00500	RESIDUE, TOTAL (MG/L)	03/06/73-03/08/73	0	3	
CHCH0129	No	00500	RESIDUE, TOTAL (MG/L)	09/06/67-10/13/67	0	2	
CHCH0131	No	00500	RESIDUE, TOTAL (MG/L)	03/06/73-03/08/73	0	3	
CHCH0132	No	00500	RESIDUE, TOTAL (MG/L)	03/06/73-03/08/73	0	3	
CHCH0140	No	00500	RESIDUE, TOTAL (MG/L)	03/06/73-03/08/73	0	3	
CHCH0146	No	00500	RESIDUE, TOTAL (MG/L)	02/28/73-03/01/73	0	2	
CHCH0151	No	00500	RESIDUE, TOTAL (MG/L)	09/06/67-11/10/80	13	14	
CHCH0163	No	00500	RESIDUE, TOTAL (MG/L)	09/07/67-09/07/67	0	1	
CHCH0168	No	00500	RESIDUE, TOTAL (MG/L)	02/28/73-03/01/73	0	2	
CHCH0169	No	00500	RESIDUE, TOTAL (MG/L)	09/07/67-10/11/67	0	2	
CHCH0170	No	00500	RESIDUE, TOTAL (MG/L)	02/27/73-03/07/73	0	7	
CHCH0180	No	00500	RESIDUE, TOTAL (MG/L)	09/07/67-10/11/67	0	2	
CHCH0182	No	00500	RESIDUE, TOTAL (MG/L)	09/07/67-10/11/67	0	2	
CHCH0183	No	00500	RESIDUE, TOTAL (MG/L)	09/07/67-10/11/67	0	2	
CHCH0185	No	00500	RESIDUE, TOTAL (MG/L)	02/27/73-03/07/73	0	7	
CHCH0190	No	00500	RESIDUE, TOTAL (MG/L)	09/07/67-09/07/67	0	1	
CHCH0191	No	00500	RESIDUE, TOTAL (MG/L)	09/07/67-09/07/67	0	2	
CHCH0192	No	00500	RESIDUE, TOTAL (MG/L)	02/27/73-03/07/73	0	7	
CHCH0195	No	00500	RESIDUE, TOTAL (MG/L)	09/07/67-10/11/67	0	2	
CHCH0199	No	00500	RESIDUE, TOTAL (MG/L)	05/24/73-05/24/73	0	1	
CHCH0200	No	00500	RESIDUE, TOTAL (MG/L)	05/24/73-05/24/73	0	1	
CHCH0201	No	00500	RESIDUE, TOTAL (MG/L)	05/24/73-05/24/73	0	1	
CHCH0211	No	00500	RESIDUE, TOTAL (MG/L)	03/07/73-03/08/73	0	2	
CHCH0214	No	00500	RESIDUE, TOTAL (MG/L)	03/07/73-03/08/73	0	2	
CHCH0216	No	00500	RESIDUE, TOTAL (MG/L)	09/06/67-10/13/67	0	2	
CHCH0217	No	00500	RESIDUE, TOTAL (MG/L)	02/28/73-03/01/73	0	2	
CHCH0218	No	00500	RESIDUE, TOTAL (MG/L)	02/28/73-02/28/73	0	1	
CHCH0219	No	00500	RESIDUE, TOTAL (MG/L)	02/28/73-03/01/73	0	2	
CHCH0222	No	00500	RESIDUE, TOTAL (MG/L)	06/19/72-06/23/72	0	5	
CHCH0223	No	00500	RESIDUE, TOTAL (MG/L)	03/07/73-03/08/73	0	2	
CHCH0228	No	00500	RESIDUE, TOTAL (MG/L)	03/07/73-03/08/73	0	2	
CHCH0233	No	00500	RESIDUE, TOTAL (MG/L)	09/06/67-11/03/69	2	3	
CHCH0235	No	00500	RESIDUE, TOTAL (MG/L)	06/20/72-06/24/72	0	5	
CHCH0237	No	00500	RESIDUE, TOTAL (MG/L)	09/07/67-09/07/67	0	1	
CHCH0239	No	00500	RESIDUE, TOTAL (MG/L)	09/06/67-11/03/69	2	3	
CHCH0249	No	00500	RESIDUE, TOTAL (MG/L)	06/20/72-06/23/72	0	4	
CHCH0250	No	00500	RESIDUE, TOTAL (MG/L)	03/01/73-03/06/73	0	3	
CHCH0253	No	00500	RESIDUE, TOTAL (MG/L)	09/06/67-10/13/67	0	2	
CHCH0254	No	00500	RESIDUE, TOTAL (MG/L)	06/19/72-06/23/72	0	5	
CHCH0259	No	00500	RESIDUE, TOTAL (MG/L)	03/07/73-03/07/73	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0261	No	00500	RESIDUE, TOTAL (MG/L)	06/23/72-06/24/72	0	2	
CHCH0262	No	00500	RESIDUE, TOTAL (MG/L)	03/07/73-03/08/73	0	2	
CHCH0263	No	00500	RESIDUE, TOTAL (MG/L)	06/20/72-06/24/72	0	5	
CHCH0264	No	00500	RESIDUE, TOTAL (MG/L)	11/03/69-11/03/69	0	1	
CHCH0266	No	00500	RESIDUE, TOTAL (MG/L)	11/28/72-01/03/73	0	45	
CHCH0267	No	00500	RESIDUE, TOTAL (MG/L)	11/28/72-01/03/73	0	45	
CHCH0287	No	00500	RESIDUE, TOTAL (MG/L)	08/01/72-01/01/85	12	144	
CHCH0292	No	00500	RESIDUE, TOTAL (MG/L)	06/20/72-06/24/72	0	5	
CHCH0293	No	00500	RESIDUE, TOTAL (MG/L)	06/20/72-06/24/72	0	5	
CHCH0296	No	00500	RESIDUE, TOTAL (MG/L)	11/03/69-11/03/69	0	1	
CHCH0299	No	00500	RESIDUE, TOTAL (MG/L)	05/19/82-05/19/82	0	1	
CHCH0300	No	00500	RESIDUE, TOTAL (MG/L)	06/20/72-06/24/72	0	5	
CHCH0303	No	00500	RESIDUE, TOTAL (MG/L)	03/07/73-03/08/73	0	2	
CHCH0304	No	00500	RESIDUE, TOTAL (MG/L)	03/06/73-03/08/73	0	3	
CHCH0305	No	00500	RESIDUE, TOTAL (MG/L)	03/06/73-03/08/73	0	4	
CHCH0306	No	00500	RESIDUE, TOTAL (MG/L)	03/06/73-03/08/73	0	3	
CHCH0308	No	00500	RESIDUE, TOTAL (MG/L)	09/07/67-09/07/67	0	1	
CHCH0310	No	00500	RESIDUE, TOTAL (MG/L)	09/07/67-09/07/67	0	1	
CHCH0311	No	00500	RESIDUE, TOTAL (MG/L)	06/23/72-06/24/72	0	2	
CHCH0312	No	00500	RESIDUE, TOTAL (MG/L)	06/21/72-06/24/72	0	4	
CHCH0316	No	00500	RESIDUE, TOTAL (MG/L)	02/14/77-02/14/77	0	1	
CHCH0322	No	00500	RESIDUE, TOTAL (MG/L)	06/24/72-06/24/72	0	1	
CHCH0329	No	00500	RESIDUE, TOTAL (MG/L)	08/01/72-08/29/77	5	56	
CHCH0330	No	00500	RESIDUE, TOTAL (MG/L)	06/19/72-06/22/72	0	4	
CHCH0331	No	00500	RESIDUE, TOTAL (MG/L)	06/24/72-06/24/72	0	1	
CHCH0342	No	00500	RESIDUE, TOTAL (MG/L)	09/06/67-12/02/69	2	13	
CHCH0343	No	00500	RESIDUE, TOTAL (MG/L)	06/20/72-06/24/72	0	5	
CHCH0346	No	00500	RESIDUE, TOTAL (MG/L)	06/23/72-06/23/72	0	1	
CHCH0354	No	00500	RESIDUE, TOTAL (MG/L)	05/19/82-05/19/82	0	1	
CHCH0358	No	00500	RESIDUE, TOTAL (MG/L)	06/23/72-06/24/72	0	2	
CHCH0362	No	00500	RESIDUE, TOTAL (MG/L)	06/19/72-06/23/72	0	5	
CHCH0363	No	00500	RESIDUE, TOTAL (MG/L)	06/20/72-06/24/72	0	5	
CHCH0365	No	00500	RESIDUE, TOTAL (MG/L)	06/20/72-06/24/72	0	5	
CHCH0368	No	00500	RESIDUE, TOTAL (MG/L)	06/19/72-06/23/72	0	5	
CHCH0369	No	00500	RESIDUE, TOTAL (MG/L)	06/20/72-06/24/72	0	5	
CHCH0371	No	00500	RESIDUE, TOTAL (MG/L)	09/07/67-09/07/67	0	1	
CHCH0378	No	00500	RESIDUE, TOTAL (MG/L)	06/20/72-06/24/72	0	5	
CHCH0379	No	00500	RESIDUE, TOTAL (MG/L)	06/19/72-06/21/72	0	3	
CHCH0390	No	00500	RESIDUE, TOTAL (MG/L)	03/08/73-03/08/73	0	1	
CHCH0392	No	00500	RESIDUE, TOTAL (MG/L)	09/07/67-09/07/67	0	1	
CHCH0418	No	00500	RESIDUE, TOTAL (MG/L)	08/01/72-06/03/75	2	30	
CHCH0428	No	00500	RESIDUE, TOTAL (MG/L)	11/23/60-11/15/62	1	42	
CHCH0429	No	00500	RESIDUE, TOTAL (MG/L)	06/19/72-06/23/72	0	4	
CHCH0433	No	00500	RESIDUE, TOTAL (MG/L)	07/12/60-06/14/61	0	25	
CHCH0448	No	00500	RESIDUE, TOTAL (MG/L)	09/07/67-09/07/67	0	1	
CHCH0069	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/06/73-03/06/73	0	1	
CHCH0073	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/06/73-03/06/73	0	1	
CHCH0074	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/05/73-03/07/73	0	3	
CHCH0087	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	02/27/73-03/07/73	0	6	
CHCH0094	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/01/73-03/02/73	0	2	
CHCH0100	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/05/73-03/07/73	0	3	
CHCH0106	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	02/27/73-03/07/73	0	7	
CHCH0108	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/01/73-03/07/73	0	3	
CHCH0109	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/01/73-03/02/73	0	2	
CHCH0110	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/01/73-03/02/73	0	2	
CHCH0113	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	02/27/73-03/07/73	0	8	
CHCH0116	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/01/73-03/02/73	0	2	
CHCH0117	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/01/73-03/02/73	0	2	
CHCH0118	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/01/73-03/02/73	0	2	
CHCH0119	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/06/73-03/08/73	0	3	
CHCH0120	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	02/28/73-03/01/73	0	2	
CHCH0123	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	02/28/73-03/01/73	0	2	
CHCH0128	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/06/73-03/08/73	0	3	
CHCH0131	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/06/73-03/08/73	0	3	
CHCH0132	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/06/73-03/08/73	0	3	
CHCH0140	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/06/73-03/08/73	0	3	
CHCH0146	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	02/28/73-03/01/73	0	2	
CHCH0168	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	02/28/73-03/01/73	0	2	
CHCH0170	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	02/27/73-03/07/73	0	7	
CHCH0185	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	02/27/73-03/07/73	0	7	
CHCH0192	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	02/27/73-03/07/73	0	7	
CHCH0199	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	05/24/73-05/24/73	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0200	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	05/24/73-05/24/73	0	1	
CHCH0201	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	05/24/73-05/24/73	0	1	
CHCH0211	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/07/73-03/08/73	0	2	
CHCH0214	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/07/73-03/08/73	0	2	
CHCH0217	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	02/28/73-03/01/73	0	2	
CHCH0218	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	02/28/73-02/28/73	0	1	
CHCH0219	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	02/28/73-03/01/73	0	2	
CHCH0223	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/07/73-03/08/73	0	2	
CHCH0228	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/07/73-03/08/73	0	2	
CHCH0250	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/01/73-03/06/73	0	3	
CHCH0259	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/07/73-03/07/73	0	1	
CHCH0262	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/07/73-03/08/73	0	2	
CHCH0303	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/07/73-03/08/73	0	2	
CHCH0304	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/06/73-03/08/73	0	3	
CHCH0305	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/06/73-03/08/73	0	4	
CHCH0306	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/06/73-03/08/73	0	3	
CHCH0390	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/08/73-03/08/73	0	1	
CHCH0004	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/06/67-12/01/69	2	14	
CHCH0005	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	02/25/69-12/01/69	0	11	
CHCH0014	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	04/22/69-04/22/69	0	1	
CHCH0015	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/28/69-12/03/69	0	12	
CHCH0016	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/06/67-10/13/67	0	2	
CHCH0020	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	02/25/69-12/04/69	0	11	
CHCH0023	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	02/25/69-12/01/69	0	11	
CHCH0026	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	02/25/69-12/04/69	0	11	
CHCH0028	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/06/67-10/13/67	0	2	
CHCH0030	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/06/67-10/13/67	0	2	
CHCH0032	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	06/17/71-06/17/71	0	1	
CHCH0038	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/27/69-12/03/69	0	11	
CHCH0040	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/06/67-10/13/67	0	2	
CHCH0043	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	02/26/69-12/02/69	0	11	
CHCH0045	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/07/67-10/11/67	0	2	
CHCH0046	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/07/67-10/11/67	0	2	
CHCH0050	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/07/67-10/11/67	0	2	
CHCH0051	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/06/67-10/13/67	0	2	
CHCH0053	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/06/67-12/01/69	2	14	
CHCH0058	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/07/67-10/11/67	0	2	
CHCH0059	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	06/17/71-06/17/71	0	1	
CHCH0064	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/06/67-12/04/69	2	13	
CHCH0069	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/06/73-03/06/73	0	1	
CHCH0070	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/28/67-09/28/67	0	1	
CHCH0073	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/06/73-03/06/73	0	1	
CHCH0074	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/05/73-03/07/73	0	3	
CHCH0076	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/07/67-12/03/69	2	14	
CHCH0079	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/07/67-10/11/67	0	2	
CHCH0082	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	07/14/82-07/15/82	0	2	
CHCH0083	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/07/67-10/11/67	0	2	
CHCH0087	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	02/27/73-03/07/73	0	7	
CHCH0092	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	07/14/82-07/15/82	0	2	
CHCH0094	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/01/73-03/02/73	0	2	
CHCH0100	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/05/73-03/07/73	0	3	
CHCH0104	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	07/14/82-07/15/82	0	2	
CHCH0105	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/07/67-10/11/67	0	2	
CHCH0106	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	02/27/73-03/07/73	0	7	
CHCH0108	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/01/73-03/07/73	0	3	
CHCH0109	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/01/73-03/02/73	0	2	
CHCH0110	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/01/73-03/02/73	0	2	
CHCH0113	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	02/27/73-03/07/73	0	8	
CHCH0116	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/01/73-03/02/73	0	2	
CHCH0117	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/01/73-03/02/73	0	2	
CHCH0118	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/01/73-03/02/73	0	2	
CHCH0119	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/06/73-03/08/73	0	3	
CHCH0120	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	02/28/73-03/01/73	0	2	
CHCH0121	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	07/14/82-07/15/82	0	2	
CHCH0123	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	02/28/73-03/01/73	0	2	
CHCH0125	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	07/14/82-07/15/82	0	2	
CHCH0126	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	02/26/69-12/02/69	0	11	
CHCH0127	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	07/14/82-07/15/82	0	2	
CHCH0128	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/06/73-03/08/73	0	3	
CHCH0129	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/06/67-10/13/67	0	2	
CHCH0131	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/06/73-03/08/73	0	3	
CHCH0132	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/06/73-03/08/73	0	3	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0136	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	07/14/82-07/15/82	0	2	
CHCH0140	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/06/73-03/08/73	0	3	
CHCH0142	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	07/14/82-07/15/82	0	2	
CHCH0146	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	02/28/73-03/01/73	0	2	
CHCH0151	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/06/67-12/02/69	2	13	
CHCH0157	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	07/14/82-07/15/82	0	2	
CHCH0158	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	07/14/82-07/15/82	0	2	
CHCH0160	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	07/14/82-07/15/82	0	2	
CHCH0163	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/07/67-09/07/67	0	1	
CHCH0164	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	07/14/82-07/15/82	0	2	
CHCH0168	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	02/28/73-03/01/73	0	2	
CHCH0169	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/07/67-10/24/73	6	13	
CHCH0170	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	02/27/73-03/07/73	0	7	
CHCH0177	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	06/20/94-06/20/94	0	1	
CHCH0178	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/24/73-10/24/73	0	11	
CHCH0180	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/07/67-10/11/67	0	2	
CHCH0182	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/07/67-10/11/67	0	2	
CHCH0183	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/07/67-10/11/67	0	2	
CHCH0184	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	07/14/82-07/15/82	0	2	
CHCH0185	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	02/27/73-03/07/73	0	7	
CHCH0190	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/07/67-09/07/67	0	1	
CHCH0191	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/07/67-09/07/67	0	2	
CHCH0192	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	02/27/73-03/07/73	0	7	
CHCH0195	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/07/67-10/11/67	0	2	
CHCH0199	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	05/24/73-05/24/73	0	1	
CHCH0200	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	05/24/73-05/24/73	0	1	
CHCH0201	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	05/24/73-05/24/73	0	1	
CHCH0211	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/07/73-03/08/73	0	2	
CHCH0214	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/07/73-03/08/73	0	2	
CHCH0216	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/06/67-10/13/67	0	2	
CHCH0217	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	02/28/73-03/01/73	0	2	
CHCH0218	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	02/28/73-02/28/73	0	1	
CHCH0219	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	02/28/73-03/01/73	0	2	
CHCH0222	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	06/19/72-06/23/72	0	5	
CHCH0223	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/07/73-03/08/73	0	2	
CHCH0226	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/23/73-10/23/73	0	20	
CHCH0228	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/07/73-03/08/73	0	2	
CHCH0233	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/06/67-11/03/69	2	3	
CHCH0235	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	06/20/72-06/24/72	0	5	
CHCH0237	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/07/67-09/07/67	0	1	
CHCH0239	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/06/67-11/03/69	2	3	
CHCH0249	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	06/20/72-06/23/72	0	4	
CHCH0250	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/01/73-03/06/73	0	3	
CHCH0251	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/23/73-10/23/73	0	10	
CHCH0252	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	02/26/73-02/26/73	0	1	
CHCH0253	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/06/67-10/13/67	0	2	
CHCH0254	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	06/19/72-06/23/72	0	5	
CHCH0259	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/07/73-03/07/73	0	1	
CHCH0261	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	06/23/72-06/24/72	0	2	
CHCH0262	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/07/73-03/08/73	0	2	
CHCH0263	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	06/20/72-06/24/72	0	5	
CHCH0264	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	11/03/69-11/03/69	0	1	
CHCH0266	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	11/28/72-01/03/73	0	45	
CHCH0267	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	11/28/72-01/03/73	0	45	
CHCH0273	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/26/58-05/29/68	10	329	
CHCH0286	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/23/73-10/23/73	0	54	
CHCH0287	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	08/01/72-01/01/85	12	143	
CHCH0292	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	06/20/72-06/24/72	0	5	
CHCH0293	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	06/20/72-06/24/72	0	5	
CHCH0296	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	11/03/69-11/03/69	0	1	
CHCH0300	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	06/20/72-06/24/72	0	5	
CHCH0303	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/07/73-03/08/73	0	2	
CHCH0304	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/06/73-03/08/73	0	3	
CHCH0305	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/06/73-03/08/73	0	4	
CHCH0306	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/06/73-03/08/73	0	3	
CHCH0308	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/07/67-09/07/67	0	1	
CHCH0310	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/07/67-10/24/73	6	21	
CHCH0311	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	06/23/72-06/24/72	0	2	
CHCH0312	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	06/21/72-06/24/72	0	4	
CHCH0316	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	02/14/77-02/14/77	0	1	
CHCH0322	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	06/24/72-06/24/72	0	1	
CHCH0329	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	08/01/72-08/29/77	5	56	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0330	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	06/19/72-06/22/72	0	4	
CHCH0331	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	06/24/72-06/24/72	0	1	
CHCH0335	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/24/73-10/24/73	0	11	
CHCH0342	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/06/67-10/23/73	6	24	
CHCH0343	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	06/20/72-06/24/72	0	5	
CHCH0346	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	06/23/72-06/23/72	0	1	
CHCH0347	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/23/73-10/24/73	0	11	
CHCH0354	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	10/19/93-10/19/93	0	1	
CHCH0358	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	06/23/72-06/24/72	0	2	
CHCH0362	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	06/19/72-06/23/72	0	5	
CHCH0363	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	06/20/72-06/24/72	0	5	
CHCH0365	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	06/20/72-06/24/72	0	5	
CHCH0368	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	06/19/72-06/23/72	0	5	
CHCH0369	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	06/20/72-06/24/72	0	5	
CHCH0371	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/07/67-09/07/67	0	1	
CHCH0378	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	06/20/72-06/24/72	0	5	
CHCH0379	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	06/19/72-06/21/72	0	3	
CHCH0390	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/08/73-03/08/73	0	1	
CHCH0392	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/07/67-09/07/67	0	1	
CHCH0401	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/23/73-10/24/73	0	10	
CHCH0409	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/23/73-10/23/73	0	9	
CHCH0413	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/23/73-10/23/73	0	19	
CHCH0418	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	08/01/72-06/03/75	2	30	
CHCH0428	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	11/23/60-11/15/62	1	41	
CHCH0429	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	06/19/72-06/23/72	0	4	
CHCH0433	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	07/12/60-10/23/73	13	54	
CHCH0445	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/23/73-10/24/73	0	37	
CHCH0448	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/07/67-09/07/67	0	1	
CHCH0457	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/24/73-10/23/73	0	12	
CHCH0199	No	00520	RESIDUE, VOLATILE FILTRABLE (MG/L)	05/24/73-05/24/73	0	1	
CHCH0200	No	00520	RESIDUE, VOLATILE FILTRABLE (MG/L)	05/24/73-05/24/73	0	1	
CHCH0201	No	00520	RESIDUE, VOLATILE FILTRABLE (MG/L)	05/24/73-05/24/73	0	1	
CHCH0024	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/17/81-07/17/81	0	1	
CHCH0032	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/17/71-06/17/71	0	1	
CHCH0054	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/19/77-07/13/95	17	168	
CHCH0055	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/25/73-12/14/98	25	117	T,S
CHCH0059	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/17/71-06/17/71	0	1	
CHCH0065	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/28/90-03/28/90	0	1	
CHCH0066	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/28/87-07/28/87	0	1	
CHCH0069	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/06/73-03/06/73	0	1	
CHCH0073	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/06/73-03/06/73	0	1	
CHCH0074	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/05/73-03/07/73	0	3	
CHCH0075	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/09/64-06/03/65	0	14	
CHCH0077	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/06/82-01/07/97	14	133	
CHCH0080	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/16/83-01/07/97	13	139	
CHCH0082	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/14/82-07/15/82	0	2	
CHCH0084	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/02/64-06/11/64	0	7	
CHCH0087	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/27/73-03/07/73	0	7	
CHCH0088	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/22/94-07/13/95	0	8	
CHCH0092	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/14/82-07/15/82	0	2	
CHCH0094	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/01/73-03/02/73	0	2	
CHCH0099	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/02/60-05/04/60	0	3	
CHCH0100	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/05/73-03/07/73	0	3	
CHCH0101	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/02/64-06/11/64	0	8	
CHCH0104	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/14/82-07/15/82	0	2	
CHCH0106	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/27/73-03/07/73	0	7	
CHCH0108	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/01/73-03/07/73	0	3	
CHCH0109	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/01/73-03/02/73	0	2	
CHCH0110	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/01/73-03/02/73	0	2	
CHCH0113	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/27/73-03/07/73	0	8	
CHCH0114	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/03/60-05/06/60	0	3	
CHCH0116	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/01/73-03/02/73	0	2	
CHCH0117	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/01/73-03/02/73	0	2	
CHCH0118	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/01/73-03/02/73	0	2	
CHCH0119	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/06/73-03/08/73	0	3	
CHCH0120	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/28/73-03/01/73	0	2	
CHCH0121	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/14/82-07/15/82	0	2	
CHCH0123	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/28/73-03/01/73	0	2	
CHCH0125	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/14/82-07/15/82	0	2	
CHCH0127	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/14/82-07/15/82	0	2	
CHCH0128	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/06/73-03/08/73	0	3	
CHCH0131	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/06/73-03/08/73	0	3	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0132	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/06/73-03/08/73	0	3	
CHCH0134	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/02/64-06/11/64	0	4	
CHCH0136	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/14/82-07/15/82	0	2	
CHCH0140	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/06/73-03/08/73	0	3	
CHCH0142	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/14/82-07/15/82	0	2	
CHCH0146	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/28/73-03/01/73	0	2	
CHCH0147	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/10/95-02/23/98	2	6	
CHCH0150	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/23/75-09/14/76	0	13	
CHCH0151	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/76-12/07/76	0	3	
CHCH0157	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/14/82-07/15/82	0	2	
CHCH0158	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/14/82-07/15/82	0	2	
CHCH0159	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/21/92-04/15/93	0	3	
CHCH0160	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/14/82-07/15/82	0	2	
CHCH0164	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/14/82-07/15/82	0	2	
CHCH0168	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/28/73-03/01/73	0	2	
CHCH0169	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/24/73-12/04/73	0	13	
CHCH0170	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/27/73-03/07/73	0	7	
CHCH0177	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/18/82-12/15/98	16	168	
CHCH0178	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/24/73-12/05/73	0	13	
CHCH0181	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/02/64-06/11/64	0	8	
CHCH0184	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/14/82-07/15/82	0	2	
CHCH0185	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/27/73-03/07/73	0	7	
CHCH0192	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/27/73-03/07/73	0	7	
CHCH0197	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/02/64-06/10/64	0	6	
CHCH0199	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/24/73-05/24/73	0	1	
CHCH0200	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/24/73-05/24/73	0	1	
CHCH0201	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/24/73-05/24/73	0	1	
CHCH0208	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/17/79-09/20/79	0	6	
CHCH0211	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/07/73-03/08/73	0	2	
CHCH0214	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/07/73-03/08/73	0	2	
CHCH0217	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/28/73-03/01/73	0	2	
CHCH0218	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/28/73-02/28/73	0	1	
CHCH0219	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/28/73-03/01/73	0	2	
CHCH0222	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/19/72-06/23/72	0	5	
CHCH0223	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/07/73-03/08/73	0	2	
CHCH0225	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/17/79-09/20/79	0	3	
CHCH0226	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/23/73-12/05/73	0	24	
CHCH0228	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/07/73-03/08/73	0	2	
CHCH0235	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/20/72-06/24/72	0	5	
CHCH0245	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/27/92-03/31/93	0	3	
CHCH0249	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/20/72-06/23/72	0	4	
CHCH0250	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/01/73-03/06/73	0	3	
CHCH0251	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/23/73-12/04/73	0	13	
CHCH0252	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/26/73-02/26/73	0	1	
CHCH0254	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/19/72-06/23/72	0	5	
CHCH0259	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/07/73-03/07/73	0	1	
CHCH0261	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/23/72-06/24/72	0	2	
CHCH0262	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/07/73-03/08/73	0	2	
CHCH0263	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/20/72-06/24/72	0	5	
CHCH0266	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/28/72-01/03/73	0	45	
CHCH0267	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/28/72-01/03/73	0	45	
CHCH0273	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/07/59-09/13/66	7	231	
CHCH0276	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/30/92-04/05/93	0	3	
CHCH0286	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/23/73-09/20/79	6	77	
CHCH0287	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/01/72-01/01/85	12	144	
CHCH0292	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/20/72-06/24/72	0	5	
CHCH0293	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/20/72-06/24/72	0	5	
CHCH0299	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/30/77-12/15/98	21	220	T,A
CHCH0300	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/20/72-06/24/72	0	5	
CHCH0303	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/07/73-03/08/73	0	2	
CHCH0304	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/06/73-03/08/73	0	3	
CHCH0305	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/06/73-03/08/73	0	4	
CHCH0306	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/06/73-03/08/73	0	3	
CHCH0310	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/23/73-12/05/73	0	24	
CHCH0311	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/23/72-06/24/72	0	2	
CHCH0312	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/21/72-06/24/72	0	4	
CHCH0315	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/04/77-04/28/77	0	24	
CHCH0316	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/14/77-02/14/77	0	1	
CHCH0317	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/17/79-09/20/79	0	6	
CHCH0322	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/24/72-06/24/72	0	1	
CHCH0326	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/03/92-03/02/93	0	3	
CHCH0329	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/01/72-08/29/77	5	56	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0330	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/19/72-06/22/72	0	4	
CHCH0331	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/24/72-06/24/72	0	1	
CHCH0335	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/24/73-09/20/79	6	26	
CHCH0342	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/24/73-12/04/73	0	14	
CHCH0343	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/20/72-06/24/72	0	5	
CHCH0346	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/23/72-06/23/72	0	1	
CHCH0347	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/23/73-12/05/73	0	13	
CHCH0354	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/30/77-04/07/98	20	111	T
CHCH0358	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/23/72-06/24/72	0	2	
CHCH0362	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/19/72-06/23/72	0	5	
CHCH0363	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/20/72-06/24/72	0	5	
CHCH0365	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/20/72-06/24/72	0	5	
CHCH0368	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/19/72-06/23/72	0	5	
CHCH0369	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/20/72-06/24/72	0	5	
CHCH0378	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/20/72-06/24/72	0	5	
CHCH0379	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/19/72-06/21/72	0	3	
CHCH0390	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/08/73-03/08/73	0	1	
CHCH0401	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/23/73-12/05/73	0	13	
CHCH0409	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/23/73-06/19/80	7	36	
CHCH0413	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/23/73-12/04/73	0	24	
CHCH0416	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/01/74-04/17/80	5	120	
CHCH0418	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/01/72-06/03/75	2	30	
CHCH0427	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/01/87-09/19/89	2	62	
CHCH0428	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/23/60-11/15/62	1	42	
CHCH0429	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/19/72-06/23/72	0	4	
CHCH0433	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/23/73-09/12/94	21	129	T
CHCH0435	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/09/90-09/13/90	0	36	
CHCH0443	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/21/79-09/21/79	0	6	
CHCH0445	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/23/73-12/05/73	0	46	
CHCH0455	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/25/65-05/27/65	0	3	
CHCH0456	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/23/75-09/14/76	0	13	
CHCH0457	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/24/73-12/07/76	3	17	
CHCH0459	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/31/92-03/12/93	0	3	
CHCH0069	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/06/73-03/06/73	0	1	
CHCH0073	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/06/73-03/06/73	0	1	
CHCH0074	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/05/73-03/07/73	0	3	
CHCH0087	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/27/73-03/07/73	0	7	
CHCH0094	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/01/73-03/02/73	0	2	
CHCH0100	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/05/73-03/07/73	0	3	
CHCH0106	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/27/73-03/07/73	0	7	
CHCH0108	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/01/73-03/07/73	0	3	
CHCH0109	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/01/73-03/02/73	0	2	
CHCH0110	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/01/73-03/02/73	0	2	
CHCH0113	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/27/73-03/07/73	0	8	
CHCH0116	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/01/73-03/02/73	0	2	
CHCH0117	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/01/73-03/02/73	0	2	
CHCH0118	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/01/73-03/02/73	0	2	
CHCH0119	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/06/73-03/08/73	0	3	
CHCH0120	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/28/73-03/01/73	0	2	
CHCH0123	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/28/73-03/01/73	0	2	
CHCH0128	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/06/73-03/08/73	0	3	
CHCH0131	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/06/73-03/08/73	0	3	
CHCH0132	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/06/73-03/08/73	0	3	
CHCH0140	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/06/73-03/08/73	0	3	
CHCH0146	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/28/73-03/01/73	0	2	
CHCH0168	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/28/73-03/01/73	0	2	
CHCH0170	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/27/73-03/07/73	0	7	
CHCH0185	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/27/73-03/07/73	0	7	
CHCH0192	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/27/73-03/07/73	0	7	
CHCH0199	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/24/73-05/24/73	0	1	
CHCH0200	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/24/73-05/24/73	0	1	
CHCH0201	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/24/73-05/24/73	0	1	
CHCH0211	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/07/73-03/08/73	0	2	
CHCH0214	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/07/73-03/08/73	0	2	
CHCH0217	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/28/73-03/01/73	0	2	
CHCH0218	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/28/73-02/28/73	0	1	
CHCH0219	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/28/73-03/01/73	0	2	
CHCH0223	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/07/73-03/08/73	0	2	
CHCH0228	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/07/73-03/08/73	0	2	
CHCH0250	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/01/73-03/06/73	0	3	
CHCH0259	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/07/73-03/07/73	0	1	
CHCH0262	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/07/73-03/08/73	0	2	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0266	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	11/28/72-01/03/73	0	45	
CHCH0267	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	11/28/72-01/03/73	0	45	
CHCH0303	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/07/73-03/08/73	0	2	
CHCH0304	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/06/73-03/08/73	0	3	
CHCH0305	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/06/73-03/08/73	0	4	
CHCH0306	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/06/73-03/08/73	0	3	
CHCH0390	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/08/73-03/08/73	0	1	
CHCH0427	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/01/87-09/19/89	2	62	
CHCH0075	No	00545	RESIDUE, SETTLEABLE (ML/L)	06/09/64-06/03/65	0	14	
CHCH0084	No	00545	RESIDUE, SETTLEABLE (ML/L)	06/02/64-06/11/64	0	7	
CHCH0099	No	00545	RESIDUE, SETTLEABLE (ML/L)	05/02/60-05/03/60	0	2	
CHCH0101	No	00545	RESIDUE, SETTLEABLE (ML/L)	06/02/64-06/11/64	0	8	
CHCH0114	No	00545	RESIDUE, SETTLEABLE (ML/L)	05/03/60-05/06/60	0	2	
CHCH0134	No	00545	RESIDUE, SETTLEABLE (ML/L)	06/02/64-06/11/64	0	4	
CHCH0181	No	00545	RESIDUE, SETTLEABLE (ML/L)	06/02/64-06/11/64	0	7	
CHCH0197	No	00545	RESIDUE, SETTLEABLE (ML/L)	06/02/64-06/09/64	0	5	
CHCH0455	No	00545	RESIDUE, SETTLEABLE (ML/L)	05/25/65-05/27/65	0	3	
CHCH0108	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	02/28/73-03/07/73	0	3	
CHCH0109	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	02/28/73-03/01/73	0	2	
CHCH0113	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	02/28/73-03/07/73	0	5	
CHCH0118	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	03/02/73-03/02/73	0	1	
CHCH0119	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	03/06/73-03/07/73	0	2	
CHCH0123	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	02/27/73-03/01/73	0	3	
CHCH0128	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	03/06/73-03/08/73	0	2	
CHCH0131	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	03/06/73-03/08/73	0	2	
CHCH0140	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	03/06/73-03/08/73	0	3	
CHCH0168	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	02/27/73-02/28/73	0	2	
CHCH0170	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	03/01/73-03/07/73	0	3	
CHCH0192	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	03/07/73-03/07/73	0	1	
CHCH0196	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	02/28/73-03/07/73	0	3	
CHCH0199	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	05/24/73-05/24/73	0	1	
CHCH0200	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	05/24/73-05/24/73	0	1	
CHCH0201	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	05/24/73-05/24/73	0	1	
CHCH0235	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	06/22/72-06/22/72	0	1	
CHCH0249	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	06/22/72-06/23/72	0	2	
CHCH0250	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	02/27/73-02/28/73	0	2	
CHCH0254	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	06/20/72-06/23/72	0	4	
CHCH0261	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	06/23/72-06/24/72	0	2	
CHCH0266	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	01/03/73-01/03/73	0	7	
CHCH0267	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	01/03/73-01/03/73	0	7	
CHCH0292	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	06/20/72-06/24/72	0	5	
CHCH0293	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	06/22/72-06/24/72	0	3	
CHCH0311	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	06/23/72-06/24/72	0	2	
CHCH0312	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	06/20/72-06/24/72	0	4	
CHCH0322	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	06/24/72-06/24/72	0	1	
CHCH0346	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	06/23/72-06/23/72	0	1	
CHCH0362	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	06/21/72-06/23/72	0	4	
CHCH0363	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	06/20/72-06/24/72	0	5	
CHCH0368	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	06/20/72-06/23/72	0	5	
CHCH0378	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	06/24/72-06/24/72	0	1	
CHCH0429	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	06/20/72-06/23/72	0	4	
CHCH0055	No	00554	OIL & GREASE, SEDIMENT, % OF DRY WEIGHT %	12/18/84-12/18/84	0	1	
CHCH0159	No	00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	08/21/92-04/15/93	0	3	
CHCH0245	No	00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	07/31/92-03/12/93	0	3	
CHCH0287	No	00572	BIOMASS, PERIPHYTON (GRAMS PER SQUARE METER)	09/30/76-09/29/77	0	2	
CHCH0299	No	00572	BIOMASS, PERIPHYTON (GRAMS PER SQUARE METER)	05/25/78-05/25/78	0	1	
CHCH0316	No	00572	BIOMASS, PERIPHYTON (GRAMS PER SQUARE METER)	09/27/77-09/27/77	0	1	
CHCH0329	No	00572	BIOMASS, PERIPHYTON (GRAMS PER SQUARE METER)	09/30/76-09/29/77	0	2	
CHCH0354	No	00572	BIOMASS, PERIPHYTON (GRAMS PER SQUARE METER)	05/25/78-05/25/78	0	1	
CHCH0418	No	00572	BIOMASS, PERIPHYTON (GRAMS PER SQUARE METER)	09/30/76-09/29/77	0	2	
CHCH0287	No	00573	BIOMASS, PERIPHYTON,DRY WEIGHT TOTAL (G/M2)	09/30/76-09/29/77	0	2	
CHCH0299	No	00573	BIOMASS, PERIPHYTON,DRY WEIGHT TOTAL (G/M2)	05/25/78-05/25/78	0	1	
CHCH0316	No	00573	BIOMASS, PERIPHYTON,DRY WEIGHT TOTAL (G/M2)	09/27/77-09/27/77	0	1	
CHCH0329	No	00573	BIOMASS, PERIPHYTON,DRY WEIGHT TOTAL (G/M2)	09/30/76-09/29/77	0	2	
CHCH0354	No	00573	BIOMASS, PERIPHYTON,DRY WEIGHT TOTAL (G/M2)	05/25/78-05/25/78	0	1	
CHCH0418	No	00573	BIOMASS, PERIPHYTON,DRY WEIGHT TOTAL (G/M2)	09/30/76-09/29/77	0	2	
CHCH0006	No	00600	NITROGEN, TOTAL (MG/L AS N)	09/07/76-04/21/77	0	2	
CHCH0007	No	00600	NITROGEN, TOTAL (MG/L AS N)	08/31/76-08/31/76	0	1	
CHCH0021	No	00600	NITROGEN, TOTAL (MG/L AS N)	08/26/76-04/21/77	0	2	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0032	No	00600	NITROGEN, TOTAL (MG/L AS N)	06/25/74-06/25/74	0	1	
CHCH0037	No	00600	NITROGEN, TOTAL (MG/L AS N)	08/26/76-04/28/77	0	2	
CHCH0047	No	00600	NITROGEN, TOTAL (MG/L AS N)	08/26/76-04/22/77	0	2	
CHCH0054	No	00600	NITROGEN, TOTAL (MG/L AS N)	08/28/79-12/22/82	3	16	
CHCH0059	No	00600	NITROGEN, TOTAL (MG/L AS N)	06/26/74-06/26/74	0	1	
CHCH0151	No	00600	NITROGEN, TOTAL (MG/L AS N)	11/10/80-11/10/80	0	1	
CHCH0329	No	00600	NITROGEN, TOTAL (MG/L AS N)	01/09/74-01/09/74	0	1	
CHCH0002	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	07/30/80-08/29/80	0	2	
CHCH0004	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/28/69-08/29/80	11	14	
CHCH0005	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	02/25/69-12/01/69	0	11	
CHCH0006	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/07/76-04/21/77	0	2	
CHCH0007	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/31/76-08/31/76	0	1	
CHCH0009	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	10/16/72-08/29/80	7	5	
CHCH0013	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	10/16/72-10/17/72	0	4	
CHCH0014	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	10/16/72-08/29/80	7	5	
CHCH0015	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/28/69-12/03/69	0	12	
CHCH0018	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	10/17/72-10/17/72	0	3	
CHCH0019	Yes	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	10/17/72-10/17/72	0	3	
CHCH0020	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	02/25/69-12/04/69	0	11	
CHCH0021	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/26/76-04/21/77	0	2	
CHCH0023	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	02/25/69-12/01/69	0	11	
CHCH0026	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	02/25/69-12/04/69	0	11	
CHCH0027	Yes	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	10/18/72-08/29/80	7	5	
CHCH0032	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	06/25/74-06/25/74	0	1	
CHCH0037	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/26/76-04/28/77	0	2	
CHCH0038	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/27/69-12/03/69	0	11	
CHCH0040	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	10/18/72-08/29/80	7	3	
CHCH0043	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	02/26/69-12/02/69	0	11	
CHCH0047	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/26/76-04/22/77	0	2	
CHCH0053	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/28/69-08/29/80	11	15	
CHCH0054	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/28/79-12/22/82	3	15	
CHCH0058	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/27/69-12/03/69	0	12	
CHCH0059	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	11/22/72-06/26/74	1	6	
CHCH0060	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	06/18/69-06/18/69	0	1	
CHCH0064	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	02/25/69-12/04/69	0	11	
CHCH0070	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/28/67-09/28/67	0	1	
CHCH0072	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	07/30/80-08/29/80	0	2	
CHCH0076	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/27/69-12/03/69	0	12	
CHCH0105	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/07/67-09/07/67	0	1	
CHCH0126	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	02/26/69-12/02/69	0	11	
CHCH0130	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/27/69-12/04/69	0	12	
CHCH0150	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	10/23/75-09/14/76	0	13	
CHCH0151	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/06/67-12/07/76	9	22	
CHCH0169	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/07/67-12/04/73	6	26	
CHCH0178	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/24/73-12/05/73	0	13	
CHCH0180	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/07/67-09/07/67	0	1	
CHCH0182	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/07/67-09/07/67	0	1	
CHCH0183	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/07/67-09/07/67	0	1	
CHCH0190	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/07/67-09/07/67	0	1	
CHCH0191	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/07/67-09/07/67	0	2	
CHCH0195	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/07/67-09/07/67	0	1	
CHCH0208	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	06/30/76-09/20/79	3	15	
CHCH0216	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/06/67-09/26/72	5	10	
CHCH0225	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/17/79-09/20/79	0	3	
CHCH0226	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/23/73-12/05/73	0	24	
CHCH0229	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/25/72-09/26/72	0	7	
CHCH0232	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/25/72-09/26/72	0	3	
CHCH0233	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/06/67-09/26/72	5	14	
CHCH0237	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/07/67-09/07/67	0	1	
CHCH0239	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/06/67-09/26/72	5	22	
CHCH0251	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/23/73-12/04/73	0	13	
CHCH0252	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	02/26/73-02/26/73	0	1	
CHCH0253	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	10/13/67-10/13/67	0	1	
CHCH0264	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	02/26/69-12/02/69	0	11	
CHCH0282	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/25/72-09/27/72	0	3	
CHCH0286	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/23/73-09/20/79	6	77	
CHCH0287	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/01/72-08/01/72	0	1	
CHCH0296	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	02/26/69-12/02/69	0	11	
CHCH0308	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/07/67-09/07/67	0	1	
CHCH0310	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/07/67-12/05/73	6	25	
CHCH0317	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/17/79-09/20/79	0	7	
CHCH0318	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/26/72-09/27/72	0	6	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0329	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/01/72-08/01/72	0	1	
CHCH0335	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/24/73-09/20/79	6	30	
CHCH0342	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/06/67-12/04/73	6	33	
CHCH0347	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/23/73-12/05/73	0	13	
CHCH0371	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/07/67-09/07/67	0	1	
CHCH0392	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/07/67-09/07/67	0	1	
CHCH0401	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/23/73-12/05/73	0	13	
CHCH0409	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/23/73-06/19/80	7	36	
CHCH0413	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/23/73-12/04/73	0	24	
CHCH0416	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	10/01/74-04/17/80	5	122	
CHCH0418	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/01/72-08/01/72	0	1	
CHCH0427	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/01/87-09/19/89	2	62	
CHCH0428	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	11/23/60-11/15/62	1	42	
CHCH0433	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/23/73-08/12/97	24	133	T,S
CHCH0435	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/09/90-09/13/90	0	36	
CHCH0443	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	02/11/76-08/11/92	16	81	
CHCH0445	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/23/73-12/05/73	0	46	
CHCH0448	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/07/67-09/07/67	0	1	
CHCH0456	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	10/23/75-09/14/76	0	13	
CHCH0457	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/24/73-12/07/76	3	17	
CHCH0006	No	00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	09/07/76-04/21/77	0	2	
CHCH0007	No	00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	08/31/76-08/31/76	0	1	
CHCH0021	No	00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	08/26/76-04/21/77	0	2	
CHCH0037	No	00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	08/26/76-04/28/77	0	2	
CHCH0047	No	00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	08/26/76-04/22/77	0	2	
CHCH0006	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/07/76-04/21/77	0	2	
CHCH0007	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/31/76-08/31/76	0	1	
CHCH0021	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/26/76-04/21/77	0	2	
CHCH0032	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/25/74-06/25/74	0	1	
CHCH0037	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/26/76-04/28/77	0	2	
CHCH0047	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/26/76-04/22/77	0	2	
CHCH0059	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/17/71-06/26/74	3	7	
CHCH0159	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/04/93-04/15/93	0	2	
CHCH0245	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	03/31/93-03/31/93	0	1	
CHCH0276	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	02/11/93-04/05/93	0	2	
CHCH0326	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	03/02/93-03/02/93	0	1	
CHCH0348	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/28/96-02/14/97	0	6	
CHCH0459	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	03/12/93-03/12/93	0	1	
CHCH0002	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/30/80-08/29/80	0	2	
CHCH0004	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/28/69-08/29/80	11	14	
CHCH0005	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/25/69-12/01/69	0	11	
CHCH0006	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/07/76-04/21/77	0	2	
CHCH0007	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/31/76-08/31/76	0	1	
CHCH0009	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/16/72-08/29/80	7	5	
CHCH0013	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/16/72-10/17/72	0	4	
CHCH0014	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/16/72-08/29/80	7	5	
CHCH0015	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/28/69-12/03/69	0	12	
CHCH0018	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/17/72-10/17/72	0	3	
CHCH0019	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/17/72-10/17/72	0	3	
CHCH0020	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/25/69-12/04/69	0	11	
CHCH0021	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/26/76-04/21/77	0	2	
CHCH0023	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/25/69-12/01/69	0	11	
CHCH0026	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/25/69-12/04/69	0	11	
CHCH0027	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/18/72-08/29/80	7	5	
CHCH0032	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/17/71-06/25/74	3	2	
CHCH0037	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/26/76-04/28/77	0	2	
CHCH0038	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/27/69-12/03/69	0	11	
CHCH0040	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/18/72-08/29/80	7	3	
CHCH0043	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/26/69-12/02/69	0	11	
CHCH0047	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/26/76-04/22/77	0	2	
CHCH0053	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/28/69-08/29/80	11	15	
CHCH0054	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/20/74-07/13/95	20	199	T
CHCH0055	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/12/73-12/14/98	25	131	T,S
CHCH0058	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/27/69-12/03/69	0	12	
CHCH0059	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/26/74-06/26/74	0	1	
CHCH0060	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/18/69-06/18/69	0	1	
CHCH0062	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/27/73-03/07/73	0	7	
CHCH0064	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/25/69-12/04/69	0	11	
CHCH0065	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/20/74-02/22/94	19	133	T
CHCH0066	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/18/73-02/22/94	20	15	
CHCH0069	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/06/73-03/06/73	0	1	
CHCH0070	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/28/67-09/28/67	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0071	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/27/73-03/07/73	0	7	
CHCH0072	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/30/80-08/29/80	0	2	
CHCH0073	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/06/73-03/06/73	0	1	
CHCH0074	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/05/73-03/07/73	0	3	
CHCH0076	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/27/69-12/03/69	0	12	
CHCH0077	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/06/82-01/07/97	14	135	
CHCH0080	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/16/83-01/07/97	13	145	
CHCH0081	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/27/73-03/07/73	0	7	
CHCH0082	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/14/82-07/14/82	0	1	
CHCH0087	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/27/73-03/07/73	0	7	
CHCH0088	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/22/94-07/13/95	0	8	
CHCH0092	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/14/82-07/14/82	0	1	
CHCH0094	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/01/73-03/02/73	0	2	
CHCH0100	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/05/73-03/07/73	0	3	
CHCH0102	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/27/73-03/07/73	0	7	
CHCH0104	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/14/82-07/15/82	0	2	
CHCH0105	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/07/67-09/07/67	0	1	
CHCH0106	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/27/73-03/07/73	0	7	
CHCH0108	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/28/73-03/07/73	0	4	
CHCH0109	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/28/73-03/02/73	0	3	
CHCH0110	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/01/73-03/02/73	0	2	
CHCH0113	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/27/73-03/07/73	0	8	
CHCH0116	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/28/73-03/02/73	0	3	
CHCH0117	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/28/73-03/02/73	0	3	
CHCH0118	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/01/73-03/02/73	0	2	
CHCH0119	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/06/73-03/08/73	0	3	
CHCH0120	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/27/73-03/01/73	0	3	
CHCH0121	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/14/82-07/14/82	0	1	
CHCH0123	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/27/73-03/01/73	0	3	
CHCH0125	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/14/82-07/14/82	0	1	
CHCH0126	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/26/69-12/02/69	0	11	
CHCH0127	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/14/82-07/15/82	0	2	
CHCH0128	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/06/73-03/08/73	0	3	
CHCH0130	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/27/69-12/04/69	0	12	
CHCH0131	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/06/73-03/08/73	0	3	
CHCH0132	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/07/73-03/08/73	0	2	
CHCH0136	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/14/82-07/14/82	0	1	
CHCH0138	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/27/73-03/07/73	0	7	
CHCH0140	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/06/73-03/08/73	0	3	
CHCH0142	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/14/82-07/15/82	0	2	
CHCH0144	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/27/73-03/07/73	0	7	
CHCH0146	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/27/73-03/01/73	0	3	
CHCH0147	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/03/97-02/23/98	1	2	
CHCH0150	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/23/75-09/14/76	0	13	
CHCH0151	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/06/67-12/07/76	9	22	
CHCH0152	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/15/68-10/17/68	0	3	
CHCH0157	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/14/82-07/15/82	0	2	
CHCH0158	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/14/82-07/15/82	0	2	
CHCH0159	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/21/92-08/21/92	0	1	
CHCH0160	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/14/82-07/15/82	0	2	
CHCH0162	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/27/73-03/07/73	0	7	
CHCH0164	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/14/82-07/15/82	0	2	
CHCH0168	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/27/73-03/01/73	0	3	
CHCH0169	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/07/67-12/04/73	6	26	
CHCH0170	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/27/73-03/07/73	0	7	
CHCH0174	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/14/73-03/26/74	0	13	
CHCH0175	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/14/73-03/26/74	0	13	
CHCH0177	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/22/83-12/15/98	15	151	
CHCH0178	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/24/73-12/05/73	0	13	
CHCH0180	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/07/67-09/07/67	0	1	
CHCH0182	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/07/67-09/07/67	0	1	
CHCH0183	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/07/67-09/07/67	0	1	
CHCH0184	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/14/82-07/15/82	0	2	
CHCH0185	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/27/73-03/07/73	0	7	
CHCH0186	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/27/73-03/07/73	0	7	
CHCH0190	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/07/67-09/07/67	0	1	
CHCH0191	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/07/67-09/07/67	0	2	
CHCH0192	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/27/73-03/07/73	0	7	
CHCH0194	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/27/73-03/07/73	0	7	
CHCH0195	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/07/67-09/07/67	0	1	
CHCH0196	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/27/73-03/07/73	0	7	
CHCH0199	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/24/73-05/24/73	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0200	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/24/73-05/24/73	0	1	
CHCH0201	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/24/73-05/24/73	0	1	
CHCH0204	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/15/68-10/17/68	0	3	
CHCH0208	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/30/76-09/20/79	3	15	
CHCH0211	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/07/73-03/08/73	0	2	
CHCH0212	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/15/68-10/17/68	0	3	
CHCH0213	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/27/73-03/07/73	0	7	
CHCH0214	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/07/73-03/08/73	0	2	
CHCH0216	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/06/67-09/26/72	5	10	
CHCH0217	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/27/73-03/01/73	0	3	
CHCH0218	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/27/73-02/28/73	0	2	
CHCH0219	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/27/73-03/01/73	0	3	
CHCH0222	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/19/72-06/23/72	0	5	
CHCH0223	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/07/73-03/08/73	0	2	
CHCH0225	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/17/79-09/20/79	0	3	
CHCH0226	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/23/73-12/05/73	0	24	
CHCH0228	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/07/73-03/08/73	0	2	
CHCH0229	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/25/72-09/26/72	0	7	
CHCH0232	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/25/72-09/26/72	0	3	
CHCH0233	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/06/67-09/26/72	5	14	
CHCH0234	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/15/68-10/17/68	0	3	
CHCH0235	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/20/72-06/24/72	0	5	
CHCH0237	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/07/67-09/07/67	0	1	
CHCH0239	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/06/67-09/26/72	5	22	
CHCH0240	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/15/68-10/17/68	0	3	
CHCH0245	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/27/92-12/16/92	0	2	
CHCH0249	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/20/72-06/23/72	0	4	
CHCH0250	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/27/73-03/06/73	0	5	
CHCH0251	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/23/73-12/04/73	0	13	
CHCH0252	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/26/73-02/26/73	0	1	
CHCH0253	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/67-10/13/67	0	1	
CHCH0254	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/19/72-06/23/72	0	5	
CHCH0256	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/15/68-10/16/68	0	2	
CHCH0259	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/07/73-03/07/73	0	1	
CHCH0260	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/15/68-10/17/68	0	3	
CHCH0261	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/23/72-06/24/72	0	2	
CHCH0262	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/07/73-03/08/73	0	2	
CHCH0263	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/20/72-06/24/72	0	5	
CHCH0264	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/26/69-12/02/69	0	11	
CHCH0266	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/28/72-01/03/73	0	45	
CHCH0267	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/28/72-01/03/73	0	45	
CHCH0268	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/23/73-10/30/73	0	14	
CHCH0273	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/12/58-11/10/65	7	267	
CHCH0275	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/14/73-03/26/74	0	13	
CHCH0276	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/30/92-06/30/92	0	1	
CHCH0280	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/02/74-09/26/74	0	33	
CHCH0282	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/25/72-09/27/72	0	3	
CHCH0284	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/02/74-09/26/74	0	30	
CHCH0285	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/23/73-10/30/73	0	12	
CHCH0286	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/23/73-09/20/79	6	77	
CHCH0289	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/02/74-09/26/74	0	33	
CHCH0292	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/20/72-06/24/72	0	5	
CHCH0293	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/20/72-06/24/72	0	5	
CHCH0294	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/15/68-10/17/68	0	3	
CHCH0296	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/26/69-12/02/69	0	11	
CHCH0299	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/22/83-12/15/98	15	146	
CHCH0300	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/20/72-06/24/72	0	5	
CHCH0302	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/15/68-10/17/68	0	3	
CHCH0303	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/06/73-03/08/73	0	3	
CHCH0304	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/06/73-03/08/73	0	3	
CHCH0305	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/06/73-03/08/73	0	4	
CHCH0306	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/06/73-03/08/73	0	3	
CHCH0307	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/14/73-03/26/74	0	8	
CHCH0308	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/07/67-09/07/67	0	1	
CHCH0310	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/07/67-12/05/73	6	25	
CHCH0311	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/23/72-06/24/72	0	2	
CHCH0312	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/20/72-06/24/72	0	5	
CHCH0317	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/17/79-09/20/79	0	7	
CHCH0318	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/26/72-09/27/72	0	6	
CHCH0319	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/15/68-10/17/68	0	3	
CHCH0322	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/24/72-06/24/72	0	1	
CHCH0325	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/15/68-10/17/68	0	3	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0326	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/03/92-09/02/92	0	2	
CHCH0330	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/19/72-06/22/72	0	4	
CHCH0331	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/24/72-06/24/72	0	1	
CHCH0332	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/15/68-10/17/68	0	3	
CHCH0335	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/24/73-09/20/79	6	30	
CHCH0338	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/16/68-10/17/68	0	2	
CHCH0340	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/15/68-10/17/68	0	3	
CHCH0341	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/15/68-10/16/68	0	2	
CHCH0342	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/06/67-12/04/73	6	33	
CHCH0344	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/15/68-10/17/68	0	3	
CHCH0346	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/23/72-06/23/72	0	1	
CHCH0347	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/23/73-12/05/73	0	13	
CHCH0349	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/14/73-03/26/74	0	13	
CHCH0352	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/14/73-03/26/74	0	13	
CHCH0354	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/12/83-04/07/98	14	48	
CHCH0355	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/16/68-10/17/68	0	2	
CHCH0356	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/15/68-10/17/68	0	3	
CHCH0358	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/23/72-06/24/72	0	2	
CHCH0362	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/19/72-06/23/72	0	5	
CHCH0363	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/20/72-06/24/72	0	5	
CHCH0365	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/22/72-06/24/72	0	2	
CHCH0369	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/20/72-06/24/72	0	5	
CHCH0371	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/07/67-09/07/67	0	1	
CHCH0377	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/15/68-10/17/68	0	3	
CHCH0378	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/20/72-06/24/72	0	5	
CHCH0379	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/19/72-06/22/72	0	4	
CHCH0380	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/20/72-06/23/72	0	4	
CHCH0383	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/02/74-09/26/74	0	33	
CHCH0384	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/15/68-10/17/68	0	3	
CHCH0385	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/02/74-09/26/74	0	34	
CHCH0386	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/15/68-10/17/68	0	3	
CHCH0388	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/15/68-10/17/68	0	3	
CHCH0389	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/02/74-09/26/74	0	34	
CHCH0390	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/08/73-03/08/73	0	1	
CHCH0391	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/14/73-03/26/74	0	7	
CHCH0392	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/07/67-09/07/67	0	1	
CHCH0393	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/15/68-10/17/68	0	3	
CHCH0395	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/15/68-10/17/68	0	3	
CHCH0396	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/15/68-10/17/68	0	3	
CHCH0401	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/23/73-12/05/73	0	13	
CHCH0404	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/14/73-03/26/74	0	13	
CHCH0407	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/02/74-09/26/74	0	36	
CHCH0408	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/23/73-10/29/73	0	16	
CHCH0409	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/23/73-06/19/80	7	36	
CHCH0413	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/23/73-12/04/73	0	24	
CHCH0416	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/01/74-04/17/80	5	123	
CHCH0417	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/02/74-09/26/74	0	36	
CHCH0421	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/02/74-09/26/74	0	34	
CHCH0423	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/15/73-03/24/74	0	14	
CHCH0424	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/14/73-03/26/74	0	13	
CHCH0427	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/01/87-09/19/89	2	62	
CHCH0428	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/23/60-02/01/61	0	11	
CHCH0429	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/20/72-06/23/72	0	3	
CHCH0433	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/23/73-08/12/97	24	134	T,S
CHCH0435	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/09/90-09/13/90	0	36	
CHCH0438	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/14/73-03/26/74	0	13	
CHCH0443	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/11/76-08/11/92	16	81	
CHCH0445	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/23/73-12/05/73	0	46	
CHCH0448	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/07/67-09/07/67	0	1	
CHCH0453	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/14/73-03/26/74	0	13	
CHCH0456	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/23/75-09/14/76	0	13	
CHCH0457	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/24/73-12/07/76	3	17	
CHCH0459	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/31/92-12/04/92	0	2	
CHCH0010	No	00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	04/18/79-04/18/79	0	1	
CHCH0021	No	00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	04/18/79-04/18/79	0	1	
CHCH0059	No	00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	04/18/79-04/18/79	0	1	
CHCH0133	No	00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	04/19/79-04/19/79	0	1	
CHCH0006	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/07/76-04/21/77	0	2	
CHCH0007	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/31/76-08/31/76	0	1	
CHCH0021	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/26/76-04/21/77	0	2	
CHCH0032	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/25/74-06/25/74	0	1	
CHCH0037	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/26/76-04/28/77	0	2	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0047	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/26/76-04/22/77	0	2	
CHCH0059	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	11/22/72-06/26/74	1	6	
CHCH0159	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/04/93-04/15/93	0	2	
CHCH0245	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	03/31/93-03/31/93	0	1	
CHCH0276	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	02/11/93-04/05/93	0	2	
CHCH0326	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	03/02/93-03/02/93	0	1	
CHCH0348	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/28/96-02/14/97	0	6	
CHCH0459	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	03/12/93-03/12/93	0	1	
CHCH0004	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/28/69-12/01/69	0	12	
CHCH0005	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	02/25/69-12/01/69	0	11	
CHCH0009	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/16/72-10/16/72	0	3	
CHCH0013	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/16/72-10/17/72	0	4	
CHCH0014	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/16/72-10/16/72	0	3	
CHCH0015	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/28/69-12/03/69	0	12	
CHCH0018	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/17/72-10/17/72	0	3	
CHCH0019	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/17/72-10/17/72	0	3	
CHCH0020	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	02/25/69-12/04/69	0	11	
CHCH0023	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	02/25/69-12/01/69	0	11	
CHCH0026	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	02/25/69-12/04/69	0	11	
CHCH0027	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/18/72-10/18/72	0	3	
CHCH0038	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/27/69-12/03/69	0	11	
CHCH0040	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/18/72-10/18/72	0	1	
CHCH0043	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	02/26/69-12/02/69	0	11	
CHCH0053	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/28/69-10/18/72	3	13	
CHCH0058	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/27/69-12/03/69	0	12	
CHCH0064	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	02/25/69-12/04/69	0	11	
CHCH0070	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/28/67-09/28/67	0	1	
CHCH0076	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/27/69-12/03/69	0	12	
CHCH0105	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/07/67-09/07/67	0	1	
CHCH0126	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	02/26/69-12/02/69	0	11	
CHCH0130	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/27/69-12/04/69	0	12	
CHCH0151	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/06/67-09/26/72	5	19	
CHCH0159	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/21/92-08/21/92	0	1	
CHCH0169	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/07/67-12/03/69	2	13	
CHCH0174	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/14/73-03/26/74	0	12	
CHCH0175	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/14/73-03/26/74	0	13	
CHCH0180	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/07/67-09/07/67	0	1	
CHCH0182	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/07/67-09/07/67	0	1	
CHCH0183	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/07/67-09/07/67	0	1	
CHCH0190	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/07/67-09/07/67	0	1	
CHCH0191	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/07/67-09/07/67	0	2	
CHCH0195	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/07/67-09/07/67	0	1	
CHCH0216	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/06/67-09/26/72	5	10	
CHCH0229	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/25/72-09/26/72	0	7	
CHCH0232	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/25/72-09/26/72	0	3	
CHCH0233	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/06/67-09/26/72	5	14	
CHCH0237	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/07/67-09/07/67	0	1	
CHCH0239	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/06/67-09/26/72	5	22	
CHCH0245	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/27/92-12/16/92	0	2	
CHCH0253	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/13/67-10/13/67	0	1	
CHCH0264	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	02/26/69-12/02/69	0	11	
CHCH0275	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/14/73-03/26/74	0	12	
CHCH0276	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/30/92-06/30/92	0	1	
CHCH0282	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/25/72-09/27/72	0	3	
CHCH0296	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	02/26/69-12/02/69	0	11	
CHCH0307	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/14/73-03/26/74	0	8	
CHCH0308	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/07/67-09/07/67	0	1	
CHCH0310	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/07/67-09/07/67	0	1	
CHCH0318	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/26/72-09/27/72	0	6	
CHCH0326	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/03/92-09/02/92	0	2	
CHCH0342	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/06/67-09/27/72	5	19	
CHCH0349	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/14/73-03/26/74	0	13	
CHCH0352	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/14/73-03/26/74	0	13	
CHCH0371	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/07/67-09/07/67	0	1	
CHCH0391	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/14/73-03/26/74	0	7	
CHCH0392	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/07/67-09/07/67	0	1	
CHCH0404	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/14/73-03/26/74	0	13	
CHCH0423	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/15/73-03/24/74	0	14	
CHCH0424	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/14/73-03/26/74	0	13	
CHCH0428	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/23/60-02/01/61	0	11	
CHCH0438	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/14/73-03/26/74	0	13	
CHCH0448	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/07/67-09/07/67	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0453	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/14/73-03/26/74	0	13	
CHCH0459	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/31/92-12/04/92	0	2	
CHCH0006	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/07/76-04/21/77	0	2	
CHCH0007	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/31/76-08/31/76	0	1	
CHCH0021	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/26/76-04/21/77	0	2	
CHCH0032	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	06/25/74-06/25/74	0	1	
CHCH0037	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/26/76-04/28/77	0	2	
CHCH0047	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/26/76-04/22/77	0	2	
CHCH0059	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	11/22/72-06/26/74	1	6	
CHCH0149	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/25/65-05/25/65	0	1	
CHCH0004	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/28/69-12/01/69	0	12	
CHCH0005	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/25/69-12/01/69	0	11	
CHCH0009	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/16/72-10/16/72	0	3	
CHCH0013	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/16/72-10/17/72	0	4	
CHCH0014	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/16/72-10/16/72	0	3	
CHCH0015	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/28/69-12/03/69	0	12	
CHCH0018	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/17/72-10/17/72	0	3	
CHCH0019	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/17/72-10/17/72	0	3	
CHCH0020	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/25/69-12/04/69	0	11	
CHCH0023	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/25/69-12/01/69	0	11	
CHCH0026	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/25/69-12/04/69	0	11	
CHCH0027	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/18/72-10/18/72	0	3	
CHCH0038	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/27/69-12/03/69	0	11	
CHCH0040	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/18/72-10/18/72	0	1	
CHCH0043	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/26/69-12/02/69	0	11	
CHCH0053	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/28/69-10/18/72	3	13	
CHCH0056	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/15/92-12/15/92	0	1	
CHCH0057	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/01/92-09/01/92	0	1	
CHCH0058	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/27/69-12/03/69	0	12	
CHCH0064	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/25/69-12/04/69	0	11	
CHCH0070	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/28/67-09/28/67	0	1	
CHCH0076	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/27/69-12/03/69	0	12	
CHCH0103	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/15/92-12/15/92	0	1	
CHCH0105	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/07/67-09/07/67	0	1	
CHCH0126	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/26/69-12/02/69	0	11	
CHCH0130	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/27/69-12/04/69	0	12	
CHCH0151	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/06/67-09/26/72	5	19	
CHCH0153	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/16/92-12/16/92	0	1	
CHCH0155	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/16/92-12/16/92	0	1	
CHCH0166	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/14/92-12/14/92	0	1	
CHCH0167	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/16/92-12/16/92	0	1	
CHCH0169	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/07/67-12/03/69	2	13	
CHCH0172	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/17/92-12/17/92	0	1	
CHCH0174	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/14/73-03/26/74	0	12	
CHCH0175	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/14/73-03/26/74	0	13	
CHCH0180	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/07/67-09/07/67	0	1	
CHCH0182	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/07/67-09/07/67	0	1	
CHCH0183	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/07/67-09/07/67	0	1	
CHCH0190	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/07/67-09/07/67	0	1	
CHCH0191	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/07/67-09/07/67	0	2	
CHCH0195	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/07/67-09/07/67	0	1	
CHCH0216	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/06/67-09/26/72	5	10	
CHCH0229	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/25/72-09/26/72	0	7	
CHCH0232	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/25/72-09/26/72	0	3	
CHCH0233	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/06/67-09/26/72	5	14	
CHCH0237	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/07/67-09/07/67	0	1	
CHCH0239	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/06/67-09/26/72	5	22	
CHCH0253	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/13/67-10/13/67	0	1	
CHCH0264	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/26/69-12/02/69	0	11	
CHCH0275	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/14/73-03/26/74	0	12	
CHCH0282	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/25/72-09/27/72	0	3	
CHCH0287	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/05/72-06/01/84	11	9	
CHCH0296	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/26/69-12/02/69	0	11	
CHCH0307	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/14/73-03/26/74	0	8	
CHCH0308	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/07/67-09/07/67	0	1	
CHCH0310	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/07/67-09/07/67	0	1	
CHCH0318	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/26/72-09/27/72	0	6	
CHCH0329	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/01/72-06/15/76	3	13	
CHCH0342	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/06/67-09/27/72	5	19	
CHCH0349	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/14/73-03/26/74	0	13	
CHCH0352	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/14/73-03/26/74	0	13	
CHCH0371	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/07/67-09/07/67	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0391	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/14/73-03/26/74	0	7	
CHCH0392	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/07/67-09/07/67	0	1	
CHCH0404	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/14/73-03/26/74	0	13	
CHCH0418	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/01/72-03/12/73	0	5	
CHCH0423	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/15/73-03/24/74	0	14	
CHCH0424	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/14/73-03/26/74	0	13	
CHCH0428	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/23/60-11/15/62	1	40	
CHCH0438	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/14/73-03/26/74	0	13	
CHCH0445	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/05/73-12/05/73	0	1	
CHCH0448	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/07/67-09/07/67	0	1	
CHCH0453	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/14/73-03/26/74	0	13	
CHCH0287	No	00621	NITRATE NITROGEN, BOTTOM DEPOS. (MG/KG-N DRY WGT)	09/10/75-09/10/75	0	1	
CHCH0329	No	00621	NITRATE NITROGEN, BOTTOM DEPOS. (MG/KG-N DRY WGT)	09/09/75-09/09/75	0	1	
CHCH0418	No	00621	NITRATE NITROGEN, BOTTOM DEPOS. (MG/KG-N DRY WGT)	09/10/75-09/10/75	0	1	
CHCH0006	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	09/07/76-04/21/77	0	2	
CHCH0007	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	08/31/76-08/31/76	0	1	
CHCH0021	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	08/26/76-04/21/77	0	2	
CHCH0037	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	08/26/76-04/28/77	0	2	
CHCH0047	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	08/26/76-04/22/77	0	2	
CHCH0348	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	05/28/96-02/14/97	0	6	
CHCH0006	No	00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	09/07/76-04/21/77	0	2	
CHCH0007	No	00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	08/31/76-08/31/76	0	1	
CHCH0021	No	00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	08/26/76-04/21/77	0	2	
CHCH0037	No	00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	08/26/76-04/28/77	0	2	
CHCH0047	No	00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	08/26/76-04/22/77	0	2	
CHCH0002	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/30/80-08/29/80	0	2	
CHCH0004	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/30/80-08/29/80	0	2	
CHCH0006	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/07/76-04/21/77	0	2	
CHCH0007	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/31/76-08/31/76	0	1	
CHCH0009	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/30/80-08/29/80	0	2	
CHCH0014	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/30/80-08/29/80	0	2	
CHCH0021	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/26/76-04/21/77	0	2	
CHCH0027	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/30/80-08/29/80	0	2	
CHCH0032	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/25/74-06/25/74	0	1	
CHCH0037	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/26/76-04/28/77	0	2	
CHCH0040	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/30/80-08/29/80	0	2	
CHCH0047	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/26/76-04/22/77	0	2	
CHCH0053	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/30/80-08/29/80	0	2	
CHCH0054	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/28/79-01/03/95	15	47	
CHCH0055	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/24/79-08/30/94	15	18	
CHCH0059	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/26/74-06/26/74	0	1	
CHCH0062	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/27/73-03/07/73	0	7	
CHCH0069	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/06/73-03/06/73	0	1	
CHCH0071	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/27/73-03/07/73	0	7	
CHCH0072	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/30/80-08/29/80	0	2	
CHCH0073	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/06/73-03/06/73	0	1	
CHCH0074	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/05/73-03/07/73	0	3	
CHCH0081	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/27/73-03/07/73	0	7	
CHCH0087	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/27/73-03/07/73	0	7	
CHCH0094	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/01/73-03/02/73	0	2	
CHCH0100	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/05/73-03/07/73	0	3	
CHCH0102	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/27/73-03/07/73	0	7	
CHCH0106	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/27/73-03/07/73	0	7	
CHCH0108	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/28/73-03/07/73	0	4	
CHCH0109	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/28/73-03/02/73	0	3	
CHCH0110	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/01/73-03/02/73	0	2	
CHCH0113	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/27/73-03/07/73	0	8	
CHCH0116	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/28/73-03/02/73	0	3	
CHCH0117	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/28/73-03/02/73	0	3	
CHCH0118	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/01/73-03/02/73	0	2	
CHCH0119	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/06/73-03/08/73	0	3	
CHCH0120	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/27/73-03/01/73	0	3	
CHCH0123	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/27/73-03/01/73	0	3	
CHCH0128	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/06/73-03/08/73	0	3	
CHCH0131	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/06/73-03/08/73	0	3	
CHCH0132	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/06/73-03/08/73	0	3	
CHCH0138	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/27/73-03/07/73	0	7	
CHCH0140	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/06/73-03/08/73	0	3	
CHCH0144	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/27/73-03/07/73	0	7	
CHCH0146	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/27/73-03/01/73	0	3	
CHCH0152	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/15/68-10/17/68	0	3	
CHCH0159	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/21/92-04/15/93	0	3	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0162	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/27/73-03/07/73	0	7	
CHCH0168	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/27/73-03/01/73	0	3	
CHCH0170	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/27/73-03/07/73	0	7	
CHCH0174	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/14/73-03/26/74	0	13	
CHCH0175	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/14/73-03/26/74	0	13	
CHCH0185	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/27/73-03/07/73	0	7	
CHCH0186	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/27/73-03/07/73	0	7	
CHCH0192	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/27/73-03/07/73	0	7	
CHCH0194	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/27/73-03/07/73	0	7	
CHCH0196	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/27/73-03/07/73	0	7	
CHCH0204	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/15/68-10/17/68	0	3	
CHCH0211	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/07/73-03/08/73	0	2	
CHCH0212	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/15/68-10/17/68	0	3	
CHCH0213	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/27/73-03/07/73	0	7	
CHCH0214	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/07/73-03/08/73	0	2	
CHCH0217	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/27/73-03/01/73	0	3	
CHCH0218	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/27/73-02/28/73	0	2	
CHCH0219	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/27/73-03/01/73	0	3	
CHCH0222	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/19/72-06/23/72	0	5	
CHCH0223	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/07/73-03/08/73	0	2	
CHCH0228	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/07/73-03/08/73	0	2	
CHCH0234	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/15/68-10/17/68	0	3	
CHCH0235	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/20/72-06/24/72	0	5	
CHCH0240	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/15/68-10/17/68	0	3	
CHCH0245	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/27/92-03/31/93	0	3	
CHCH0249	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/20/72-06/23/72	0	4	
CHCH0250	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/27/73-03/06/73	0	4	
CHCH0254	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/19/72-06/23/72	0	4	
CHCH0256	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/15/68-10/16/68	0	2	
CHCH0259	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/07/73-03/07/73	0	1	
CHCH0260	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/15/68-10/17/68	0	3	
CHCH0261	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/23/72-06/24/72	0	2	
CHCH0262	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/07/73-03/08/73	0	2	
CHCH0263	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/20/72-06/24/72	0	5	
CHCH0266	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/28/72-01/03/73	0	45	
CHCH0267	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/28/72-01/03/73	0	45	
CHCH0268	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/23/73-10/30/73	0	14	
CHCH0275	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/14/73-03/26/74	0	13	
CHCH0276	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/30/92-04/05/93	0	3	
CHCH0285	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/23/73-10/30/73	0	12	
CHCH0292	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/20/72-06/24/72	0	5	
CHCH0293	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/20/72-06/24/72	0	5	
CHCH0294	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/15/68-10/17/68	0	3	
CHCH0300	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/20/72-06/24/72	0	5	
CHCH0302	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/15/68-10/17/68	0	3	
CHCH0303	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/06/73-03/08/73	0	3	
CHCH0304	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/06/73-03/08/73	0	3	
CHCH0305	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/06/73-03/08/73	0	4	
CHCH0306	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/06/73-03/08/73	0	3	
CHCH0307	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/19/73-03/26/74	0	7	
CHCH0311	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/23/72-06/24/72	0	2	
CHCH0312	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/20/72-06/24/72	0	5	
CHCH0319	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/15/68-10/17/68	0	3	
CHCH0322	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/24/72-06/24/72	0	1	
CHCH0325	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/15/68-10/17/68	0	3	
CHCH0326	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/03/92-03/02/93	0	3	
CHCH0330	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/19/72-06/22/72	0	4	
CHCH0331	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/24/72-06/24/72	0	1	
CHCH0332	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/15/68-10/17/68	0	3	
CHCH0338	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/16/68-10/17/68	0	2	
CHCH0340	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/15/68-10/17/68	0	3	
CHCH0341	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/15/68-10/16/68	0	2	
CHCH0344	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/15/68-10/17/68	0	3	
CHCH0346	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/23/72-06/23/72	0	1	
CHCH0348	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/28/96-02/14/97	0	6	
CHCH0349	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/14/73-03/26/74	0	13	
CHCH0352	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/14/73-03/26/74	0	13	
CHCH0355	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/16/68-10/17/68	0	2	
CHCH0356	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/15/68-10/17/68	0	3	
CHCH0358	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/23/72-06/24/72	0	2	
CHCH0362	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/19/72-06/23/72	0	5	
CHCH0363	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/20/72-06/24/72	0	5	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0365	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/20/72-06/24/72	0	5	
CHCH0369	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/20/72-06/24/72	0	5	
CHCH0377	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/15/68-10/17/68	0	3	
CHCH0378	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/20/72-06/24/72	0	5	
CHCH0379	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/19/72-06/22/72	0	4	
CHCH0380	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/20/72-06/23/72	0	4	
CHCH0384	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/15/68-10/17/68	0	3	
CHCH0386	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/15/68-10/17/68	0	3	
CHCH0388	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/15/68-10/17/68	0	3	
CHCH0390	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/08/73-03/08/73	0	1	
CHCH0391	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/09/73-03/26/74	0	6	
CHCH0393	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/15/68-10/17/68	0	3	
CHCH0395	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/15/68-10/17/68	0	3	
CHCH0396	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/15/68-10/17/68	0	3	
CHCH0404	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/14/73-03/26/74	0	13	
CHCH0408	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/23/73-10/29/73	0	16	
CHCH0409	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/27/86-09/25/86	0	8	
CHCH0423	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/15/73-03/24/74	0	14	
CHCH0424	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/14/73-03/26/74	0	13	
CHCH0429	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/19/72-06/23/72	0	4	
CHCH0438	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/14/73-03/26/74	0	13	
CHCH0453	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/14/73-03/26/74	0	13	
CHCH0459	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/31/92-03/12/93	0	3	
CHCH0055	No	00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	11/16/73-07/14/75	1	4	
CHCH0089	No	00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	03/08/73-03/08/73	0	1	
CHCH0170	No	00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	03/08/73-03/08/73	0	1	
CHCH0199	No	00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	05/24/73-05/24/73	0	1	
CHCH0200	No	00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	05/24/73-05/24/73	0	1	
CHCH0201	No	00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	05/24/73-05/24/73	0	1	
CHCH0287	No	00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	09/10/75-09/10/75	0	1	
CHCH0329	No	00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	09/09/75-09/09/75	0	1	
CHCH0418	No	00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	09/10/75-09/10/75	0	1	
CHCH0002	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/30/80-08/29/80	0	2	
CHCH0004	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/30/80-08/29/80	0	2	
CHCH0006	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/07/76-04/21/77	0	2	
CHCH0007	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/31/76-08/31/76	0	1	
CHCH0009	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/30/80-08/29/80	0	2	
CHCH0012	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/12/86-08/15/96	10	14	
CHCH0014	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/30/80-08/29/80	0	2	
CHCH0021	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/26/76-09/01/81	5	3	
CHCH0027	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/30/80-08/29/80	0	2	
CHCH0032	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/17/71-06/25/74	3	2	
CHCH0037	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/26/76-04/28/77	0	2	
CHCH0040	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/30/80-08/29/80	0	2	
CHCH0047	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/26/76-04/22/77	0	2	
CHCH0053	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/30/80-08/29/80	0	2	
CHCH0054	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/20/74-07/13/95	20	200	T
CHCH0055	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/12/73-12/14/98	25	131	T,S
CHCH0059	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/26/74-06/26/74	0	1	
CHCH0062	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/27/73-03/07/73	0	7	
CHCH0065	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/20/74-02/22/94	19	133	T
CHCH0066	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/18/73-07/28/87	14	14	
CHCH0069	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/06/73-03/06/73	0	1	
CHCH0071	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/27/73-03/07/73	0	7	
CHCH0072	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/30/80-08/29/80	0	2	
CHCH0073	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/06/73-03/06/73	0	1	
CHCH0074	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/05/73-03/07/73	0	3	
CHCH0077	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/06/82-01/07/97	14	135	
CHCH0080	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/16/83-01/07/97	13	145	
CHCH0081	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/27/73-03/07/73	0	7	
CHCH0082	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/14/82-07/15/82	0	2	
CHCH0087	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/27/73-03/07/73	0	7	
CHCH0088	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/22/94-07/13/95	0	8	
CHCH0092	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/14/82-07/15/82	0	2	
CHCH0094	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/01/73-03/02/73	0	2	
CHCH0100	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/05/73-03/07/73	0	3	
CHCH0102	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/27/73-03/07/73	0	7	
CHCH0104	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/14/82-07/15/82	0	2	
CHCH0106	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/27/73-03/07/73	0	7	
CHCH0108	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/28/73-03/07/73	0	4	
CHCH0109	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/28/73-03/02/73	0	3	
CHCH0110	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/01/73-03/02/73	0	2	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0113	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/27/73-03/07/73	0	8	
CHCH0116	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/28/73-03/02/73	0	3	
CHCH0117	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/28/73-03/02/73	0	3	
CHCH0118	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/01/73-03/02/73	0	2	
CHCH0119	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/06/73-03/08/73	0	3	
CHCH0120	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/27/73-03/01/73	0	3	
CHCH0121	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/14/82-07/15/82	0	2	
CHCH0123	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/27/73-03/01/73	0	3	
CHCH0125	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/14/82-07/15/82	0	2	
CHCH0127	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/14/82-07/15/82	0	2	
CHCH0128	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/06/73-03/08/73	0	3	
CHCH0131	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/06/73-03/08/73	0	3	
CHCH0132	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/06/73-03/08/73	0	3	
CHCH0136	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/14/82-07/15/82	0	2	
CHCH0138	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/27/73-03/07/73	0	7	
CHCH0140	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/06/73-03/08/73	0	3	
CHCH0142	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/14/82-07/15/82	0	2	
CHCH0144	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/27/73-03/07/73	0	7	
CHCH0146	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/27/73-03/01/73	0	3	
CHCH0147	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/03/97-02/23/98	1	2	
CHCH0150	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/23/75-09/14/76	0	13	
CHCH0151	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/12/76-12/07/76	0	3	
CHCH0152	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/15/68-10/17/68	0	3	
CHCH0157	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/14/82-07/15/82	0	2	
CHCH0158	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/14/82-07/15/82	0	2	
CHCH0159	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/21/92-08/21/92	0	1	
CHCH0160	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/14/82-07/15/82	0	2	
CHCH0162	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/27/73-03/07/73	0	7	
CHCH0164	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/14/82-07/15/82	0	2	
CHCH0168	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/27/73-03/01/73	0	3	
CHCH0169	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/24/73-12/04/73	0	13	
CHCH0170	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/27/73-03/07/73	0	7	
CHCH0174	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/14/73-03/26/74	0	13	
CHCH0175	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/14/73-03/26/74	0	13	
CHCH0177	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/18/82-12/15/98	16	153	
CHCH0178	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/24/73-12/05/73	0	13	
CHCH0184	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/14/82-07/15/82	0	2	
CHCH0185	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/27/73-03/07/73	0	7	
CHCH0186	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/27/73-03/07/73	0	7	
CHCH0192	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/27/73-03/07/73	0	7	
CHCH0194	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/27/73-03/07/73	0	7	
CHCH0196	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/27/73-03/07/73	0	7	
CHCH0199	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/24/73-05/24/73	0	1	
CHCH0200	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/24/73-05/24/73	0	1	
CHCH0201	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/24/73-05/24/73	0	1	
CHCH0204	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/15/68-10/17/68	0	3	
CHCH0208	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/30/76-09/20/79	3	15	
CHCH0211	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/07/73-03/08/73	0	2	
CHCH0212	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/15/68-10/17/68	0	3	
CHCH0213	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/27/73-03/07/73	0	7	
CHCH0214	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/07/73-03/08/73	0	2	
CHCH0217	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/27/73-03/01/73	0	3	
CHCH0218	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/27/73-02/28/73	0	2	
CHCH0219	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/27/73-03/01/73	0	3	
CHCH0222	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/19/72-06/23/72	0	5	
CHCH0223	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/07/73-03/08/73	0	2	
CHCH0225	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/17/79-09/20/79	0	3	
CHCH0226	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/23/73-12/05/73	0	24	
CHCH0228	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/07/73-03/08/73	0	2	
CHCH0234	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/15/68-10/17/68	0	3	
CHCH0235	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/20/72-06/24/72	0	5	
CHCH0240	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/15/68-10/17/68	0	3	
CHCH0245	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/27/92-12/16/92	0	2	
CHCH0249	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/20/72-06/23/72	0	4	
CHCH0250	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/27/73-03/06/73	0	5	
CHCH0251	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/23/73-12/04/73	0	13	
CHCH0252	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/26/73-02/26/73	0	1	
CHCH0254	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/19/72-06/23/72	0	5	
CHCH0256	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/15/68-10/16/68	0	2	
CHCH0259	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/07/73-03/07/73	0	1	
CHCH0260	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/15/68-10/17/68	0	3	
CHCH0261	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/23/72-06/24/72	0	2	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0262	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/07/73-03/08/73	0	2	
CHCH0263	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/20/72-06/24/72	0	5	
CHCH0266	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/28/72-01/03/73	0	45	
CHCH0267	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/28/72-01/03/73	0	45	
CHCH0268	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/23/73-10/30/73	0	14	
CHCH0273	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/09/64-05/08/68	3	28	
CHCH0275	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/14/73-03/26/74	0	13	
CHCH0276	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/30/92-06/30/92	0	1	
CHCH0285	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/23/73-10/30/73	0	12	
CHCH0286	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/23/73-09/20/79	6	77	
CHCH0287	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/07/73-01/01/85	11	136	
CHCH0292	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/20/72-06/24/72	0	5	
CHCH0293	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/20/72-06/24/72	0	5	
CHCH0294	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/15/68-10/17/68	0	3	
CHCH0299	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/30/77-12/15/98	21	210	T,A
CHCH0300	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/20/72-06/24/72	0	5	
CHCH0302	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/15/68-10/17/68	0	3	
CHCH0303	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/06/73-03/08/73	0	3	
CHCH0304	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/06/73-03/08/73	0	3	
CHCH0305	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/06/73-03/08/73	0	4	
CHCH0306	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/06/73-03/08/73	0	3	
CHCH0307	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/14/73-03/26/74	0	8	
CHCH0310	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/23/73-12/05/73	0	24	
CHCH0311	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/23/72-06/24/72	0	2	
CHCH0312	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/20/72-06/24/72	0	5	
CHCH0316	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/14/77-02/14/77	0	1	
CHCH0317	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/17/79-09/20/79	0	7	
CHCH0319	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/15/68-10/17/68	0	3	
CHCH0322	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/24/72-06/24/72	0	1	
CHCH0325	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/15/68-10/17/68	0	3	
CHCH0326	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/03/92-09/02/92	0	2	
CHCH0329	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/07/73-08/29/77	4	43	
CHCH0330	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/19/72-06/22/72	0	4	
CHCH0331	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/24/72-06/24/72	0	1	
CHCH0332	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/15/68-10/17/68	0	3	
CHCH0335	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/24/73-09/20/79	6	30	
CHCH0338	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/16/68-10/17/68	0	2	
CHCH0340	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/15/68-10/17/68	0	3	
CHCH0341	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/15/68-10/16/68	0	2	
CHCH0342	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/24/73-12/04/73	0	14	
CHCH0344	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/15/68-10/17/68	0	3	
CHCH0346	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/23/72-06/23/72	0	1	
CHCH0347	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/23/73-12/05/73	0	13	
CHCH0349	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/14/73-03/26/74	0	13	
CHCH0352	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/14/73-03/26/74	0	13	
CHCH0354	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/30/77-04/07/98	20	107	T
CHCH0355	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/16/68-10/17/68	0	2	
CHCH0356	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/15/68-10/17/68	0	3	
CHCH0358	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/23/72-06/24/72	0	2	
CHCH0362	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/19/72-06/23/72	0	5	
CHCH0363	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/20/72-06/24/72	0	5	
CHCH0365	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/20/72-06/24/72	0	5	
CHCH0369	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/20/72-06/24/72	0	5	
CHCH0377	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/15/68-10/17/68	0	3	
CHCH0378	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/20/72-06/24/72	0	5	
CHCH0379	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/19/72-06/22/72	0	4	
CHCH0380	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/20/72-06/23/72	0	4	
CHCH0384	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/15/68-10/17/68	0	3	
CHCH0386	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/15/68-10/17/68	0	3	
CHCH0388	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/15/68-10/17/68	0	3	
CHCH0390	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/08/73-03/08/73	0	1	
CHCH0391	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/14/73-03/26/74	0	7	
CHCH0393	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/15/68-10/17/68	0	3	
CHCH0395	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/15/68-10/17/68	0	3	
CHCH0396	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/15/68-10/17/68	0	3	
CHCH0401	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/23/73-12/05/73	0	13	
CHCH0404	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/14/73-03/26/74	0	13	
CHCH0408	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/23/73-10/29/73	0	16	
CHCH0409	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/23/73-09/25/86	13	44	
CHCH0413	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/23/73-12/04/73	0	24	
CHCH0416	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/01/74-04/17/80	5	122	
CHCH0418	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/07/73-06/03/75	1	22	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0423	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/15/73-03/24/74	0	14	
CHCH0424	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/14/73-03/26/74	0	13	
CHCH0427	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/01/87-09/19/89	2	62	
CHCH0429	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/19/72-06/23/72	0	4	
CHCH0433	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/23/73-08/12/97	24	134	T,S
CHCH0435	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/09/90-09/13/90	0	36	
CHCH0438	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/14/73-03/26/74	0	13	
CHCH0443	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/11/76-08/11/92	16	81	
CHCH0445	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/23/73-12/05/73	0	46	
CHCH0452	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/19/81-08/19/81	0	1	
CHCH0453	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/14/73-03/26/74	0	13	
CHCH0456	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/23/75-09/14/76	0	13	
CHCH0457	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/24/73-12/07/76	3	17	
CHCH0459	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/31/92-12/04/92	0	2	
CHCH0006	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/07/76-04/21/77	0	2	
CHCH0007	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/31/76-08/31/76	0	1	
CHCH0008	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/03/79-05/22/80	0	2	
CHCH0010	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/01/79-05/21/80	0	2	
CHCH0017	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/01/79-05/22/80	0	2	
CHCH0021	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/26/76-05/22/80	3	4	
CHCH0032	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/25/74-06/25/74	0	1	
CHCH0037	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/26/76-05/21/80	3	4	
CHCH0047	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/26/76-05/21/80	3	4	
CHCH0059	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/17/71-05/21/80	8	4	
CHCH0159	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/04/93-04/15/93	0	2	
CHCH0245	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	03/31/93-03/31/93	0	1	
CHCH0276	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	02/11/93-04/05/93	0	2	
CHCH0326	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	03/02/93-03/02/93	0	1	
CHCH0348	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/28/96-02/14/97	0	6	
CHCH0459	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	03/12/93-03/12/93	0	1	
CHCH0082	No	00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	07/14/82-07/15/82	0	2	
CHCH0092	No	00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	07/14/82-07/15/82	0	2	
CHCH0104	No	00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	07/14/82-07/15/82	0	2	
CHCH0121	No	00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	07/14/82-07/15/82	0	2	
CHCH0125	No	00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	07/14/82-07/15/82	0	2	
CHCH0127	No	00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	07/14/82-07/15/82	0	2	
CHCH0136	No	00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	07/14/82-07/15/82	0	2	
CHCH0142	No	00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	07/14/82-07/15/82	0	2	
CHCH0147	No	00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	02/03/97-02/23/98	1	2	
CHCH0157	No	00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	07/14/82-07/15/82	0	2	
CHCH0158	No	00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	07/14/82-07/15/82	0	2	
CHCH0160	No	00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	07/14/82-07/15/82	0	2	
CHCH0164	No	00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	07/14/82-07/15/82	0	2	
CHCH0177	No	00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	10/18/82-12/15/98	16	152	
CHCH0184	No	00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	07/14/82-07/15/82	0	2	
CHCH0273	No	00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	12/09/64-05/08/68	3	25	
CHCH0287	No	00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	03/12/73-01/01/85	11	140	
CHCH0299	No	00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	11/30/77-12/15/98	21	209	T,A
CHCH0316	No	00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	02/14/77-02/14/77	0	1	
CHCH0329	No	00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	03/12/73-08/29/77	4	49	
CHCH0354	No	00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	11/30/77-04/07/98	20	107	T
CHCH0418	No	00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	03/12/73-06/03/75	2	22	
CHCH0273	No	00636	NITROGEN, AMMONIA&ORG., DISS. 1 DET (MG/L AS N)	01/06/65-01/05/66	0	7	
CHCH0059	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/22/72-09/11/73	0	5	
CHCH0445	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/05/73-12/05/73	0	1	
CHCH0273	No	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	11/15/61-12/11/63	2	12	
CHCH0445	No	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	12/05/73-12/05/73	0	1	
CHCH0006	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	09/07/76-04/21/77	0	2	
CHCH0007	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/31/76-08/31/76	0	1	
CHCH0021	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/26/76-04/21/77	0	2	
CHCH0032	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/25/74-06/25/74	0	1	
CHCH0037	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/26/76-04/28/77	0	2	
CHCH0047	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/26/76-04/22/77	0	2	
CHCH0059	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/26/74-06/26/74	0	1	
CHCH0149	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	05/25/65-05/25/65	0	1	
CHCH0416	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/24/79-03/04/80	0	5	
CHCH0004	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/28/69-12/01/69	0	12	
CHCH0005	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/25/69-12/01/69	0	11	
CHCH0006	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/07/76-04/21/77	0	2	
CHCH0007	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/31/76-08/31/76	0	1	
CHCH0015	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/28/69-12/03/69	0	12	
CHCH0020	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/25/69-12/04/69	0	11	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0021	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/26/76-09/01/81	5	3	
CHCH0023	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/25/69-12/01/69	0	11	
CHCH0026	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/25/69-12/04/69	0	11	
CHCH0032	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/17/71-06/25/74	3	2	
CHCH0037	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/26/76-04/28/77	0	2	
CHCH0038	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/27/69-12/03/69	0	11	
CHCH0043	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/26/69-12/02/69	0	11	
CHCH0047	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/26/76-04/22/77	0	2	
CHCH0053	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/28/69-12/01/69	0	12	
CHCH0054	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/20/74-07/13/95	20	200	T
CHCH0055	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/12/73-12/14/98	25	132	T,S
CHCH0058	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/27/69-12/03/69	0	11	
CHCH0059	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/17/71-06/26/74	3	2	
CHCH0062	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/27/73-03/07/73	0	7	
CHCH0064	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/25/69-12/04/69	0	11	
CHCH0065	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/20/74-02/22/94	19	132	T
CHCH0066	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/73-02/22/94	20	16	
CHCH0069	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/06/73-03/06/73	0	1	
CHCH0070	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/28/67-09/28/67	0	1	
CHCH0071	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/27/73-03/07/73	0	7	
CHCH0073	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/06/73-03/06/73	0	1	
CHCH0074	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/05/73-03/07/73	0	3	
CHCH0076	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/27/69-12/03/69	0	12	
CHCH0077	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/06/82-01/07/97	14	135	
CHCH0080	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/16/83-01/07/97	13	145	
CHCH0081	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/27/73-03/07/73	0	7	
CHCH0082	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/14/82-07/15/82	0	2	
CHCH0087	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/27/73-03/07/73	0	7	
CHCH0088	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/22/94-07/13/95	0	8	
CHCH0092	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/14/82-07/15/82	0	2	
CHCH0094	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/01/73-03/02/73	0	2	
CHCH0100	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/05/73-03/07/73	0	3	
CHCH0102	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/27/73-03/07/73	0	7	
CHCH0104	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/14/82-07/15/82	0	2	
CHCH0106	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/27/73-03/07/73	0	7	
CHCH0108	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/28/73-03/07/73	0	4	
CHCH0109	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/28/73-03/02/73	0	3	
CHCH0110	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/01/73-03/02/73	0	2	
CHCH0113	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/27/73-03/07/73	0	8	
CHCH0116	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/28/73-03/02/73	0	3	
CHCH0117	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/28/73-03/02/73	0	3	
CHCH0118	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/01/73-03/02/73	0	2	
CHCH0119	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/06/73-03/08/73	0	3	
CHCH0120	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/27/73-03/01/73	0	3	
CHCH0121	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/14/82-07/15/82	0	2	
CHCH0123	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/27/73-03/01/73	0	3	
CHCH0125	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/14/82-07/15/82	0	2	
CHCH0126	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/26/69-12/02/69	0	11	
CHCH0127	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/14/82-07/15/82	0	2	
CHCH0128	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/06/73-03/08/73	0	3	
CHCH0130	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/27/69-12/04/69	0	11	
CHCH0131	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/06/73-03/08/73	0	3	
CHCH0132	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/07/73-03/08/73	0	2	
CHCH0136	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/14/82-07/15/82	0	2	
CHCH0138	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/27/73-03/07/73	0	7	
CHCH0140	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/06/73-03/08/73	0	3	
CHCH0142	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/14/82-07/15/82	0	2	
CHCH0144	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/27/73-03/07/73	0	7	
CHCH0146	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/27/73-03/01/73	0	3	
CHCH0147	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/03/97-02/23/98	1	2	
CHCH0150	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/23/75-09/14/76	0	13	
CHCH0151	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/26/69-11/10/80	11	15	
CHCH0157	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/14/82-07/15/82	0	2	
CHCH0158	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/14/82-07/15/82	0	2	
CHCH0159	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/21/92-04/15/93	0	3	
CHCH0160	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/14/82-07/15/82	0	2	
CHCH0162	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/27/73-03/07/73	0	7	
CHCH0164	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/14/82-07/15/82	0	2	
CHCH0168	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/27/73-03/01/73	0	3	
CHCH0169	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/07/67-12/04/73	6	26	
CHCH0170	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/27/73-03/07/73	0	7	
CHCH0174	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/14/73-03/26/74	0	13	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0175	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/14/73-03/26/74	0	13	
CHCH0177	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/18/82-12/15/98	16	155	
CHCH0178	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/24/73-12/05/73	0	13	
CHCH0184	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/14/82-07/15/82	0	2	
CHCH0185	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/27/73-03/07/73	0	7	
CHCH0186	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/27/73-03/07/73	0	7	
CHCH0190	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/07/67-09/07/67	0	1	
CHCH0191	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/07/67-09/07/67	0	2	
CHCH0192	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/27/73-03/07/73	0	7	
CHCH0194	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/27/73-03/07/73	0	7	
CHCH0196	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/27/73-03/07/73	0	7	
CHCH0199	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/24/73-05/24/73	0	1	
CHCH0200	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/24/73-05/24/73	0	1	
CHCH0201	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/24/73-05/24/73	0	1	
CHCH0208	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/30/76-09/20/79	3	15	
CHCH0211	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/07/73-03/08/73	0	2	
CHCH0213	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/27/73-03/07/73	0	7	
CHCH0214	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/07/73-03/08/73	0	2	
CHCH0217	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/27/73-03/01/73	0	3	
CHCH0218	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/27/73-02/28/73	0	2	
CHCH0219	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/27/73-03/01/73	0	3	
CHCH0222	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/19/72-06/23/72	0	5	
CHCH0223	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/07/73-03/08/73	0	2	
CHCH0225	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/17/79-09/20/79	0	3	
CHCH0226	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/23/73-12/05/73	0	24	
CHCH0228	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/07/73-03/08/73	0	2	
CHCH0233	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/26/69-12/02/69	0	11	
CHCH0235	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/20/72-06/24/72	0	5	
CHCH0237	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/07/67-09/07/67	0	1	
CHCH0239	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/26/69-12/02/69	0	11	
CHCH0245	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/27/92-03/31/93	0	3	
CHCH0249	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/20/72-06/23/72	0	4	
CHCH0250	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/27/73-03/06/73	0	5	
CHCH0251	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/23/73-12/04/73	0	13	
CHCH0252	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/26/73-02/26/73	0	1	
CHCH0254	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/19/72-06/23/72	0	5	
CHCH0259	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/07/73-03/07/73	0	1	
CHCH0261	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/23/72-06/24/72	0	2	
CHCH0262	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/07/73-03/08/73	0	2	
CHCH0263	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/20/72-06/24/72	0	5	
CHCH0264	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/26/69-12/02/69	0	11	
CHCH0266	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/28/72-01/03/73	0	45	
CHCH0267	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/28/72-01/03/73	0	45	
CHCH0268	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/23/73-10/30/73	0	14	
CHCH0273	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/09/64-05/08/68	3	28	
CHCH0275	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/14/73-03/26/74	0	13	
CHCH0276	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/30/92-04/05/93	0	3	
CHCH0285	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/23/73-10/30/73	0	12	
CHCH0286	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/23/73-09/20/79	6	77	
CHCH0287	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/05/72-01/01/85	12	146	
CHCH0292	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/20/72-06/24/72	0	5	
CHCH0293	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/20/72-06/24/72	0	5	
CHCH0296	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/26/69-12/02/69	0	11	
CHCH0299	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/30/77-12/15/98	21	210	T,A
CHCH0300	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/20/72-06/24/72	0	5	
CHCH0303	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/06/73-03/08/73	0	3	
CHCH0304	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/06/73-03/08/73	0	3	
CHCH0305	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/06/73-03/08/73	0	4	
CHCH0306	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/06/73-03/08/73	0	3	
CHCH0307	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/14/73-03/26/74	0	8	
CHCH0308	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/07/67-09/07/67	0	1	
CHCH0310	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/07/67-12/05/73	6	25	
CHCH0311	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/23/72-06/24/72	0	2	
CHCH0312	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/20/72-06/24/72	0	5	
CHCH0316	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/14/77-02/14/77	0	1	
CHCH0317	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/17/79-09/20/79	0	7	
CHCH0322	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/24/72-06/24/72	0	1	
CHCH0326	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/03/92-03/02/93	0	3	
CHCH0329	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/01/72-09/29/77	5	56	
CHCH0330	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/19/72-06/22/72	0	4	
CHCH0331	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/24/72-06/24/72	0	1	
CHCH0335	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/24/73-09/20/79	6	30	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0342	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/06/67-12/04/73	6	27	
CHCH0346	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/23/72-06/23/72	0	1	
CHCH0347	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/23/73-12/05/73	0	13	
CHCH0348	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/28/96-02/14/97	0	6	
CHCH0349	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/14/73-03/26/74	0	13	
CHCH0352	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/14/73-03/26/74	0	13	
CHCH0354	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/30/77-04/07/98	20	109	T
CHCH0358	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/23/72-06/24/72	0	2	
CHCH0362	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/19/72-06/23/72	0	5	
CHCH0363	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/20/72-06/24/72	0	5	
CHCH0365	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/20/72-06/24/72	0	5	
CHCH0369	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/20/72-06/24/72	0	5	
CHCH0371	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/07/67-09/07/67	0	1	
CHCH0378	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/20/72-06/24/72	0	5	
CHCH0379	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/19/72-06/22/72	0	4	
CHCH0380	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/20/72-06/23/72	0	4	
CHCH0390	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/08/73-03/08/73	0	1	
CHCH0391	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/14/73-03/26/74	0	7	
CHCH0392	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/07/67-09/07/67	0	1	
CHCH0401	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/23/73-12/05/73	0	13	
CHCH0404	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/14/73-03/26/74	0	13	
CHCH0408	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/23/73-10/29/73	0	16	
CHCH0409	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/23/73-09/25/86	13	44	
CHCH0413	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/23/73-12/04/73	0	24	
CHCH0416	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/01/74-04/17/80	5	123	
CHCH0418	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/01/72-06/03/75	2	27	
CHCH0423	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/15/73-03/24/74	0	14	
CHCH0424	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/14/73-03/26/74	0	13	
CHCH0427	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/01/87-09/19/89	2	62	
CHCH0428	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/23/60-11/15/62	1	42	
CHCH0429	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/19/72-06/23/72	0	4	
CHCH0433	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/23/73-08/12/97	24	134	T,S
CHCH0435	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/09/90-09/13/90	0	36	
CHCH0438	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/14/73-03/26/74	0	13	
CHCH0443	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/11/76-08/11/92	16	80	
CHCH0445	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/23/73-12/05/73	0	46	
CHCH0448	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/07/67-09/07/67	0	1	
CHCH0452	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/19/81-08/19/81	0	1	
CHCH0453	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/14/73-03/26/74	0	12	
CHCH0456	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/23/75-09/14/76	0	13	
CHCH0457	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/24/73-12/07/76	3	17	
CHCH0459	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/31/92-03/12/93	0	3	
CHCH0004	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	02/27/69-12/01/69	0	11	
CHCH0005	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	02/25/69-12/01/69	0	11	
CHCH0006	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/07/76-04/21/77	0	2	
CHCH0007	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/31/76-08/31/76	0	1	
CHCH0015	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/28/69-12/03/69	0	11	
CHCH0020	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	02/25/69-12/04/69	0	10	
CHCH0021	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/26/76-04/21/77	0	2	
CHCH0023	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	02/25/69-12/01/69	0	11	
CHCH0026	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	03/17/69-12/04/69	0	9	
CHCH0032	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/25/74-06/25/74	0	1	
CHCH0037	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/26/76-04/28/77	0	2	
CHCH0038	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/27/69-12/03/69	0	9	
CHCH0043	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	03/20/69-12/02/69	0	10	
CHCH0047	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/26/76-04/22/77	0	2	
CHCH0053	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	02/27/69-12/01/69	0	11	
CHCH0058	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/27/69-12/03/69	0	12	
CHCH0059	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/26/74-06/26/74	0	1	
CHCH0064	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	02/25/69-12/04/69	0	11	
CHCH0070	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/28/67-09/28/67	0	1	
CHCH0076	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/27/69-12/03/69	0	12	
CHCH0126	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	02/26/69-12/02/69	0	10	
CHCH0130	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/27/69-12/04/69	0	10	
CHCH0150	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	11/25/75-09/14/76	0	12	
CHCH0151	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	02/26/69-12/07/76	7	14	
CHCH0159	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/21/92-04/15/93	0	3	
CHCH0169	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/27/69-12/04/73	4	25	
CHCH0178	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/24/73-12/05/73	0	13	
CHCH0190	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/07/67-09/07/67	0	1	
CHCH0191	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/07/67-09/07/67	0	2	
CHCH0226	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/23/73-12/05/73	0	24	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0233	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	02/26/69-12/02/69	0	11	
CHCH0237	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/07/67-09/07/67	0	1	
CHCH0239	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	02/26/69-12/02/69	0	10	
CHCH0245	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/27/92-03/31/93	0	3	
CHCH0251	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/23/73-12/04/73	0	13	
CHCH0252	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	02/26/73-02/26/73	0	1	
CHCH0264	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	02/26/69-12/02/69	0	11	
CHCH0273	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/06/65-05/08/68	3	24	
CHCH0276	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/30/92-04/05/93	0	3	
CHCH0286	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/23/73-12/04/73	0	66	
CHCH0296	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	02/26/69-12/02/69	0	11	
CHCH0308	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/07/67-09/07/67	0	1	
CHCH0310	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/07/67-12/05/73	6	25	
CHCH0326	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/03/92-03/02/93	0	3	
CHCH0335	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/24/73-12/05/73	0	14	
CHCH0342	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/06/67-12/04/73	6	26	
CHCH0347	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/23/73-12/05/73	0	13	
CHCH0348	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/28/96-02/14/97	0	6	
CHCH0371	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/07/67-09/07/67	0	1	
CHCH0392	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/07/67-09/07/67	0	1	
CHCH0401	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/23/73-12/05/73	0	13	
CHCH0409	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/23/73-04/19/76	3	15	
CHCH0413	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/23/73-12/04/73	0	24	
CHCH0416	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	11/13/74-02/08/77	2	10	
CHCH0427	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/01/87-09/19/89	2	62	
CHCH0433	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/23/73-12/04/73	0	35	
CHCH0443	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/24/85-08/11/92	7	33	
CHCH0445	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/23/73-12/05/73	0	45	
CHCH0448	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/07/67-09/07/67	0	1	
CHCH0456	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	11/25/75-09/14/76	0	12	
CHCH0457	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/24/73-12/07/76	3	17	
CHCH0459	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/31/92-03/12/93	0	3	
CHCH0089	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	03/08/73-03/08/73	0	1	
CHCH0170	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	03/08/73-03/08/73	0	1	
CHCH0287	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	09/10/75-09/10/75	0	1	
CHCH0329	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	09/09/75-09/09/75	0	1	
CHCH0418	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	09/10/75-09/10/75	0	1	
CHCH0433	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	06/18/73-06/18/73	0	1	
CHCH0006	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/07/76-04/21/77	0	2	
CHCH0007	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/31/76-08/31/76	0	1	
CHCH0021	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/26/76-04/21/77	0	2	
CHCH0032	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/25/74-06/25/74	0	1	
CHCH0037	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/26/76-04/28/77	0	2	
CHCH0047	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/26/76-04/22/77	0	2	
CHCH0059	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/26/74-06/26/74	0	1	
CHCH0174	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/14/73-03/26/74	0	13	
CHCH0175	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/14/73-03/26/74	0	13	
CHCH0268	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/23/73-10/30/73	0	14	
CHCH0275	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/14/73-03/26/74	0	13	
CHCH0285	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/23/73-10/30/73	0	12	
CHCH0307	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/14/73-03/26/74	0	7	
CHCH0348	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/28/96-02/14/97	0	6	
CHCH0349	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/14/73-03/26/74	0	13	
CHCH0352	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/14/73-03/26/74	0	13	
CHCH0391	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/14/73-03/26/74	0	7	
CHCH0404	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/14/73-03/26/74	0	13	
CHCH0408	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/23/73-10/29/73	0	16	
CHCH0409	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/19/80-06/19/80	0	1	
CHCH0416	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/28/79-03/04/80	0	6	
CHCH0423	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/15/73-03/24/74	0	14	
CHCH0424	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/14/73-03/26/74	0	13	
CHCH0433	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/24/90-09/12/94	4	94	
CHCH0435	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/09/90-09/13/90	0	50	
CHCH0438	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/14/73-03/26/74	0	13	
CHCH0453	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/14/73-03/26/74	0	12	
CHCH0208	No	00677	PHOSPHORUS,HYDROLYZABLE + ORTHO,DIS,AUTOANALYZER	08/17/79-09/20/79	0	7	
CHCH0225	No	00677	PHOSPHORUS,HYDROLYZABLE + ORTHO,DIS,AUTOANALYZER	08/17/79-09/20/79	0	3	
CHCH0286	No	00677	PHOSPHORUS,HYDROLYZABLE + ORTHO,DIS,AUTOANALYZER	04/27/79-09/20/79	0	11	
CHCH0317	No	00677	PHOSPHORUS,HYDROLYZABLE + ORTHO,DIS,AUTOANALYZER	08/17/79-09/20/79	0	7	
CHCH0335	No	00677	PHOSPHORUS,HYDROLYZABLE + ORTHO,DIS,AUTOANALYZER	04/27/79-09/20/79	0	13	
CHCH0443	No	00677	PHOSPHORUS,HYDROLYZABLE + ORTHO,DIS,AUTOANALYZER	08/21/79-09/21/79	0	9	
CHCH0004	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/19/69-08/04/69	0	4	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0006	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/07/76-04/21/77	0	2	
CHCH0007	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/31/76-08/31/76	0	1	
CHCH0014	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/19/69-08/04/69	0	4	
CHCH0020	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/14/69-08/11/69	0	3	
CHCH0021	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/26/76-04/21/77	0	2	
CHCH0028	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/14/69-08/11/69	0	3	
CHCH0029	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/14/69-08/11/69	0	3	
CHCH0030	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/14/69-08/11/69	0	3	
CHCH0032	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/25/74-06/25/74	0	1	
CHCH0037	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/26/76-04/28/77	0	2	
CHCH0040	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/19/69-08/04/69	0	4	
CHCH0047	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/26/76-04/22/77	0	2	
CHCH0049	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/14/69-08/11/69	0	2	
CHCH0050	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/21/69-08/13/69	0	4	
CHCH0051	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/14/69-08/11/69	0	3	
CHCH0053	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/19/69-08/04/69	0	4	
CHCH0054	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/20/74-07/13/95	20	193	T
CHCH0055	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/12/73-12/14/98	25	126	T,S
CHCH0059	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/26/74-06/26/74	0	1	
CHCH0062	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/27/73-03/07/73	0	7	
CHCH0065	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/20/74-02/22/94	19	130	T
CHCH0066	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/18/73-07/28/87	14	14	
CHCH0069	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/06/73-03/06/73	0	1	
CHCH0071	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/27/73-03/07/73	0	7	
CHCH0073	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/06/73-03/06/73	0	1	
CHCH0074	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/05/73-03/07/73	0	3	
CHCH0076	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/21/69-08/13/69	0	4	
CHCH0077	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/06/82-01/07/97	14	133	
CHCH0080	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	11/16/83-01/07/97	13	142	
CHCH0081	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/27/73-03/07/73	0	7	
CHCH0083	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/21/69-08/13/69	0	4	
CHCH0087	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/27/73-03/07/73	0	7	
CHCH0088	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	11/22/94-07/13/95	0	8	
CHCH0094	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/01/73-03/02/73	0	2	
CHCH0100	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/05/73-03/07/73	0	3	
CHCH0102	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/27/73-03/07/73	0	7	
CHCH0105	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/21/69-08/13/69	0	4	
CHCH0106	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/27/73-03/07/73	0	7	
CHCH0108	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/28/73-03/07/73	0	4	
CHCH0109	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/28/73-03/02/73	0	3	
CHCH0110	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/01/73-03/02/73	0	2	
CHCH0113	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/27/73-03/07/73	0	8	
CHCH0116	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/28/73-03/02/73	0	3	
CHCH0117	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/28/73-03/02/73	0	3	
CHCH0118	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/01/73-03/02/73	0	2	
CHCH0119	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/06/73-03/08/73	0	3	
CHCH0120	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/27/73-03/01/73	0	3	
CHCH0123	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/27/73-03/01/73	0	3	
CHCH0128	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/06/73-03/08/73	0	3	
CHCH0131	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/06/73-03/08/73	0	3	
CHCH0132	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/06/73-03/08/73	0	3	
CHCH0138	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/27/73-03/07/73	0	7	
CHCH0140	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/06/73-03/08/73	0	3	
CHCH0144	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/27/73-03/07/73	0	7	
CHCH0146	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/27/73-03/01/73	0	3	
CHCH0151	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	11/10/80-11/10/80	0	1	
CHCH0159	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/21/92-04/15/93	0	3	
CHCH0162	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/27/73-03/07/73	0	7	
CHCH0168	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/27/73-03/01/73	0	3	
CHCH0169	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/21/69-08/13/69	0	4	
CHCH0170	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/27/73-03/07/73	0	7	
CHCH0185	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/27/73-03/07/73	0	7	
CHCH0186	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/27/73-03/07/73	0	7	
CHCH0192	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/27/73-03/07/73	0	7	
CHCH0194	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/27/73-03/07/73	0	7	
CHCH0196	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/27/73-03/07/73	0	7	
CHCH0199	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/24/73-05/24/73	0	1	
CHCH0200	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/24/73-05/24/73	0	1	
CHCH0211	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/07/73-03/08/73	0	2	
CHCH0213	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/27/73-03/07/73	0	7	
CHCH0214	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/07/73-03/08/73	0	2	
CHCH0217	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/27/73-03/01/73	0	3	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0218	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/27/73-02/28/73	0	2	
CHCH0219	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/27/73-03/01/73	0	3	
CHCH0222	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/19/72-06/23/72	0	5	
CHCH0223	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/07/73-03/08/73	0	2	
CHCH0228	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/07/73-03/08/73	0	2	
CHCH0235	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/20/72-06/24/72	0	5	
CHCH0245	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/27/92-03/31/93	0	3	
CHCH0249	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/20/72-06/23/72	0	4	
CHCH0250	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/27/73-03/06/73	0	5	
CHCH0254	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/19/72-06/23/72	0	5	
CHCH0259	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/07/73-03/07/73	0	1	
CHCH0261	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/23/72-06/24/72	0	2	
CHCH0262	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/07/73-03/08/73	0	2	
CHCH0263	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/20/72-06/24/72	0	5	
CHCH0266	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	11/28/72-01/03/73	0	45	
CHCH0267	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	11/28/72-01/03/73	0	45	
CHCH0273	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/03/65-05/08/68	3	21	
CHCH0276	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/30/92-04/05/93	0	3	
CHCH0287	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/12/73-01/01/85	11	104	
CHCH0292	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/20/72-06/24/72	0	5	
CHCH0293	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/20/72-06/23/72	0	4	
CHCH0300	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/20/72-06/24/72	0	5	
CHCH0303	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/06/73-03/08/73	0	3	
CHCH0304	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/06/73-03/08/73	0	3	
CHCH0305	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/06/73-03/08/73	0	4	
CHCH0306	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/06/73-03/08/73	0	3	
CHCH0311	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/23/72-06/24/72	0	2	
CHCH0312	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/20/72-06/24/72	0	5	
CHCH0322	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/24/72-06/24/72	0	1	
CHCH0326	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/03/92-03/02/93	0	3	
CHCH0329	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/01/72-04/18/77	4	10	
CHCH0330	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/19/72-06/22/72	0	4	
CHCH0331	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/24/72-06/24/72	0	1	
CHCH0343	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/20/72-06/24/72	0	5	
CHCH0346	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/23/72-06/23/72	0	1	
CHCH0358	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/23/72-06/24/72	0	2	
CHCH0362	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/19/72-06/23/72	0	5	
CHCH0363	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/20/72-06/24/72	0	5	
CHCH0365	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/20/72-06/24/72	0	5	
CHCH0366	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/20/72-06/24/72	0	5	
CHCH0367	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/24/72-06/24/72	0	1	
CHCH0368	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/19/72-06/23/72	0	5	
CHCH0369	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/20/72-06/24/72	0	5	
CHCH0378	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/20/72-06/24/72	0	5	
CHCH0379	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/19/72-06/22/72	0	4	
CHCH0380	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/20/72-06/23/72	0	4	
CHCH0390	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/08/73-03/08/73	0	1	
CHCH0409	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/73-06/19/80	6	6	
CHCH0416	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	11/13/74-04/17/80	5	25	
CHCH0418	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/01/72-02/11/75	2	6	
CHCH0427	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/01/87-09/19/89	2	62	
CHCH0429	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/19/72-06/23/72	0	4	
CHCH0433	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/24/90-09/12/94	4	94	
CHCH0435	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/09/90-09/13/90	0	36	
CHCH0443	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/11/76-08/11/92	16	72	
CHCH0459	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/31/92-03/12/93	0	3	
CHCH0006	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/07/76-09/07/76	0	1	
CHCH0007	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/31/76-08/31/76	0	1	
CHCH0021	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/26/76-08/26/76	0	1	
CHCH0032	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	06/25/74-06/25/74	0	1	
CHCH0037	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/26/76-08/26/76	0	1	
CHCH0047	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/26/76-08/26/76	0	1	
CHCH0059	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	06/26/74-06/26/74	0	1	
CHCH0273	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	04/07/65-05/08/68	3	15	
CHCH0348	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/28/96-12/17/96	0	5	
CHCH0416	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/28/79-03/28/79	0	1	
CHCH0433	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	01/24/90-01/24/92	2	46	
CHCH0435	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	04/09/90-09/13/90	0	65	
CHCH0212	No	00685	CARBON, TOTAL INORGANIC (MG/L AS C)	10/15/68-10/15/68	0	1	
CHCH0234	No	00685	CARBON, TOTAL INORGANIC (MG/L AS C)	10/15/68-10/15/68	0	1	
CHCH0240	No	00685	CARBON, TOTAL INORGANIC (MG/L AS C)	10/15/68-10/15/68	0	1	
CHCH0256	No	00685	CARBON, TOTAL INORGANIC (MG/L AS C)	10/15/68-10/15/68	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0260	No	00685	CARBON, TOTAL INORGANIC (MG/L AS C)	10/15/68-10/15/68	0	1	
CHCH0294	No	00685	CARBON, TOTAL INORGANIC (MG/L AS C)	10/15/68-10/15/68	0	1	
CHCH0302	No	00685	CARBON, TOTAL INORGANIC (MG/L AS C)	10/15/68-10/15/68	0	1	
CHCH0319	No	00685	CARBON, TOTAL INORGANIC (MG/L AS C)	10/15/68-10/15/68	0	1	
CHCH0332	No	00685	CARBON, TOTAL INORGANIC (MG/L AS C)	10/15/68-10/15/68	0	1	
CHCH0341	No	00685	CARBON, TOTAL INORGANIC (MG/L AS C)	10/15/68-10/15/68	0	1	
CHCH0355	No	00685	CARBON, TOTAL INORGANIC (MG/L AS C)	10/15/68-10/15/68	0	1	
CHCH0356	No	00685	CARBON, TOTAL INORGANIC (MG/L AS C)	10/15/68-10/15/68	0	1	
CHCH0037	No	00686	CARBON, INORGANIC, IN BED MATERIAL (GM/KG AS C)	05/10/79-05/10/79	0	1	
CHCH0047	No	00686	CARBON, INORGANIC, IN BED MATERIAL (GM/KG AS C)	04/18/79-04/18/79	0	1	
CHCH0037	No	00687	CARBON, ORGANIC, IN BED MATERIAL (GM/KG AS C)	05/10/79-05/10/79	0	1	
CHCH0047	No	00687	CARBON, ORGANIC, IN BED MATERIAL (GM/KG AS C)	04/18/79-04/18/79	0	1	
CHCH0433	No	00687	CARBON, ORGANIC, IN BED MATERIAL (GM/KG AS C)	07/23/91-07/23/91	0	1	
CHCH0348	No	00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	05/28/96-12/17/96	0	5	
CHCH0280	No	00690	CARBON, TOTAL (MG/L AS C)	08/01/74-09/26/74	0	23	
CHCH0284	No	00690	CARBON, TOTAL (MG/L AS C)	08/01/74-09/26/74	0	21	
CHCH0289	No	00690	CARBON, TOTAL (MG/L AS C)	08/01/74-09/26/74	0	23	
CHCH0329	No	00690	CARBON, TOTAL (MG/L AS C)	03/12/73-03/12/73	0	1	
CHCH0383	No	00690	CARBON, TOTAL (MG/L AS C)	08/01/74-09/26/74	0	24	
CHCH0385	No	00690	CARBON, TOTAL (MG/L AS C)	08/01/74-09/26/74	0	24	
CHCH0389	No	00690	CARBON, TOTAL (MG/L AS C)	08/01/74-09/26/74	0	24	
CHCH0407	No	00690	CARBON, TOTAL (MG/L AS C)	08/01/74-09/26/74	0	26	
CHCH0417	No	00690	CARBON, TOTAL (MG/L AS C)	08/01/74-09/26/74	0	26	
CHCH0421	No	00690	CARBON, TOTAL (MG/L AS C)	08/01/74-09/26/74	0	24	
CHCH0037	No	00693	CARBON, ORGANIC+INORG.-BOTTOM MAT. (GM/KG)	05/10/79-05/10/79	0	1	
CHCH0047	No	00693	CARBON, ORGANIC+INORG.-BOTTOM MAT. (GM/KG)	04/18/79-04/18/79	0	1	
CHCH0329	No	00700	ACIDS, TOTAL VOLATILE (MG/L AS ACETIC ACID)	01/09/74-01/09/74	0	1	
CHCH0021	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	09/01/81-09/01/81	0	1	
CHCH0055	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	07/02/91-07/02/91	0	1	
CHCH0061	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	09/10/80-09/10/80	0	1	
CHCH0065	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	09/23/91-09/23/91	0	1	
CHCH0085	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	09/10/80-09/10/80	0	1	
CHCH0102	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	02/28/73-03/06/73	0	4	
CHCH0107	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	09/10/80-09/10/80	0	1	
CHCH0108	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	02/28/73-03/07/73	0	4	
CHCH0113	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	03/02/73-03/05/73	0	2	
CHCH0122	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	08/21/92-04/15/93	0	3	
CHCH0163	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	09/10/80-09/10/80	0	1	
CHCH0170	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	02/28/73-03/07/73	0	4	
CHCH0188	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	06/03/92-03/02/93	0	3	
CHCH0445	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	12/05/73-12/05/73	0	1	
CHCH0452	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	08/19/81-08/19/81	0	1	
CHCH0459	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	07/31/92-03/12/93	0	3	
CHCH0055	No	00721	CYANIDE IN BOTTOM DEPOSITS (MG/KG AS CN DRY WGT)	07/02/91-07/02/91	0	1	
CHCH0105	No	00722	CYANIDE, FREE (AMENABLE TO CHLORINATION) MG/L	01/27/69-12/03/69	0	12	
CHCH0169	No	00722	CYANIDE, FREE (AMENABLE TO CHLORINATION) MG/L	01/27/69-12/04/73	4	25	
CHCH0178	No	00722	CYANIDE, FREE (AMENABLE TO CHLORINATION) MG/L	01/24/73-12/05/73	0	13	
CHCH0190	No	00722	CYANIDE, FREE (AMENABLE TO CHLORINATION) MG/L	09/07/67-09/07/67	0	1	
CHCH0191	No	00722	CYANIDE, FREE (AMENABLE TO CHLORINATION) MG/L	09/07/67-09/07/67	0	1	
CHCH0226	No	00722	CYANIDE, FREE (AMENABLE TO CHLORINATION) MG/L	01/23/73-12/05/73	0	24	
CHCH0237	No	00722	CYANIDE, FREE (AMENABLE TO CHLORINATION) MG/L	09/07/67-09/07/67	0	1	
CHCH0251	No	00722	CYANIDE, FREE (AMENABLE TO CHLORINATION) MG/L	01/23/73-12/04/73	0	13	
CHCH0252	No	00722	CYANIDE, FREE (AMENABLE TO CHLORINATION) MG/L	02/26/73-02/26/73	0	1	
CHCH0286	No	00722	CYANIDE, FREE (AMENABLE TO CHLORINATION) MG/L	01/23/73-12/04/73	0	66	
CHCH0308	No	00722	CYANIDE, FREE (AMENABLE TO CHLORINATION) MG/L	09/07/67-09/07/67	0	1	
CHCH0310	No	00722	CYANIDE, FREE (AMENABLE TO CHLORINATION) MG/L	01/23/73-12/05/73	0	24	
CHCH0342	No	00722	CYANIDE, FREE (AMENABLE TO CHLORINATION) MG/L	09/06/67-12/04/73	6	15	
CHCH0347	No	00722	CYANIDE, FREE (AMENABLE TO CHLORINATION) MG/L	01/23/73-12/05/73	0	13	
CHCH0371	No	00722	CYANIDE, FREE (AMENABLE TO CHLORINATION) MG/L	09/07/67-09/07/67	0	1	
CHCH0392	No	00722	CYANIDE, FREE (AMENABLE TO CHLORINATION) MG/L	09/07/67-09/07/67	0	1	
CHCH0409	No	00722	CYANIDE, FREE (AMENABLE TO CHLORINATION) MG/L	01/23/73-12/04/73	0	11	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0413	No	00722	CYANIDE, FREE (AMENABLE TO CHLORINATION) MG/L	01/23/73-12/04/73	0	24	
CHCH0433	No	00722	CYANIDE, FREE (AMENABLE TO CHLORINATION) MG/L	01/23/73-12/04/73	0	35	
CHCH0445	No	00722	CYANIDE, FREE (AMENABLE TO CHLORINATION) MG/L	01/23/73-12/05/73	0	45	
CHCH0329	No	00745	SULFIDE, TOTAL (MG/L AS S)	09/18/73-09/18/73	0	1	
CHCH0329	No	00746	SULFIDE, DISSOLVED (MG/L AS S)	03/12/73-03/12/73	0	1	
CHCH0329	No	00800	NITZSCHIA KUTZINGIANA HILSE (NO/LITER)	01/09/74-01/09/74	0	1	
CHCH0329	No	00810	DIV CHRYPTOPHYTA.CLS CHRYPTOPHY-CEAE (NO/LITER)	01/09/74-01/09/74	0	1	
CHCH0006	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/07/76-04/21/77	0	2	
CHCH0007	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/31/76-08/31/76	0	1	
CHCH0008	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/03/79-05/22/80	0	2	
CHCH0010	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/01/79-05/21/80	0	2	
CHCH0017	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/01/79-05/22/80	0	2	
CHCH0021	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/26/76-09/01/81	5	5	
CHCH0032	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/23/58-06/25/74	16	3	
CHCH0037	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/26/76-05/21/80	3	4	
CHCH0047	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/26/76-05/21/80	3	4	
CHCH0054	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/20/74-07/25/90	15	164	
CHCH0055	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/12/73-12/14/98	25	148	T,S
CHCH0056	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/15/92-12/15/92	0	1	
CHCH0057	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/01/92-09/01/92	0	1	
CHCH0059	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/05/66-05/21/80	13	10	
CHCH0065	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/20/74-07/25/90	15	108	
CHCH0066	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/18/73-02/22/94	20	38	
CHCH0077	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/06/82-01/07/97	14	127	
CHCH0080	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/16/83-01/07/97	13	127	
CHCH0082	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/14/82-07/15/82	0	2	
CHCH0092	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/14/82-07/15/82	0	2	
CHCH0099	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/02/60-05/04/60	0	3	
CHCH0103	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/15/92-12/15/92	0	1	
CHCH0104	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/14/82-07/15/82	0	2	
CHCH0114	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/03/60-05/06/60	0	3	
CHCH0121	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/14/82-07/15/82	0	2	
CHCH0125	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/14/82-07/15/82	0	2	
CHCH0127	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/14/82-07/15/82	0	2	
CHCH0136	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/14/82-07/15/82	0	2	
CHCH0142	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/14/82-07/15/82	0	2	
CHCH0147	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/10/95-02/23/98	2	5	
CHCH0149	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/03/58-05/25/65	7	3	
CHCH0150	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/23/75-09/14/76	0	13	
CHCH0153	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/16/92-12/16/92	0	1	
CHCH0155	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/16/92-12/16/92	0	1	
CHCH0157	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/14/82-07/15/82	0	2	
CHCH0158	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/14/82-07/15/82	0	2	
CHCH0160	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/14/82-07/15/82	0	2	
CHCH0164	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/14/82-07/15/82	0	2	
CHCH0166	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/14/92-12/14/92	0	1	
CHCH0167	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/16/92-12/16/92	0	1	
CHCH0172	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/17/92-12/17/92	0	1	
CHCH0177	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/23/82-12/15/98	16	167	
CHCH0184	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/14/82-07/15/82	0	2	
CHCH0273	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/12/58-05/29/68	10	260	
CHCH0280	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/02/74-09/26/74	0	33	
CHCH0284	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/02/74-09/26/74	0	30	
CHCH0287	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/01/72-01/01/85	12	145	
CHCH0289	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/02/74-09/26/74	0	33	
CHCH0299	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/23/82-12/15/98	16	162	
CHCH0316	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/14/77-02/14/77	0	1	
CHCH0329	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/01/72-08/29/77	5	55	
CHCH0348	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/10/67-09/16/68	1	3	
CHCH0354	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/26/83-04/07/98	15	53	
CHCH0383	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/02/74-09/26/74	0	33	
CHCH0385	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/02/74-09/26/74	0	34	
CHCH0389	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/02/74-09/26/74	0	34	
CHCH0407	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/02/74-09/26/74	0	36	
CHCH0409	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/19/80-06/19/80	0	1	
CHCH0416	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/01/74-04/17/80	5	112	
CHCH0417	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/02/74-09/26/74	0	36	
CHCH0418	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/01/72-06/03/75	2	30	
CHCH0421	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/02/74-09/26/74	0	34	
CHCH0428	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/23/60-11/15/62	1	41	
CHCH0433	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/11/90-09/13/90	0	8	
CHCH0435	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/09/90-09/13/90	0	36	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0452	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/19/81-08/19/81	0	1	
CHCH0456	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/23/75-09/14/76	0	13	
CHCH0006	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/07/76-04/21/77	0	2	
CHCH0007	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/31/76-08/31/76	0	1	
CHCH0008	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/03/79-05/22/80	0	2	
CHCH0010	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/01/79-05/21/80	0	2	
CHCH0017	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/01/79-05/22/80	0	2	
CHCH0021	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/26/76-09/01/81	5	5	
CHCH0032	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/23/58-06/25/74	16	2	
CHCH0037	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/26/76-05/21/80	3	4	
CHCH0047	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/26/76-05/21/80	3	4	
CHCH0054	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/27/82-05/25/88	5	62	
CHCH0059	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	11/22/72-05/21/80	7	8	
CHCH0065	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	11/30/82-05/25/88	5	34	
CHCH0149	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/03/58-05/25/65	7	3	
CHCH0348	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/18/68-09/16/68	0	2	
CHCH0416	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/19/76-08/23/77	0	4	
CHCH0452	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/19/81-08/19/81	0	1	
CHCH0054	No	00903	HARDNESS,NON-CARBONATE,FIXED ENDPT. TIT. LAB MG/L	10/27/87-09/27/88	0	7	
CHCH0065	No	00903	HARDNESS,NON-CARBONATE,FIXED ENDPT. TIT. LAB MG/L	11/23/87-09/27/88	0	6	
CHCH0082	No	00910	CALCIUM (MG/L AS CACO3)	07/14/82-07/15/82	0	2	
CHCH0092	No	00910	CALCIUM (MG/L AS CACO3)	07/14/82-07/15/82	0	2	
CHCH0104	No	00910	CALCIUM (MG/L AS CACO3)	07/14/82-07/15/82	0	2	
CHCH0121	No	00910	CALCIUM (MG/L AS CACO3)	07/14/82-07/15/82	0	2	
CHCH0125	No	00910	CALCIUM (MG/L AS CACO3)	07/14/82-07/15/82	0	2	
CHCH0127	No	00910	CALCIUM (MG/L AS CACO3)	07/14/82-07/15/82	0	2	
CHCH0136	No	00910	CALCIUM (MG/L AS CACO3)	07/14/82-07/15/82	0	2	
CHCH0142	No	00910	CALCIUM (MG/L AS CACO3)	07/14/82-07/15/82	0	2	
CHCH0157	No	00910	CALCIUM (MG/L AS CACO3)	07/14/82-07/15/82	0	2	
CHCH0158	No	00910	CALCIUM (MG/L AS CACO3)	07/14/82-07/15/82	0	2	
CHCH0160	No	00910	CALCIUM (MG/L AS CACO3)	07/14/82-07/15/82	0	2	
CHCH0164	No	00910	CALCIUM (MG/L AS CACO3)	07/14/82-07/15/82	0	2	
CHCH0184	No	00910	CALCIUM (MG/L AS CACO3)	07/14/82-07/15/82	0	2	
CHCH0280	No	00910	CALCIUM (MG/L AS CACO3)	07/02/74-09/26/74	0	33	
CHCH0284	No	00910	CALCIUM (MG/L AS CACO3)	07/02/74-09/26/74	0	30	
CHCH0287	No	00910	CALCIUM (MG/L AS CACO3)	08/01/72-01/01/85	12	144	
CHCH0289	No	00910	CALCIUM (MG/L AS CACO3)	07/02/74-09/26/74	0	33	
CHCH0316	No	00910	CALCIUM (MG/L AS CACO3)	02/14/77-02/14/77	0	1	
CHCH0329	No	00910	CALCIUM (MG/L AS CACO3)	08/01/72-08/29/77	5	56	
CHCH0383	No	00910	CALCIUM (MG/L AS CACO3)	07/02/74-09/26/74	0	33	
CHCH0385	No	00910	CALCIUM (MG/L AS CACO3)	07/02/74-09/26/74	0	34	
CHCH0389	No	00910	CALCIUM (MG/L AS CACO3)	07/02/74-09/26/74	0	34	
CHCH0407	No	00910	CALCIUM (MG/L AS CACO3)	07/02/74-09/26/74	0	36	
CHCH0417	No	00910	CALCIUM (MG/L AS CACO3)	07/02/74-09/26/74	0	36	
CHCH0418	No	00910	CALCIUM (MG/L AS CACO3)	08/01/72-06/03/75	2	30	
CHCH0421	No	00910	CALCIUM (MG/L AS CACO3)	07/02/74-09/26/74	0	34	
CHCH0428	No	00910	CALCIUM (MG/L AS CACO3)	11/23/60-11/15/62	1	41	
CHCH0006	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/07/76-04/21/77	0	2	
CHCH0008	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/03/79-05/22/80	0	2	
CHCH0010	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/01/79-05/21/80	0	2	
CHCH0017	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/01/79-05/22/80	0	2	
CHCH0021	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/26/76-09/01/81	5	5	
CHCH0032	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/23/58-06/25/74	16	2	
CHCH0037	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/26/76-05/21/80	3	4	
CHCH0047	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/26/76-05/21/80	3	4	
CHCH0059	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/05/66-05/21/80	13	10	
CHCH0149	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/03/58-05/25/65	7	3	
CHCH0159	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/21/92-04/15/93	0	3	
CHCH0245	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/27/92-03/31/93	0	3	
CHCH0276	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/30/92-04/05/93	0	3	
CHCH0326	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/03/92-03/02/93	0	3	
CHCH0348	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/10/67-02/14/97	29	9	
CHCH0452	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/19/81-08/19/81	0	1	
CHCH0459	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/92-03/12/93	0	3	
CHCH0004	No	00916	CALCIUM, TOTAL (MG/L AS CA)	01/28/69-12/01/69	0	11	
CHCH0005	No	00916	CALCIUM, TOTAL (MG/L AS CA)	02/25/69-12/01/69	0	11	
CHCH0012	No	00916	CALCIUM, TOTAL (MG/L AS CA)	02/12/86-08/15/96	10	14	
CHCH0015	No	00916	CALCIUM, TOTAL (MG/L AS CA)	01/28/69-12/03/69	0	12	
CHCH0020	No	00916	CALCIUM, TOTAL (MG/L AS CA)	02/25/69-12/04/69	0	11	
CHCH0023	No	00916	CALCIUM, TOTAL (MG/L AS CA)	02/25/69-12/01/69	0	11	
CHCH0026	No	00916	CALCIUM, TOTAL (MG/L AS CA)	02/25/69-12/04/69	0	11	
CHCH0032	No	00916	CALCIUM, TOTAL (MG/L AS CA)	06/17/71-06/17/71	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0038	No	00916	CALCIUM, TOTAL (MG/L AS CA)	01/27/69-12/03/69	0	11	
CHCH0043	No	00916	CALCIUM, TOTAL (MG/L AS CA)	02/26/69-12/02/69	0	11	
CHCH0053	No	00916	CALCIUM, TOTAL (MG/L AS CA)	01/28/69-12/01/69	0	12	
CHCH0055	No	00916	CALCIUM, TOTAL (MG/L AS CA)	07/02/91-07/02/91	0	1	
CHCH0064	No	00916	CALCIUM, TOTAL (MG/L AS CA)	02/25/69-12/04/69	0	11	
CHCH0076	No	00916	CALCIUM, TOTAL (MG/L AS CA)	01/27/69-12/03/69	0	12	
CHCH0126	No	00916	CALCIUM, TOTAL (MG/L AS CA)	02/26/69-12/02/69	0	10	
CHCH0150	No	00916	CALCIUM, TOTAL (MG/L AS CA)	10/23/75-09/14/76	0	13	
CHCH0151	No	00916	CALCIUM, TOTAL (MG/L AS CA)	02/26/69-11/10/80	11	15	
CHCH0169	No	00916	CALCIUM, TOTAL (MG/L AS CA)	01/24/73-12/04/73	0	13	
CHCH0178	No	00916	CALCIUM, TOTAL (MG/L AS CA)	01/24/73-12/05/73	0	13	
CHCH0190	No	00916	CALCIUM, TOTAL (MG/L AS CA)	09/07/67-09/07/67	0	1	
CHCH0191	No	00916	CALCIUM, TOTAL (MG/L AS CA)	09/07/67-09/07/67	0	2	
CHCH0226	No	00916	CALCIUM, TOTAL (MG/L AS CA)	01/23/73-12/05/73	0	24	
CHCH0237	No	00916	CALCIUM, TOTAL (MG/L AS CA)	09/07/67-09/07/67	0	1	
CHCH0241	No	00916	CALCIUM, TOTAL (MG/L AS CA)	06/26/80-06/26/80	0	1	
CHCH0242	No	00916	CALCIUM, TOTAL (MG/L AS CA)	06/26/80-06/26/80	0	1	
CHCH0251	No	00916	CALCIUM, TOTAL (MG/L AS CA)	01/23/73-12/04/73	0	13	
CHCH0252	No	00916	CALCIUM, TOTAL (MG/L AS CA)	02/26/73-02/26/73	0	1	
CHCH0286	No	00916	CALCIUM, TOTAL (MG/L AS CA)	01/23/73-12/04/73	0	66	
CHCH0308	No	00916	CALCIUM, TOTAL (MG/L AS CA)	09/07/67-09/07/67	0	1	
CHCH0310	No	00916	CALCIUM, TOTAL (MG/L AS CA)	09/07/67-12/05/73	6	25	
CHCH0335	No	00916	CALCIUM, TOTAL (MG/L AS CA)	01/24/73-12/05/73	0	14	
CHCH0342	No	00916	CALCIUM, TOTAL (MG/L AS CA)	02/26/69-12/04/73	4	25	
CHCH0347	No	00916	CALCIUM, TOTAL (MG/L AS CA)	01/23/73-12/05/73	0	13	
CHCH0392	No	00916	CALCIUM, TOTAL (MG/L AS CA)	09/07/67-09/07/67	0	1	
CHCH0401	No	00916	CALCIUM, TOTAL (MG/L AS CA)	01/23/73-12/05/73	0	13	
CHCH0409	No	00916	CALCIUM, TOTAL (MG/L AS CA)	01/23/73-09/30/74	1	35	
CHCH0413	No	00916	CALCIUM, TOTAL (MG/L AS CA)	01/23/73-12/04/73	0	24	
CHCH0416	No	00916	CALCIUM, TOTAL (MG/L AS CA)	10/01/74-02/15/79	4	113	
CHCH0433	No	00916	CALCIUM, TOTAL (MG/L AS CA)	07/12/60-10/18/88	28	64	
CHCH0443	No	00916	CALCIUM, TOTAL (MG/L AS CA)	05/31/89-08/11/92	3	6	
CHCH0445	No	00916	CALCIUM, TOTAL (MG/L AS CA)	01/23/73-12/05/73	0	46	
CHCH0448	No	00916	CALCIUM, TOTAL (MG/L AS CA)	09/07/67-09/07/67	0	1	
CHCH0456	No	00916	CALCIUM, TOTAL (MG/L AS CA)	10/23/75-09/14/76	0	13	
CHCH0457	No	00916	CALCIUM, TOTAL (MG/L AS CA)	01/24/73-11/16/76	3	16	
CHCH0055	No	00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	07/02/91-07/02/91	0	1	
CHCH0433	No	00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	05/30/90-08/17/95	5	6	
CHCH0280	No	00920	MAGNESIUM (MG/L AS CACO3)	07/02/74-09/26/74	0	33	
CHCH0284	No	00920	MAGNESIUM (MG/L AS CACO3)	07/02/74-09/26/74	0	30	
CHCH0287	No	00920	MAGNESIUM (MG/L AS CACO3)	08/01/72-08/01/76	4	49	
CHCH0289	No	00920	MAGNESIUM (MG/L AS CACO3)	07/02/74-09/26/74	0	33	
CHCH0316	No	00920	MAGNESIUM (MG/L AS CACO3)	02/14/77-02/14/77	0	1	
CHCH0329	No	00920	MAGNESIUM (MG/L AS CACO3)	08/01/72-08/29/77	5	56	
CHCH0383	No	00920	MAGNESIUM (MG/L AS CACO3)	07/02/74-09/26/74	0	33	
CHCH0385	No	00920	MAGNESIUM (MG/L AS CACO3)	07/02/74-09/26/74	0	34	
CHCH0389	No	00920	MAGNESIUM (MG/L AS CACO3)	07/02/74-09/26/74	0	34	
CHCH0407	No	00920	MAGNESIUM (MG/L AS CACO3)	07/02/74-09/26/74	0	36	
CHCH0417	No	00920	MAGNESIUM (MG/L AS CACO3)	07/02/74-09/26/74	0	36	
CHCH0418	No	00920	MAGNESIUM (MG/L AS CACO3)	08/01/72-06/03/75	2	30	
CHCH0421	No	00920	MAGNESIUM (MG/L AS CACO3)	07/02/74-09/26/74	0	34	
CHCH0428	No	00920	MAGNESIUM (MG/L AS CACO3)	11/23/60-11/15/62	1	41	
CHCH0055	No	00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	07/02/91-07/02/91	0	1	
CHCH0433	No	00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	05/30/90-08/17/95	5	6	
CHCH0003	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/27/77-09/27/77	0	1	
CHCH0006	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/07/76-04/21/77	0	2	
CHCH0007	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/31/76-08/31/76	0	1	
CHCH0008	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/03/79-05/22/80	0	2	
CHCH0010	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/01/79-05/21/80	0	2	
CHCH0017	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/01/79-05/22/80	0	2	
CHCH0021	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/26/76-09/01/81	5	5	
CHCH0032	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/23/58-06/25/74	16	2	
CHCH0037	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/26/76-05/21/80	3	4	
CHCH0039	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/27/77-09/27/77	0	1	
CHCH0047	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/26/76-05/21/80	3	4	
CHCH0059	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/05/66-05/21/80	13	10	
CHCH0141	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/21/78-09/21/78	0	1	
CHCH0149	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/03/58-05/25/65	7	3	
CHCH0159	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/21/92-04/15/93	0	3	
CHCH0161	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/19/78-09/19/78	0	1	
CHCH0203	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/19/78-09/19/78	0	1	
CHCH0215	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/24/78-08/24/78	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0244	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/02/78-10/02/78	0	1	
CHCH0245	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/27/92-03/31/93	0	3	
CHCH0276	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/30/92-04/05/93	0	3	
CHCH0277	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/24/78-08/24/78	0	1	
CHCH0326	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/03/92-03/02/93	0	3	
CHCH0348	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/10/67-02/14/97	29	9	
CHCH0439	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/19/78-09/19/78	0	1	
CHCH0451	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/25/78-08/25/78	0	1	
CHCH0452	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/19/81-08/19/81	0	1	
CHCH0459	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/92-03/12/93	0	3	
CHCH0462	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/20/78-09/20/78	0	1	
CHCH0463	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/24/78-08/24/78	0	1	
CHCH0004	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/28/69-12/01/69	0	11	
CHCH0005	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	02/25/69-12/01/69	0	11	
CHCH0012	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	02/12/86-08/15/96	10	14	
CHCH0015	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/28/69-12/03/69	0	12	
CHCH0020	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	02/25/69-12/04/69	0	11	
CHCH0023	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	02/25/69-12/01/69	0	11	
CHCH0026	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	02/25/69-12/04/69	0	11	
CHCH0032	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/17/71-06/17/71	0	1	
CHCH0038	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/27/69-12/03/69	0	11	
CHCH0043	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	02/26/69-12/02/69	0	11	
CHCH0053	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/28/69-12/01/69	0	12	
CHCH0055	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/02/91-07/02/91	0	1	
CHCH0064	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	02/25/69-12/04/69	0	11	
CHCH0076	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/27/69-12/03/69	0	12	
CHCH0082	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/14/82-07/15/82	0	2	
CHCH0092	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/14/82-07/15/82	0	2	
CHCH0104	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/14/82-07/15/82	0	2	
CHCH0121	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/14/82-07/15/82	0	2	
CHCH0125	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/14/82-07/15/82	0	2	
CHCH0126	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	02/26/69-12/02/69	0	10	
CHCH0127	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/14/82-07/15/82	0	2	
CHCH0136	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/14/82-07/15/82	0	2	
CHCH0142	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/14/82-07/15/82	0	2	
CHCH0150	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	10/23/75-09/14/76	0	13	
CHCH0151	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	02/26/69-11/10/80	11	15	
CHCH0157	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/14/82-07/15/82	0	2	
CHCH0158	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/14/82-07/15/82	0	2	
CHCH0160	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/14/82-07/15/82	0	2	
CHCH0164	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/14/82-07/15/82	0	2	
CHCH0169	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/24/73-12/04/73	0	13	
CHCH0178	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/24/73-12/05/73	0	13	
CHCH0184	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/14/82-07/15/82	0	2	
CHCH0190	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	09/07/67-09/07/67	0	1	
CHCH0191	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	09/07/67-09/07/67	0	2	
CHCH0226	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/23/73-12/05/73	0	24	
CHCH0237	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	09/07/67-09/07/67	0	1	
CHCH0241	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/26/80-06/26/80	0	1	
CHCH0242	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/26/80-06/26/80	0	1	
CHCH0251	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/23/73-12/04/73	0	13	
CHCH0252	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	02/26/73-02/26/73	0	1	
CHCH0286	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/23/73-12/04/73	0	66	
CHCH0287	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/01/76-01/01/85	8	95	
CHCH0308	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	09/07/67-09/07/67	0	1	
CHCH0310	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	09/07/67-12/05/73	6	25	
CHCH0335	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/24/73-12/05/73	0	14	
CHCH0342	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	02/26/69-12/04/73	4	25	
CHCH0347	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/23/73-12/05/73	0	13	
CHCH0392	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	09/07/67-09/07/67	0	1	
CHCH0401	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/23/73-12/05/73	0	13	
CHCH0409	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/23/73-09/30/74	1	35	
CHCH0413	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/23/73-12/04/73	0	24	
CHCH0416	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	10/01/74-02/15/79	4	113	
CHCH0426	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/12/60-06/14/61	0	25	
CHCH0433	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/12/60-10/18/88	28	64	
CHCH0443	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	05/31/89-08/11/92	3	5	
CHCH0445	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/23/73-12/05/73	0	46	
CHCH0448	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	09/07/67-09/07/67	0	1	
CHCH0456	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	10/23/75-09/14/76	0	13	
CHCH0457	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/24/73-11/16/76	3	16	
CHCH0004	No	00929	SODIUM, TOTAL (MG/L AS NA)	01/28/69-12/01/69	0	12	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0005	No	00929	SODIUM, TOTAL (MG/L AS NA)	02/25/69-12/01/69	0	10	
CHCH0012	No	00929	SODIUM, TOTAL (MG/L AS NA)	02/12/86-08/15/96	10	14	
CHCH0015	No	00929	SODIUM, TOTAL (MG/L AS NA)	01/28/69-12/03/69	0	12	
CHCH0020	No	00929	SODIUM, TOTAL (MG/L AS NA)	02/25/69-12/04/69	0	11	
CHCH0023	No	00929	SODIUM, TOTAL (MG/L AS NA)	02/25/69-12/01/69	0	11	
CHCH0026	No	00929	SODIUM, TOTAL (MG/L AS NA)	02/25/69-12/04/69	0	11	
CHCH0032	No	00929	SODIUM, TOTAL (MG/L AS NA)	06/17/71-06/17/71	0	1	
CHCH0038	No	00929	SODIUM, TOTAL (MG/L AS NA)	01/27/69-12/03/69	0	11	
CHCH0043	No	00929	SODIUM, TOTAL (MG/L AS NA)	02/26/69-12/02/69	0	11	
CHCH0053	No	00929	SODIUM, TOTAL (MG/L AS NA)	01/28/69-12/01/69	0	12	
CHCH0055	No	00929	SODIUM, TOTAL (MG/L AS NA)	07/02/91-07/02/91	0	1	
CHCH0064	No	00929	SODIUM, TOTAL (MG/L AS NA)	02/25/69-12/04/69	0	11	
CHCH0076	No	00929	SODIUM, TOTAL (MG/L AS NA)	01/27/69-12/03/69	0	12	
CHCH0082	No	00929	SODIUM, TOTAL (MG/L AS NA)	07/14/82-07/15/82	0	2	
CHCH0092	No	00929	SODIUM, TOTAL (MG/L AS NA)	07/14/82-07/15/82	0	2	
CHCH0104	No	00929	SODIUM, TOTAL (MG/L AS NA)	07/14/82-07/15/82	0	2	
CHCH0121	No	00929	SODIUM, TOTAL (MG/L AS NA)	07/14/82-07/15/82	0	2	
CHCH0125	No	00929	SODIUM, TOTAL (MG/L AS NA)	07/14/82-07/15/82	0	2	
CHCH0126	No	00929	SODIUM, TOTAL (MG/L AS NA)	02/26/69-12/02/69	0	11	
CHCH0127	No	00929	SODIUM, TOTAL (MG/L AS NA)	07/14/82-07/15/82	0	2	
CHCH0136	No	00929	SODIUM, TOTAL (MG/L AS NA)	07/14/82-07/15/82	0	2	
CHCH0142	No	00929	SODIUM, TOTAL (MG/L AS NA)	07/14/82-07/15/82	0	2	
CHCH0150	No	00929	SODIUM, TOTAL (MG/L AS NA)	10/23/75-09/14/76	0	13	
CHCH0151	No	00929	SODIUM, TOTAL (MG/L AS NA)	02/26/69-11/10/80	11	15	
CHCH0157	No	00929	SODIUM, TOTAL (MG/L AS NA)	07/14/82-07/15/82	0	2	
CHCH0158	No	00929	SODIUM, TOTAL (MG/L AS NA)	07/14/82-07/15/82	0	2	
CHCH0160	No	00929	SODIUM, TOTAL (MG/L AS NA)	07/14/82-07/15/82	0	2	
CHCH0164	No	00929	SODIUM, TOTAL (MG/L AS NA)	07/14/82-07/15/82	0	2	
CHCH0169	No	00929	SODIUM, TOTAL (MG/L AS NA)	01/24/73-12/04/73	0	13	
CHCH0178	No	00929	SODIUM, TOTAL (MG/L AS NA)	01/24/73-12/05/73	0	13	
CHCH0184	No	00929	SODIUM, TOTAL (MG/L AS NA)	07/14/82-07/15/82	0	2	
CHCH0190	No	00929	SODIUM, TOTAL (MG/L AS NA)	09/07/67-09/07/67	0	1	
CHCH0191	No	00929	SODIUM, TOTAL (MG/L AS NA)	09/07/67-09/07/67	0	2	
CHCH0226	No	00929	SODIUM, TOTAL (MG/L AS NA)	01/23/73-12/05/73	0	24	
CHCH0233	No	00929	SODIUM, TOTAL (MG/L AS NA)	11/03/69-11/03/69	0	1	
CHCH0237	No	00929	SODIUM, TOTAL (MG/L AS NA)	09/07/67-09/07/67	0	1	
CHCH0241	No	00929	SODIUM, TOTAL (MG/L AS NA)	06/26/80-06/26/80	0	1	
CHCH0242	No	00929	SODIUM, TOTAL (MG/L AS NA)	06/26/80-06/26/80	0	1	
CHCH0251	No	00929	SODIUM, TOTAL (MG/L AS NA)	01/23/73-12/04/73	0	13	
CHCH0252	No	00929	SODIUM, TOTAL (MG/L AS NA)	02/26/73-02/26/73	0	1	
CHCH0264	No	00929	SODIUM, TOTAL (MG/L AS NA)	11/03/69-11/03/69	0	1	
CHCH0280	No	00929	SODIUM, TOTAL (MG/L AS NA)	07/02/74-09/26/74	0	27	
CHCH0284	No	00929	SODIUM, TOTAL (MG/L AS NA)	07/02/74-09/26/74	0	26	
CHCH0286	No	00929	SODIUM, TOTAL (MG/L AS NA)	01/23/73-12/04/73	0	66	
CHCH0287	No	00929	SODIUM, TOTAL (MG/L AS NA)	08/01/72-01/01/85	12	147	
CHCH0289	No	00929	SODIUM, TOTAL (MG/L AS NA)	07/02/74-09/26/74	0	28	
CHCH0296	No	00929	SODIUM, TOTAL (MG/L AS NA)	11/03/69-11/03/69	0	1	
CHCH0308	No	00929	SODIUM, TOTAL (MG/L AS NA)	09/07/67-09/07/67	0	1	
CHCH0310	No	00929	SODIUM, TOTAL (MG/L AS NA)	09/07/67-12/05/73	6	25	
CHCH0316	No	00929	SODIUM, TOTAL (MG/L AS NA)	02/14/77-02/14/77	0	1	
CHCH0329	No	00929	SODIUM, TOTAL (MG/L AS NA)	08/01/72-08/29/77	5	56	
CHCH0335	No	00929	SODIUM, TOTAL (MG/L AS NA)	01/24/73-12/05/73	0	14	
CHCH0342	No	00929	SODIUM, TOTAL (MG/L AS NA)	02/26/69-12/04/73	4	25	
CHCH0347	No	00929	SODIUM, TOTAL (MG/L AS NA)	01/23/73-12/05/73	0	13	
CHCH0383	No	00929	SODIUM, TOTAL (MG/L AS NA)	07/02/74-09/26/74	0	27	
CHCH0385	No	00929	SODIUM, TOTAL (MG/L AS NA)	07/02/74-09/26/74	0	28	
CHCH0389	No	00929	SODIUM, TOTAL (MG/L AS NA)	07/02/74-09/26/74	0	28	
CHCH0392	No	00929	SODIUM, TOTAL (MG/L AS NA)	09/07/67-09/07/67	0	1	
CHCH0401	No	00929	SODIUM, TOTAL (MG/L AS NA)	01/23/73-12/05/73	0	13	
CHCH0407	No	00929	SODIUM, TOTAL (MG/L AS NA)	07/02/74-09/26/74	0	30	
CHCH0409	No	00929	SODIUM, TOTAL (MG/L AS NA)	01/23/73-09/30/74	1	34	
CHCH0413	No	00929	SODIUM, TOTAL (MG/L AS NA)	01/23/73-12/04/73	0	24	
CHCH0416	No	00929	SODIUM, TOTAL (MG/L AS NA)	10/01/74-02/15/79	4	113	
CHCH0417	No	00929	SODIUM, TOTAL (MG/L AS NA)	07/02/74-09/26/74	0	30	
CHCH0418	No	00929	SODIUM, TOTAL (MG/L AS NA)	08/01/72-06/03/75	2	30	
CHCH0421	No	00929	SODIUM, TOTAL (MG/L AS NA)	07/02/74-09/26/74	0	28	
CHCH0428	No	00929	SODIUM, TOTAL (MG/L AS NA)	11/23/60-11/15/62	1	42	
CHCH0433	No	00929	SODIUM, TOTAL (MG/L AS NA)	07/12/60-12/04/73	13	58	
CHCH0445	No	00929	SODIUM, TOTAL (MG/L AS NA)	01/23/73-12/05/73	0	46	
CHCH0448	No	00929	SODIUM, TOTAL (MG/L AS NA)	09/07/67-09/07/67	0	1	
CHCH0456	No	00929	SODIUM, TOTAL (MG/L AS NA)	10/23/75-09/14/76	0	13	
CHCH0457	No	00929	SODIUM, TOTAL (MG/L AS NA)	01/24/73-12/07/76	3	17	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0001	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/03/77-10/03/77	0	1	
CHCH0003	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/27/77-09/27/77	0	1	
CHCH0006	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/07/76-04/21/77	0	2	
CHCH0007	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/31/76-08/31/76	0	1	
CHCH0008	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/03/79-05/22/80	0	2	
CHCH0010	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/01/79-05/21/80	0	2	
CHCH0017	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/01/79-05/22/80	0	2	
CHCH0021	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/26/76-09/01/81	5	5	
CHCH0022	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/28/77-09/28/77	0	1	
CHCH0032	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/23/58-06/25/74	16	2	
CHCH0035	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/07/77-10/07/77	0	1	
CHCH0037	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/26/76-05/21/80	3	4	
CHCH0039	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/27/77-09/27/77	0	1	
CHCH0047	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/26/76-05/21/80	3	4	
CHCH0052	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/24/77-09/24/77	0	1	
CHCH0059	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/05/66-05/21/80	13	10	
CHCH0112	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/02/78-10/02/78	0	1	
CHCH0141	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/21/78-09/21/78	0	1	
CHCH0149	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/03/58-05/25/65	7	3	
CHCH0159	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/21/92-04/15/93	0	3	
CHCH0161	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/19/78-09/19/78	0	1	
CHCH0203	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/19/78-09/19/78	0	1	
CHCH0215	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/24/78-08/24/78	0	1	
CHCH0244	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/02/78-10/02/78	0	1	
CHCH0245	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/27/92-03/31/93	0	3	
CHCH0273	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/01/62-04/13/66	3	11	
CHCH0276	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/30/92-04/05/93	0	3	
CHCH0277	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/24/78-08/24/78	0	1	
CHCH0326	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/03/92-03/02/93	0	3	
CHCH0348	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/10/67-02/14/97	29	9	
CHCH0402	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/24/78-08/24/78	0	1	
CHCH0439	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/19/78-09/19/78	0	1	
CHCH0451	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/25/78-08/25/78	0	1	
CHCH0452	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/19/81-08/19/81	0	1	
CHCH0459	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/92-03/12/93	0	3	
CHCH0462	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/20/78-09/20/78	0	1	
CHCH0463	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/24/78-08/24/78	0	1	
CHCH0006	No	00931	SODIUM ADSORPTION RATIO	09/07/76-04/21/77	0	2	
CHCH0007	No	00931	SODIUM ADSORPTION RATIO	08/31/76-08/31/76	0	1	
CHCH0008	No	00931	SODIUM ADSORPTION RATIO	08/03/79-05/22/80	0	2	
CHCH0010	No	00931	SODIUM ADSORPTION RATIO	08/01/79-05/21/80	0	2	
CHCH0017	No	00931	SODIUM ADSORPTION RATIO	08/01/79-05/22/80	0	2	
CHCH0021	No	00931	SODIUM ADSORPTION RATIO	08/26/76-09/01/81	5	5	
CHCH0032	No	00931	SODIUM ADSORPTION RATIO	05/23/58-06/25/74	16	2	
CHCH0037	No	00931	SODIUM ADSORPTION RATIO	08/26/76-05/21/80	3	4	
CHCH0047	No	00931	SODIUM ADSORPTION RATIO	08/26/76-05/21/80	3	4	
CHCH0059	No	00931	SODIUM ADSORPTION RATIO	06/17/71-05/21/80	8	9	
CHCH0149	No	00931	SODIUM ADSORPTION RATIO	03/03/58-05/25/65	7	3	
CHCH0348	No	00931	SODIUM ADSORPTION RATIO	03/18/68-09/16/68	0	2	
CHCH0452	No	00931	SODIUM ADSORPTION RATIO	08/19/81-08/19/81	0	1	
CHCH0006	No	00932	SODIUM, PERCENT	09/07/76-04/21/77	0	2	
CHCH0007	No	00932	SODIUM, PERCENT	08/31/76-08/31/76	0	1	
CHCH0008	No	00932	SODIUM, PERCENT	08/03/79-05/22/80	0	2	
CHCH0010	No	00932	SODIUM, PERCENT	08/01/79-05/21/80	0	2	
CHCH0017	No	00932	SODIUM, PERCENT	08/01/79-05/22/80	0	2	
CHCH0021	No	00932	SODIUM, PERCENT	08/26/76-09/01/81	5	5	
CHCH0032	No	00932	SODIUM, PERCENT	05/23/58-06/25/74	16	2	
CHCH0037	No	00932	SODIUM, PERCENT	08/26/76-05/21/80	3	4	
CHCH0047	No	00932	SODIUM, PERCENT	08/26/76-05/21/80	3	4	
CHCH0059	No	00932	SODIUM, PERCENT	06/17/71-05/21/80	8	9	
CHCH0149	No	00932	SODIUM, PERCENT	03/03/58-05/25/65	7	3	
CHCH0348	No	00932	SODIUM, PERCENT	03/18/68-09/16/68	0	2	
CHCH0452	No	00932	SODIUM, PERCENT	08/19/81-08/19/81	0	1	
CHCH0008	No	00933	SODIUM,PLUS POTASSIUM (MG/L)	08/03/79-08/03/79	0	1	
CHCH0010	No	00933	SODIUM,PLUS POTASSIUM (MG/L)	08/01/79-08/01/79	0	1	
CHCH0017	No	00933	SODIUM,PLUS POTASSIUM (MG/L)	08/01/79-08/01/79	0	1	
CHCH0021	No	00933	SODIUM,PLUS POTASSIUM (MG/L)	08/01/79-08/01/79	0	1	
CHCH0037	No	00933	SODIUM,PLUS POTASSIUM (MG/L)	08/01/79-08/01/79	0	1	
CHCH0047	No	00933	SODIUM,PLUS POTASSIUM (MG/L)	08/01/79-08/01/79	0	1	
CHCH0059	No	00933	SODIUM,PLUS POTASSIUM (MG/L)	08/01/79-08/01/79	0	1	
CHCH0055	No	00934	SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	07/02/91-07/02/91	0	1	
CHCH0287	No	00934	SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	09/10/75-09/10/75	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0329	No	00934	SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	09/09/75-09/09/75	0	1	
CHCH0418	No	00934	SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	09/10/75-09/10/75	0	1	
CHCH0006	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/07/76-04/21/77	0	2	
CHCH0007	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/31/76-08/31/76	0	1	
CHCH0008	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/03/79-05/22/80	0	2	
CHCH0010	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/01/79-05/21/80	0	2	
CHCH0017	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/01/79-05/22/80	0	2	
CHCH0021	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/26/76-09/01/81	5	5	
CHCH0032	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/23/58-06/25/74	16	2	
CHCH0037	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/26/76-05/21/80	3	4	
CHCH0047	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/26/76-05/21/80	3	4	
CHCH0059	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/05/66-05/21/80	13	10	
CHCH0149	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/03/58-05/25/65	7	3	
CHCH0159	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/21/92-04/15/93	0	3	
CHCH0245	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/27/92-03/31/93	0	3	
CHCH0273	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/01/62-04/13/66	3	11	
CHCH0276	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/30/92-04/05/93	0	3	
CHCH0326	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/03/92-03/02/93	0	3	
CHCH0348	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/10/67-02/14/97	29	9	
CHCH0452	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/19/81-08/19/81	0	1	
CHCH0459	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/92-03/12/93	0	3	
CHCH0004	No	00937	POTASSIUM, TOTAL MG/L AS K)	01/28/69-12/01/69	0	12	
CHCH0005	No	00937	POTASSIUM, TOTAL MG/L AS K)	02/25/69-12/01/69	0	10	
CHCH0012	No	00937	POTASSIUM, TOTAL MG/L AS K)	02/12/86-08/13/98	12	15	
CHCH0015	No	00937	POTASSIUM, TOTAL MG/L AS K)	01/28/69-12/03/69	0	12	
CHCH0020	No	00937	POTASSIUM, TOTAL MG/L AS K)	02/25/69-12/04/69	0	11	
CHCH0023	No	00937	POTASSIUM, TOTAL MG/L AS K)	02/25/69-12/01/69	0	11	
CHCH0026	No	00937	POTASSIUM, TOTAL MG/L AS K)	02/25/69-12/04/69	0	11	
CHCH0032	No	00937	POTASSIUM, TOTAL MG/L AS K)	06/17/71-06/17/71	0	1	
CHCH0038	No	00937	POTASSIUM, TOTAL MG/L AS K)	01/27/69-12/03/69	0	11	
CHCH0043	No	00937	POTASSIUM, TOTAL MG/L AS K)	02/26/69-12/02/69	0	11	
CHCH0053	No	00937	POTASSIUM, TOTAL MG/L AS K)	01/28/69-12/01/69	0	12	
CHCH0055	No	00937	POTASSIUM, TOTAL MG/L AS K)	07/02/91-07/02/91	0	1	
CHCH0064	No	00937	POTASSIUM, TOTAL MG/L AS K)	02/25/69-12/04/69	0	11	
CHCH0076	No	00937	POTASSIUM, TOTAL MG/L AS K)	01/27/69-12/03/69	0	12	
CHCH0082	No	00937	POTASSIUM, TOTAL MG/L AS K)	07/14/82-07/15/82	0	2	
CHCH0092	No	00937	POTASSIUM, TOTAL MG/L AS K)	07/14/82-07/15/82	0	2	
CHCH0104	No	00937	POTASSIUM, TOTAL MG/L AS K)	07/14/82-07/15/82	0	2	
CHCH0121	No	00937	POTASSIUM, TOTAL MG/L AS K)	07/14/82-07/15/82	0	2	
CHCH0125	No	00937	POTASSIUM, TOTAL MG/L AS K)	07/14/82-07/15/82	0	2	
CHCH0126	No	00937	POTASSIUM, TOTAL MG/L AS K)	02/26/69-12/02/69	0	11	
CHCH0127	No	00937	POTASSIUM, TOTAL MG/L AS K)	07/14/82-07/15/82	0	2	
CHCH0136	No	00937	POTASSIUM, TOTAL MG/L AS K)	07/14/82-07/15/82	0	2	
CHCH0142	No	00937	POTASSIUM, TOTAL MG/L AS K)	07/14/82-07/15/82	0	2	
CHCH0150	No	00937	POTASSIUM, TOTAL MG/L AS K)	10/23/75-09/14/76	0	13	
CHCH0151	No	00937	POTASSIUM, TOTAL MG/L AS K)	02/26/69-11/10/80	11	15	
CHCH0157	No	00937	POTASSIUM, TOTAL MG/L AS K)	07/14/82-07/15/82	0	2	
CHCH0158	No	00937	POTASSIUM, TOTAL MG/L AS K)	07/14/82-07/15/82	0	2	
CHCH0160	No	00937	POTASSIUM, TOTAL MG/L AS K)	07/14/82-07/15/82	0	2	
CHCH0164	No	00937	POTASSIUM, TOTAL MG/L AS K)	07/14/82-07/15/82	0	2	
CHCH0169	No	00937	POTASSIUM, TOTAL MG/L AS K)	01/24/73-12/04/73	0	13	
CHCH0178	No	00937	POTASSIUM, TOTAL MG/L AS K)	01/24/73-12/05/73	0	13	
CHCH0184	No	00937	POTASSIUM, TOTAL MG/L AS K)	07/14/82-07/15/82	0	2	
CHCH0190	No	00937	POTASSIUM, TOTAL MG/L AS K)	09/07/67-09/07/67	0	1	
CHCH0191	No	00937	POTASSIUM, TOTAL MG/L AS K)	09/07/67-09/07/67	0	2	
CHCH0226	No	00937	POTASSIUM, TOTAL MG/L AS K)	01/23/73-12/05/73	0	24	
CHCH0233	No	00937	POTASSIUM, TOTAL MG/L AS K)	11/03/69-11/03/69	0	1	
CHCH0237	No	00937	POTASSIUM, TOTAL MG/L AS K)	09/07/67-09/07/67	0	1	
CHCH0251	No	00937	POTASSIUM, TOTAL MG/L AS K)	01/23/73-12/04/73	0	13	
CHCH0252	No	00937	POTASSIUM, TOTAL MG/L AS K)	02/26/73-02/26/73	0	1	
CHCH0264	No	00937	POTASSIUM, TOTAL MG/L AS K)	11/03/69-11/03/69	0	1	
CHCH0286	No	00937	POTASSIUM, TOTAL MG/L AS K)	01/23/73-12/04/73	0	66	
CHCH0287	No	00937	POTASSIUM, TOTAL MG/L AS K)	08/01/72-01/01/85	12	147	
CHCH0296	No	00937	POTASSIUM, TOTAL MG/L AS K)	11/03/69-11/03/69	0	1	
CHCH0308	No	00937	POTASSIUM, TOTAL MG/L AS K)	09/07/67-09/07/67	0	1	
CHCH0310	No	00937	POTASSIUM, TOTAL MG/L AS K)	09/07/67-12/05/73	6	25	
CHCH0316	No	00937	POTASSIUM, TOTAL MG/L AS K)	02/14/77-02/14/77	0	1	
CHCH0329	No	00937	POTASSIUM, TOTAL MG/L AS K)	08/01/72-08/29/77	5	56	
CHCH0335	No	00937	POTASSIUM, TOTAL MG/L AS K)	01/24/73-12/05/73	0	14	
CHCH0342	No	00937	POTASSIUM, TOTAL MG/L AS K)	02/26/69-12/04/73	4	25	
CHCH0347	No	00937	POTASSIUM, TOTAL MG/L AS K)	01/23/73-12/05/73	0	13	
CHCH0392	No	00937	POTASSIUM, TOTAL MG/L AS K)	09/07/67-09/07/67	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0401	No	00937	POTASSIUM, TOTAL MG/L AS K)	01/23/73-12/05/73	0	13	
CHCH0409	No	00937	POTASSIUM, TOTAL MG/L AS K)	01/23/73-09/30/74	1	34	
CHCH0413	No	00937	POTASSIUM, TOTAL MG/L AS K)	01/23/73-12/04/73	0	24	
CHCH0416	No	00937	POTASSIUM, TOTAL MG/L AS K)	10/01/74-02/15/79	4	113	
CHCH0418	No	00937	POTASSIUM, TOTAL MG/L AS K)	08/01/72-06/03/75	2	30	
CHCH0428	No	00937	POTASSIUM, TOTAL MG/L AS K)	11/23/60-11/15/62	1	42	
CHCH0433	No	00937	POTASSIUM, TOTAL MG/L AS K)	07/12/60-12/04/73	13	58	
CHCH0445	No	00937	POTASSIUM, TOTAL MG/L AS K)	01/23/73-12/05/73	0	46	
CHCH0448	No	00937	POTASSIUM, TOTAL MG/L AS K)	09/07/67-09/07/67	0	1	
CHCH0456	No	00937	POTASSIUM, TOTAL MG/L AS K)	10/23/75-09/14/76	0	13	
CHCH0457	No	00937	POTASSIUM, TOTAL MG/L AS K)	01/24/73-12/07/76	3	17	
CHCH0055	No	00938	POTASSIUM IN BOTTOM DEPOSITS (MG/KG AS K DRY WGT)	07/02/91-07/02/91	0	1	
CHCH0287	No	00938	POTASSIUM IN BOTTOM DEPOSITS (MG/KG AS K DRY WGT)	09/10/75-09/10/75	0	1	
CHCH0329	No	00938	POTASSIUM IN BOTTOM DEPOSITS (MG/KG AS K DRY WGT)	09/09/75-09/09/75	0	1	
CHCH0418	No	00938	POTASSIUM IN BOTTOM DEPOSITS (MG/KG AS K DRY WGT)	09/10/75-09/10/75	0	1	
CHCH0004	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/28/69-12/01/69	0	12	
CHCH0005	No	00940	CHLORIDE,TOTAL IN WATER MG/L	02/25/69-12/01/69	0	11	
CHCH0006	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/07/76-04/21/77	0	2	
CHCH0007	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/31/76-08/31/76	0	1	
CHCH0008	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/03/79-05/22/80	0	2	
CHCH0010	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/01/79-05/21/80	0	2	
CHCH0012	No	00940	CHLORIDE,TOTAL IN WATER MG/L	02/12/86-08/15/96	10	14	
CHCH0015	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/28/69-12/03/69	0	12	
CHCH0017	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/01/79-05/22/80	0	2	
CHCH0020	No	00940	CHLORIDE,TOTAL IN WATER MG/L	02/25/69-12/04/69	0	11	
CHCH0021	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/26/76-09/01/81	5	5	
CHCH0023	No	00940	CHLORIDE,TOTAL IN WATER MG/L	02/25/69-12/01/69	0	11	
CHCH0026	No	00940	CHLORIDE,TOTAL IN WATER MG/L	02/25/69-12/04/69	0	11	
CHCH0032	No	00940	CHLORIDE,TOTAL IN WATER MG/L	05/23/58-06/25/74	16	3	
CHCH0037	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/26/76-05/21/80	3	4	
CHCH0038	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/27/69-12/03/69	0	11	
CHCH0040	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/04/69-08/04/69	0	1	
CHCH0043	No	00940	CHLORIDE,TOTAL IN WATER MG/L	02/26/69-12/02/69	0	11	
CHCH0047	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/26/76-05/21/80	3	4	
CHCH0053	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/28/69-12/01/69	0	12	
CHCH0059	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/05/66-05/21/80	13	10	
CHCH0064	No	00940	CHLORIDE,TOTAL IN WATER MG/L	02/25/69-12/04/69	0	11	
CHCH0075	No	00940	CHLORIDE,TOTAL IN WATER MG/L	06/09/64-06/03/65	0	14	
CHCH0076	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/27/69-12/03/69	0	12	
CHCH0079	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/11/67-10/11/67	0	1	
CHCH0082	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/14/82-07/15/82	0	2	
CHCH0084	No	00940	CHLORIDE,TOTAL IN WATER MG/L	06/02/64-06/11/64	0	7	
CHCH0092	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/14/82-07/15/82	0	2	
CHCH0099	No	00940	CHLORIDE,TOTAL IN WATER MG/L	05/02/60-05/04/60	0	3	
CHCH0101	No	00940	CHLORIDE,TOTAL IN WATER MG/L	06/02/64-06/11/64	0	8	
CHCH0104	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/14/82-07/15/82	0	2	
CHCH0105	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/11/67-10/11/67	0	1	
CHCH0114	No	00940	CHLORIDE,TOTAL IN WATER MG/L	05/03/60-05/06/60	0	3	
CHCH0121	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/14/82-07/15/82	0	2	
CHCH0125	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/14/82-07/15/82	0	2	
CHCH0126	No	00940	CHLORIDE,TOTAL IN WATER MG/L	02/26/69-12/02/69	0	11	
CHCH0127	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/14/82-07/15/82	0	2	
CHCH0134	No	00940	CHLORIDE,TOTAL IN WATER MG/L	06/02/64-06/11/64	0	4	
CHCH0136	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/14/82-07/15/82	0	2	
CHCH0142	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/14/82-07/15/82	0	2	
CHCH0149	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/03/58-05/25/65	7	3	
CHCH0150	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/23/75-09/14/76	0	13	
CHCH0151	No	00940	CHLORIDE,TOTAL IN WATER MG/L	02/26/69-11/10/80	11	15	
CHCH0157	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/14/82-07/15/82	0	2	
CHCH0158	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/14/82-07/15/82	0	2	
CHCH0159	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/21/92-04/15/93	0	3	
CHCH0160	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/14/82-07/15/82	0	2	
CHCH0164	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/14/82-07/15/82	0	2	
CHCH0169	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/11/67-12/04/73	6	14	
CHCH0178	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/24/73-12/05/73	0	13	
CHCH0180	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/11/67-10/11/67	0	1	
CHCH0181	No	00940	CHLORIDE,TOTAL IN WATER MG/L	06/02/64-06/11/64	0	8	
CHCH0184	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/14/82-07/15/82	0	2	
CHCH0190	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/07/67-09/07/67	0	1	
CHCH0191	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/07/67-09/07/67	0	2	
CHCH0195	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/11/67-10/11/67	0	1	
CHCH0197	No	00940	CHLORIDE,TOTAL IN WATER MG/L	06/02/64-06/10/64	0	6	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0226	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/23/73-12/05/73	0	24	
CHCH0233	No	00940	CHLORIDE,TOTAL IN WATER MG/L	11/03/69-11/03/69	0	1	
CHCH0237	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/07/67-09/07/67	0	1	
CHCH0239	No	00940	CHLORIDE,TOTAL IN WATER MG/L	11/03/69-11/03/69	0	1	
CHCH0245	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/27/92-03/31/93	0	3	
CHCH0251	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/23/73-12/04/73	0	13	
CHCH0252	No	00940	CHLORIDE,TOTAL IN WATER MG/L	02/26/73-02/26/73	0	1	
CHCH0264	No	00940	CHLORIDE,TOTAL IN WATER MG/L	11/03/69-11/03/69	0	1	
CHCH0273	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/12/58-05/29/68	10	338	
CHCH0276	No	00940	CHLORIDE,TOTAL IN WATER MG/L	06/30/92-04/05/93	0	3	
CHCH0280	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/02/74-09/26/74	0	33	
CHCH0284	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/02/74-09/26/74	0	30	
CHCH0286	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/23/73-12/04/73	0	66	
CHCH0287	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/05/72-01/01/85	12	141	
CHCH0289	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/02/74-09/26/74	0	33	
CHCH0296	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/17/69-11/03/69	0	2	
CHCH0308	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/07/67-09/07/67	0	1	
CHCH0310	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/07/67-12/05/73	6	25	
CHCH0316	No	00940	CHLORIDE,TOTAL IN WATER MG/L	02/14/77-02/14/77	0	1	
CHCH0326	No	00940	CHLORIDE,TOTAL IN WATER MG/L	06/03/92-03/02/93	0	3	
CHCH0329	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/01/72-08/29/77	5	56	
CHCH0335	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/24/73-12/05/73	0	14	
CHCH0342	No	00940	CHLORIDE,TOTAL IN WATER MG/L	02/26/69-12/04/73	4	25	
CHCH0347	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/23/73-12/05/73	0	13	
CHCH0348	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/10/67-02/14/97	29	9	
CHCH0383	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/02/74-09/26/74	0	33	
CHCH0385	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/02/74-09/26/74	0	34	
CHCH0389	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/02/74-09/26/74	0	34	
CHCH0392	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/07/67-09/07/67	0	1	
CHCH0401	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/23/73-12/05/73	0	13	
CHCH0407	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/02/74-09/26/74	0	36	
CHCH0409	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/23/73-06/19/80	7	36	
CHCH0413	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/23/73-12/04/73	0	24	
CHCH0416	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/01/74-04/17/80	5	121	
CHCH0417	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/02/74-09/26/74	0	36	
CHCH0418	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/01/72-06/03/75	2	28	
CHCH0421	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/02/74-09/26/74	0	34	
CHCH0428	No	00940	CHLORIDE,TOTAL IN WATER MG/L	11/23/60-11/15/62	1	41	
CHCH0433	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/12/60-12/04/73	13	60	
CHCH0445	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/23/73-12/05/73	0	46	
CHCH0448	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/07/67-09/07/67	0	1	
CHCH0452	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/19/81-08/19/81	0	1	
CHCH0455	No	00940	CHLORIDE,TOTAL IN WATER MG/L	05/25/65-05/27/65	0	3	
CHCH0456	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/23/75-09/14/76	0	13	
CHCH0457	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/24/73-12/07/76	3	17	
CHCH0459	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/31/92-03/12/93	0	3	
CHCH0004	No	00945	SULFATE, TOTAL (MG/L AS SO4)	01/28/69-12/01/69	0	12	
CHCH0005	No	00945	SULFATE, TOTAL (MG/L AS SO4)	02/25/69-12/01/69	0	11	
CHCH0006	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/07/76-04/21/77	0	2	
CHCH0007	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/31/76-08/31/76	0	1	
CHCH0008	No	00945	SULFATE, TOTAL (MG/L AS SO4)	04/25/79-09/02/81	2	9	
CHCH0010	No	00945	SULFATE, TOTAL (MG/L AS SO4)	04/24/79-09/01/81	2	9	
CHCH0012	No	00945	SULFATE, TOTAL (MG/L AS SO4)	02/12/86-08/15/96	10	14	
CHCH0015	No	00945	SULFATE, TOTAL (MG/L AS SO4)	01/28/69-12/03/69	0	12	
CHCH0017	No	00945	SULFATE, TOTAL (MG/L AS SO4)	04/25/79-09/01/81	2	9	
CHCH0020	No	00945	SULFATE, TOTAL (MG/L AS SO4)	02/25/69-12/04/69	0	11	
CHCH0021	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/26/76-10/20/81	5	12	
CHCH0023	No	00945	SULFATE, TOTAL (MG/L AS SO4)	02/25/69-12/01/69	0	11	
CHCH0026	No	00945	SULFATE, TOTAL (MG/L AS SO4)	02/25/69-12/04/69	0	11	
CHCH0032	No	00945	SULFATE, TOTAL (MG/L AS SO4)	05/23/58-06/25/74	16	3	
CHCH0037	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/26/76-09/01/81	5	11	
CHCH0038	No	00945	SULFATE, TOTAL (MG/L AS SO4)	01/27/69-12/03/69	0	11	
CHCH0043	No	00945	SULFATE, TOTAL (MG/L AS SO4)	02/26/69-12/02/69	0	11	
CHCH0047	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/26/76-09/01/81	5	11	
CHCH0053	No	00945	SULFATE, TOTAL (MG/L AS SO4)	01/28/69-12/01/69	0	12	
CHCH0059	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/05/66-09/01/81	15	34	
CHCH0064	No	00945	SULFATE, TOTAL (MG/L AS SO4)	02/25/69-12/04/69	0	11	
CHCH0076	No	00945	SULFATE, TOTAL (MG/L AS SO4)	01/27/69-12/03/69	0	12	
CHCH0082	No	00945	SULFATE, TOTAL (MG/L AS SO4)	07/14/82-07/15/82	0	2	
CHCH0092	No	00945	SULFATE, TOTAL (MG/L AS SO4)	07/14/82-07/15/82	0	2	
CHCH0104	No	00945	SULFATE, TOTAL (MG/L AS SO4)	07/14/82-07/15/82	0	2	
CHCH0121	No	00945	SULFATE, TOTAL (MG/L AS SO4)	07/14/82-07/15/82	0	2	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0125	No	00945	SULFATE, TOTAL (MG/L AS SO4)	07/14/82-07/15/82	0	2	
CHCH0126	No	00945	SULFATE, TOTAL (MG/L AS SO4)	02/26/69-12/02/69	0	11	
CHCH0127	No	00945	SULFATE, TOTAL (MG/L AS SO4)	07/14/82-07/15/82	0	2	
CHCH0136	No	00945	SULFATE, TOTAL (MG/L AS SO4)	07/14/82-07/15/82	0	2	
CHCH0142	No	00945	SULFATE, TOTAL (MG/L AS SO4)	07/14/82-07/15/82	0	2	
CHCH0149	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/03/58-05/25/65	7	3	
CHCH0150	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/23/75-09/14/76	0	13	
CHCH0151	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/13/67-11/10/80	13	16	
CHCH0157	No	00945	SULFATE, TOTAL (MG/L AS SO4)	07/14/82-07/15/82	0	2	
CHCH0158	No	00945	SULFATE, TOTAL (MG/L AS SO4)	07/14/82-07/15/82	0	2	
CHCH0159	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/21/92-04/15/93	0	3	
CHCH0160	No	00945	SULFATE, TOTAL (MG/L AS SO4)	07/14/82-07/15/82	0	2	
CHCH0164	No	00945	SULFATE, TOTAL (MG/L AS SO4)	07/14/82-07/15/82	0	2	
CHCH0169	No	00945	SULFATE, TOTAL (MG/L AS SO4)	01/24/73-12/04/73	0	13	
CHCH0178	No	00945	SULFATE, TOTAL (MG/L AS SO4)	01/24/73-12/05/73	0	13	
CHCH0182	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/11/67-10/11/67	0	1	
CHCH0183	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/11/67-10/11/67	0	1	
CHCH0184	No	00945	SULFATE, TOTAL (MG/L AS SO4)	07/14/82-07/15/82	0	2	
CHCH0190	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/07/67-09/07/67	0	1	
CHCH0191	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/07/67-09/07/67	0	2	
CHCH0216	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/13/67-10/13/67	0	1	
CHCH0226	No	00945	SULFATE, TOTAL (MG/L AS SO4)	01/23/73-12/05/73	0	24	
CHCH0233	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/06/67-11/03/69	2	3	
CHCH0237	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/07/67-09/07/67	0	1	
CHCH0239	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/13/67-11/03/69	2	2	
CHCH0245	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/27/92-03/31/93	0	3	
CHCH0251	No	00945	SULFATE, TOTAL (MG/L AS SO4)	01/23/73-12/04/73	0	13	
CHCH0252	No	00945	SULFATE, TOTAL (MG/L AS SO4)	02/26/73-02/26/73	0	1	
CHCH0264	No	00945	SULFATE, TOTAL (MG/L AS SO4)	11/03/69-11/03/69	0	1	
CHCH0273	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/26/58-05/29/68	10	330	
CHCH0276	No	00945	SULFATE, TOTAL (MG/L AS SO4)	06/30/92-04/05/93	0	3	
CHCH0286	No	00945	SULFATE, TOTAL (MG/L AS SO4)	01/23/73-12/04/73	0	66	
CHCH0287	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/05/72-01/01/85	12	140	
CHCH0296	No	00945	SULFATE, TOTAL (MG/L AS SO4)	11/03/69-11/03/69	0	1	
CHCH0308	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/07/67-09/07/67	0	1	
CHCH0310	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/07/67-12/05/73	6	25	
CHCH0316	No	00945	SULFATE, TOTAL (MG/L AS SO4)	02/14/77-02/14/77	0	1	
CHCH0326	No	00945	SULFATE, TOTAL (MG/L AS SO4)	06/03/92-03/02/93	0	3	
CHCH0329	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/01/72-09/29/77	5	56	
CHCH0335	No	00945	SULFATE, TOTAL (MG/L AS SO4)	01/24/73-12/05/73	0	14	
CHCH0342	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/06/67-12/04/73	6	27	
CHCH0347	No	00945	SULFATE, TOTAL (MG/L AS SO4)	01/23/73-12/05/73	0	13	
CHCH0348	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/10/67-02/14/97	29	9	
CHCH0371	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/07/67-09/07/67	0	1	
CHCH0392	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/07/67-09/07/67	0	1	
CHCH0401	No	00945	SULFATE, TOTAL (MG/L AS SO4)	01/23/73-12/05/73	0	13	
CHCH0409	No	00945	SULFATE, TOTAL (MG/L AS SO4)	01/23/73-06/19/80	7	36	
CHCH0413	No	00945	SULFATE, TOTAL (MG/L AS SO4)	01/23/73-12/04/73	0	24	
CHCH0416	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/01/74-04/17/80	5	121	
CHCH0418	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/01/72-06/03/75	2	28	
CHCH0428	No	00945	SULFATE, TOTAL (MG/L AS SO4)	11/23/60-11/15/62	1	40	
CHCH0433	No	00945	SULFATE, TOTAL (MG/L AS SO4)	07/12/60-12/04/73	13	58	
CHCH0445	No	00945	SULFATE, TOTAL (MG/L AS SO4)	01/23/73-12/05/73	0	46	
CHCH0448	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/07/67-09/07/67	0	1	
CHCH0452	No	00945	SULFATE, TOTAL (MG/L AS SO4)	05/22/79-08/19/81	2	6	
CHCH0456	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/23/75-09/14/76	0	13	
CHCH0457	No	00945	SULFATE, TOTAL (MG/L AS SO4)	01/24/73-12/07/76	3	17	
CHCH0459	No	00945	SULFATE, TOTAL (MG/L AS SO4)	07/31/92-03/12/93	0	3	
CHCH0006	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/07/76-04/21/77	0	2	
CHCH0007	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/31/76-08/31/76	0	1	
CHCH0008	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/03/79-05/22/80	0	2	
CHCH0010	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/01/79-05/21/80	0	2	
CHCH0017	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/01/79-05/22/80	0	2	
CHCH0021	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/26/76-09/01/81	5	5	
CHCH0032	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/23/58-06/25/74	16	2	
CHCH0037	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/26/76-05/21/80	3	4	
CHCH0047	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/26/76-05/21/80	3	4	
CHCH0059	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/26/74-05/21/80	5	3	
CHCH0082	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/14/82-07/15/82	0	2	
CHCH0092	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/14/82-07/15/82	0	2	
CHCH0104	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/14/82-07/15/82	0	2	
CHCH0121	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/14/82-07/15/82	0	2	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0125	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/14/82-07/15/82	0	2	
CHCH0127	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/14/82-07/15/82	0	2	
CHCH0136	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/14/82-07/15/82	0	2	
CHCH0142	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/14/82-07/15/82	0	2	
CHCH0149	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/03/58-05/25/65	7	3	
CHCH0157	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/14/82-07/15/82	0	2	
CHCH0158	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/14/82-07/15/82	0	2	
CHCH0160	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/14/82-07/15/82	0	2	
CHCH0164	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/14/82-07/15/82	0	2	
CHCH0184	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/14/82-07/15/82	0	2	
CHCH0273	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/01/62-04/13/66	3	10	
CHCH0280	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/02/74-09/23/74	0	29	
CHCH0284	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/02/74-09/23/74	0	26	
CHCH0287	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/05/72-01/01/85	12	144	
CHCH0289	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/02/74-09/23/74	0	29	
CHCH0316	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/14/77-02/14/77	0	1	
CHCH0329	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/01/72-08/29/77	5	55	
CHCH0348	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/28/96-02/14/97	0	6	
CHCH0383	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/02/74-09/23/74	0	29	
CHCH0385	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/02/74-09/23/74	0	30	
CHCH0389	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/02/74-09/23/74	0	30	
CHCH0407	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/02/74-09/23/74	0	32	
CHCH0417	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/02/74-09/23/74	0	32	
CHCH0418	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/01/72-06/03/75	2	28	
CHCH0421	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/02/74-09/23/74	0	30	
CHCH0428	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/23/60-11/15/62	1	42	
CHCH0452	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/19/81-08/19/81	0	1	
CHCH0004	No	00951	FLUORIDE, TOTAL (MG/L AS F)	01/28/69-12/01/69	0	12	
CHCH0005	No	00951	FLUORIDE, TOTAL (MG/L AS F)	02/25/69-12/01/69	0	11	
CHCH0012	No	00951	FLUORIDE, TOTAL (MG/L AS F)	08/14/90-08/13/98	7	7	
CHCH0015	No	00951	FLUORIDE, TOTAL (MG/L AS F)	01/28/69-12/03/69	0	12	
CHCH0020	No	00951	FLUORIDE, TOTAL (MG/L AS F)	02/25/69-12/04/69	0	11	
CHCH0023	No	00951	FLUORIDE, TOTAL (MG/L AS F)	02/25/69-12/01/69	0	11	
CHCH0026	No	00951	FLUORIDE, TOTAL (MG/L AS F)	02/25/69-12/04/69	0	11	
CHCH0038	No	00951	FLUORIDE, TOTAL (MG/L AS F)	01/27/69-12/03/69	0	11	
CHCH0043	No	00951	FLUORIDE, TOTAL (MG/L AS F)	02/26/69-12/02/69	0	11	
CHCH0053	No	00951	FLUORIDE, TOTAL (MG/L AS F)	01/28/69-12/01/69	0	12	
CHCH0064	No	00951	FLUORIDE, TOTAL (MG/L AS F)	02/25/69-12/04/69	0	11	
CHCH0076	No	00951	FLUORIDE, TOTAL (MG/L AS F)	01/27/69-12/03/69	0	12	
CHCH0126	No	00951	FLUORIDE, TOTAL (MG/L AS F)	02/26/69-12/02/69	0	11	
CHCH0150	No	00951	FLUORIDE, TOTAL (MG/L AS F)	10/23/75-09/14/76	0	13	
CHCH0151	No	00951	FLUORIDE, TOTAL (MG/L AS F)	02/26/69-11/10/80	11	15	
CHCH0169	No	00951	FLUORIDE, TOTAL (MG/L AS F)	01/24/73-12/04/73	0	13	
CHCH0178	No	00951	FLUORIDE, TOTAL (MG/L AS F)	01/24/73-12/05/73	0	13	
CHCH0190	No	00951	FLUORIDE, TOTAL (MG/L AS F)	09/07/67-09/07/67	0	1	
CHCH0191	No	00951	FLUORIDE, TOTAL (MG/L AS F)	09/07/67-09/07/67	0	2	
CHCH0226	No	00951	FLUORIDE, TOTAL (MG/L AS F)	01/23/73-12/05/73	0	24	
CHCH0233	No	00951	FLUORIDE, TOTAL (MG/L AS F)	11/03/69-11/03/69	0	1	
CHCH0237	No	00951	FLUORIDE, TOTAL (MG/L AS F)	09/07/67-09/07/67	0	1	
CHCH0239	No	00951	FLUORIDE, TOTAL (MG/L AS F)	11/03/69-11/03/69	0	1	
CHCH0251	No	00951	FLUORIDE, TOTAL (MG/L AS F)	01/23/73-12/04/73	0	13	
CHCH0252	No	00951	FLUORIDE, TOTAL (MG/L AS F)	02/26/73-02/26/73	0	1	
CHCH0264	No	00951	FLUORIDE, TOTAL (MG/L AS F)	11/03/69-11/03/69	0	1	
CHCH0286	No	00951	FLUORIDE, TOTAL (MG/L AS F)	01/23/73-12/04/73	0	66	
CHCH0296	No	00951	FLUORIDE, TOTAL (MG/L AS F)	11/03/69-11/03/69	0	1	
CHCH0308	No	00951	FLUORIDE, TOTAL (MG/L AS F)	09/07/67-09/07/67	0	1	
CHCH0310	No	00951	FLUORIDE, TOTAL (MG/L AS F)	09/07/67-12/05/73	6	25	
CHCH0335	No	00951	FLUORIDE, TOTAL (MG/L AS F)	01/24/73-12/05/73	0	14	
CHCH0342	No	00951	FLUORIDE, TOTAL (MG/L AS F)	02/26/69-12/04/73	4	25	
CHCH0347	No	00951	FLUORIDE, TOTAL (MG/L AS F)	01/23/73-12/05/73	0	13	
CHCH0392	No	00951	FLUORIDE, TOTAL (MG/L AS F)	09/07/67-09/07/67	0	1	
CHCH0401	No	00951	FLUORIDE, TOTAL (MG/L AS F)	01/23/73-12/05/73	0	13	
CHCH0409	No	00951	FLUORIDE, TOTAL (MG/L AS F)	01/23/73-12/16/74	1	111	
CHCH0413	No	00951	FLUORIDE, TOTAL (MG/L AS F)	01/23/73-12/04/73	0	24	
CHCH0416	No	00951	FLUORIDE, TOTAL (MG/L AS F)	10/01/74-11/29/77	3	104	
CHCH0433	No	00951	FLUORIDE, TOTAL (MG/L AS F)	01/23/73-12/04/73	0	35	
CHCH0445	No	00951	FLUORIDE, TOTAL (MG/L AS F)	01/23/73-12/05/73	0	46	
CHCH0448	No	00951	FLUORIDE, TOTAL (MG/L AS F)	09/07/67-09/07/67	0	1	
CHCH0456	No	00951	FLUORIDE, TOTAL (MG/L AS F)	10/23/75-09/14/76	0	12	
CHCH0457	No	00951	FLUORIDE, TOTAL (MG/L AS F)	01/24/73-12/07/76	3	17	
CHCH0006	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/07/76-04/21/77	0	2	
CHCH0007	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/31/76-08/31/76	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0008	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/03/79-05/22/80	0	2	
CHCH0010	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/01/79-05/21/80	0	2	
CHCH0017	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/01/79-05/22/80	0	2	
CHCH0021	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/26/76-09/01/81	5	5	
CHCH0032	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/23/58-06/25/74	16	2	
CHCH0037	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/26/76-05/21/80	3	4	
CHCH0047	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/26/76-05/21/80	3	4	
CHCH0059	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/05/66-05/21/80	13	9	
CHCH0149	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/03/58-05/25/65	7	3	
CHCH0150	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/23/75-09/14/76	0	13	
CHCH0151	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/12/76-12/07/76	0	3	
CHCH0287	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/01/74-01/01/85	10	112	
CHCH0329	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/12/73-03/12/73	0	1	
CHCH0348	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/10/67-02/14/97	29	9	
CHCH0416	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/17/75-02/08/77	1	23	
CHCH0428	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	11/30/60-11/15/62	1	41	
CHCH0452	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/19/81-08/19/81	0	1	
CHCH0456	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/23/75-09/14/76	0	13	
CHCH0457	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/12/76-12/07/76	0	3	
CHCH0004	No	00956	SILICA, TOTAL (MG/L AS SI02)	01/28/69-12/01/69	0	12	
CHCH0005	No	00956	SILICA, TOTAL (MG/L AS SI02)	02/25/69-12/01/69	0	11	
CHCH0015	No	00956	SILICA, TOTAL (MG/L AS SI02)	01/28/69-12/03/69	0	12	
CHCH0020	No	00956	SILICA, TOTAL (MG/L AS SI02)	02/25/69-12/04/69	0	11	
CHCH0023	No	00956	SILICA, TOTAL (MG/L AS SI02)	02/25/69-12/01/69	0	11	
CHCH0026	No	00956	SILICA, TOTAL (MG/L AS SI02)	02/25/69-12/04/69	0	11	
CHCH0038	No	00956	SILICA, TOTAL (MG/L AS SI02)	01/27/69-12/03/69	0	11	
CHCH0043	No	00956	SILICA, TOTAL (MG/L AS SI02)	02/26/69-12/02/69	0	11	
CHCH0053	No	00956	SILICA, TOTAL (MG/L AS SI02)	01/28/69-12/01/69	0	12	
CHCH0064	No	00956	SILICA, TOTAL (MG/L AS SI02)	02/25/69-12/04/69	0	11	
CHCH0076	No	00956	SILICA, TOTAL (MG/L AS SI02)	01/27/69-12/03/69	0	12	
CHCH0126	No	00956	SILICA, TOTAL (MG/L AS SI02)	02/26/69-12/02/69	0	11	
CHCH0130	No	00956	SILICA, TOTAL (MG/L AS SI02)	11/05/69-11/05/69	0	1	
CHCH0151	No	00956	SILICA, TOTAL (MG/L AS SI02)	02/26/69-12/02/69	0	11	
CHCH0169	No	00956	SILICA, TOTAL (MG/L AS SI02)	01/24/73-12/04/73	0	13	
CHCH0178	No	00956	SILICA, TOTAL (MG/L AS SI02)	01/24/73-12/05/73	0	13	
CHCH0190	No	00956	SILICA, TOTAL (MG/L AS SI02)	09/07/67-09/07/67	0	1	
CHCH0191	No	00956	SILICA, TOTAL (MG/L AS SI02)	09/07/67-09/07/67	0	2	
CHCH0226	No	00956	SILICA, TOTAL (MG/L AS SI02)	01/23/73-12/05/73	0	24	
CHCH0233	No	00956	SILICA, TOTAL (MG/L AS SI02)	11/03/69-11/03/69	0	1	
CHCH0237	No	00956	SILICA, TOTAL (MG/L AS SI02)	09/07/67-09/07/67	0	1	
CHCH0239	No	00956	SILICA, TOTAL (MG/L AS SI02)	07/17/69-11/03/69	0	2	
CHCH0251	No	00956	SILICA, TOTAL (MG/L AS SI02)	01/23/73-12/04/73	0	13	
CHCH0252	No	00956	SILICA, TOTAL (MG/L AS SI02)	02/26/73-02/26/73	0	1	
CHCH0264	No	00956	SILICA, TOTAL (MG/L AS SI02)	07/17/69-11/03/69	0	2	
CHCH0286	No	00956	SILICA, TOTAL (MG/L AS SI02)	01/23/73-12/04/73	0	66	
CHCH0296	No	00956	SILICA, TOTAL (MG/L AS SI02)	07/17/69-11/03/69	0	2	
CHCH0308	No	00956	SILICA, TOTAL (MG/L AS SI02)	09/07/67-09/07/67	0	1	
CHCH0310	No	00956	SILICA, TOTAL (MG/L AS SI02)	09/07/67-12/05/73	6	25	
CHCH0335	No	00956	SILICA, TOTAL (MG/L AS SI02)	01/24/73-12/05/73	0	14	
CHCH0342	No	00956	SILICA, TOTAL (MG/L AS SI02)	02/26/69-12/04/73	4	25	
CHCH0347	No	00956	SILICA, TOTAL (MG/L AS SI02)	01/23/73-12/05/73	0	13	
CHCH0392	No	00956	SILICA, TOTAL (MG/L AS SI02)	09/07/67-09/07/67	0	1	
CHCH0401	No	00956	SILICA, TOTAL (MG/L AS SI02)	01/23/73-12/05/73	0	13	
CHCH0409	No	00956	SILICA, TOTAL (MG/L AS SI02)	01/23/73-02/05/75	2	116	
CHCH0413	No	00956	SILICA, TOTAL (MG/L AS SI02)	01/23/73-12/04/73	0	24	
CHCH0433	No	00956	SILICA, TOTAL (MG/L AS SI02)	07/12/60-12/04/73	13	58	
CHCH0445	No	00956	SILICA, TOTAL (MG/L AS SI02)	01/23/73-12/05/73	0	46	
CHCH0448	No	00956	SILICA, TOTAL (MG/L AS SI02)	09/07/67-09/07/67	0	1	
CHCH0457	No	00956	SILICA, TOTAL (MG/L AS SI02)	01/24/73-12/04/73	0	14	
CHCH0006	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/07/76-04/21/77	0	2	
CHCH0007	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/31/76-08/31/76	0	1	
CHCH0021	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/26/76-04/21/77	0	2	
CHCH0032	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	06/25/74-06/25/74	0	1	
CHCH0037	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/26/76-04/28/77	0	2	
CHCH0047	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/26/76-04/22/77	0	2	
CHCH0059	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	06/26/74-06/26/74	0	1	
CHCH0065	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/23/91-09/23/91	0	1	
CHCH0272	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/12/70-10/12/70	0	1	
CHCH0273	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/01/62-04/01/67	4	13	
CHCH0442	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/12/70-10/12/70	0	1	
CHCH0008	No	01002	ARSENIC, TOTAL (UG/L AS AS)	08/03/79-05/22/80	0	2	
CHCH0010	No	01002	ARSENIC, TOTAL (UG/L AS AS)	08/01/79-05/21/80	0	2	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0012	No	01002	ARSENIC, TOTAL (UG/L AS AS)	02/12/86-08/13/98	12	15	
CHCH0017	No	01002	ARSENIC, TOTAL (UG/L AS AS)	08/01/79-05/22/80	0	2	
CHCH0021	No	01002	ARSENIC, TOTAL (UG/L AS AS)	08/01/79-09/01/81	2	3	
CHCH0024	No	01002	ARSENIC, TOTAL (UG/L AS AS)	07/17/81-07/17/81	0	1	
CHCH0037	No	01002	ARSENIC, TOTAL (UG/L AS AS)	08/01/79-05/21/80	0	2	
CHCH0047	No	01002	ARSENIC, TOTAL (UG/L AS AS)	08/01/79-05/21/80	0	2	
CHCH0055	No	01002	ARSENIC, TOTAL (UG/L AS AS)	10/16/73-08/30/94	20	10	
CHCH0059	No	01002	ARSENIC, TOTAL (UG/L AS AS)	08/01/79-05/21/80	0	2	
CHCH0061	No	01002	ARSENIC, TOTAL (UG/L AS AS)	09/10/80-09/10/80	0	1	
CHCH0062	No	01002	ARSENIC, TOTAL (UG/L AS AS)	02/27/73-03/07/73	0	7	
CHCH0065	No	01002	ARSENIC, TOTAL (UG/L AS AS)	09/23/91-09/23/91	0	1	
CHCH0085	No	01002	ARSENIC, TOTAL (UG/L AS AS)	09/10/80-09/10/80	0	1	
CHCH0090	No	01002	ARSENIC, TOTAL (UG/L AS AS)	09/10/80-09/10/80	0	1	
CHCH0102	No	01002	ARSENIC, TOTAL (UG/L AS AS)	02/27/73-03/07/73	0	7	
CHCH0104	No	01002	ARSENIC, TOTAL (UG/L AS AS)	07/14/82-07/14/82	0	1	
CHCH0107	No	01002	ARSENIC, TOTAL (UG/L AS AS)	09/10/80-09/10/80	0	1	
CHCH0111	No	01002	ARSENIC, TOTAL (UG/L AS AS)	09/10/80-09/10/80	0	1	
CHCH0122	No	01002	ARSENIC, TOTAL (UG/L AS AS)	09/10/80-09/10/80	0	1	
CHCH0127	No	01002	ARSENIC, TOTAL (UG/L AS AS)	07/14/82-07/14/82	0	1	
CHCH0137	No	01002	ARSENIC, TOTAL (UG/L AS AS)	09/10/80-09/10/80	0	2	
CHCH0142	No	01002	ARSENIC, TOTAL (UG/L AS AS)	07/14/82-07/15/82	0	2	
CHCH0147	No	01002	ARSENIC, TOTAL (UG/L AS AS)	07/10/95-02/23/98	2	6	
CHCH0156	No	01002	ARSENIC, TOTAL (UG/L AS AS)	09/10/80-09/10/80	0	1	
CHCH0157	No	01002	ARSENIC, TOTAL (UG/L AS AS)	07/14/82-07/15/82	0	2	
CHCH0158	No	01002	ARSENIC, TOTAL (UG/L AS AS)	07/14/82-07/14/82	0	1	
CHCH0159	No	01002	ARSENIC, TOTAL (UG/L AS AS)	08/21/92-04/15/93	0	3	
CHCH0160	No	01002	ARSENIC, TOTAL (UG/L AS AS)	07/14/82-07/14/82	0	1	
CHCH0163	No	01002	ARSENIC, TOTAL (UG/L AS AS)	09/10/80-09/10/80	0	1	
CHCH0164	No	01002	ARSENIC, TOTAL (UG/L AS AS)	07/14/82-07/15/82	0	2	
CHCH0169	No	01002	ARSENIC, TOTAL (UG/L AS AS)	01/24/73-09/10/80	7	14	
CHCH0170	No	01002	ARSENIC, TOTAL (UG/L AS AS)	02/27/73-03/07/73	0	7	
CHCH0177	No	01002	ARSENIC, TOTAL (UG/L AS AS)	10/18/82-12/15/98	16	168	
CHCH0178	No	01002	ARSENIC, TOTAL (UG/L AS AS)	01/24/73-12/05/73	0	13	
CHCH0184	No	01002	ARSENIC, TOTAL (UG/L AS AS)	07/14/82-07/15/82	0	2	
CHCH0188	No	01002	ARSENIC, TOTAL (UG/L AS AS)	09/10/80-09/10/80	0	1	
CHCH0189	No	01002	ARSENIC, TOTAL (UG/L AS AS)	09/10/80-09/10/80	0	1	
CHCH0226	No	01002	ARSENIC, TOTAL (UG/L AS AS)	01/23/73-12/05/73	0	24	
CHCH0227	No	01002	ARSENIC, TOTAL (UG/L AS AS)	06/07/83-06/07/83	0	1	
CHCH0241	No	01002	ARSENIC, TOTAL (UG/L AS AS)	06/26/80-06/26/80	0	1	
CHCH0242	No	01002	ARSENIC, TOTAL (UG/L AS AS)	06/26/80-06/26/80	0	1	
CHCH0245	No	01002	ARSENIC, TOTAL (UG/L AS AS)	08/27/92-03/31/93	0	3	
CHCH0251	No	01002	ARSENIC, TOTAL (UG/L AS AS)	01/23/73-12/04/73	0	13	
CHCH0252	No	01002	ARSENIC, TOTAL (UG/L AS AS)	02/26/73-02/26/73	0	1	
CHCH0276	No	01002	ARSENIC, TOTAL (UG/L AS AS)	06/30/92-04/05/93	0	3	
CHCH0286	No	01002	ARSENIC, TOTAL (UG/L AS AS)	01/23/73-12/04/73	0	66	
CHCH0287	No	01002	ARSENIC, TOTAL (UG/L AS AS)	03/12/73-06/01/80	7	68	
CHCH0299	No	01002	ARSENIC, TOTAL (UG/L AS AS)	11/30/77-12/15/98	21	220	T,A
CHCH0300	No	01002	ARSENIC, TOTAL (UG/L AS AS)	06/20/72-06/24/72	0	5	
CHCH0310	No	01002	ARSENIC, TOTAL (UG/L AS AS)	01/23/73-12/05/73	0	24	
CHCH0326	No	01002	ARSENIC, TOTAL (UG/L AS AS)	06/03/92-03/02/93	0	3	
CHCH0329	No	01002	ARSENIC, TOTAL (UG/L AS AS)	08/01/72-04/18/77	4	10	
CHCH0330	No	01002	ARSENIC, TOTAL (UG/L AS AS)	06/20/72-06/22/72	0	3	
CHCH0342	No	01002	ARSENIC, TOTAL (UG/L AS AS)	01/24/73-12/04/73	0	14	
CHCH0347	No	01002	ARSENIC, TOTAL (UG/L AS AS)	01/23/73-12/05/73	0	13	
CHCH0354	No	01002	ARSENIC, TOTAL (UG/L AS AS)	11/30/77-04/07/98	20	112	T
CHCH0378	No	01002	ARSENIC, TOTAL (UG/L AS AS)	06/20/72-06/24/72	0	5	
CHCH0401	No	01002	ARSENIC, TOTAL (UG/L AS AS)	01/23/73-01/23/73	0	1	
CHCH0409	No	01002	ARSENIC, TOTAL (UG/L AS AS)	01/23/73-08/14/74	1	14	
CHCH0413	No	01002	ARSENIC, TOTAL (UG/L AS AS)	01/23/73-12/04/73	0	24	
CHCH0416	No	01002	ARSENIC, TOTAL (UG/L AS AS)	11/13/74-02/08/77	2	10	
CHCH0418	No	01002	ARSENIC, TOTAL (UG/L AS AS)	08/01/72-02/11/75	2	6	
CHCH0433	No	01002	ARSENIC, TOTAL (UG/L AS AS)	01/23/73-12/04/73	0	35	
CHCH0445	No	01002	ARSENIC, TOTAL (UG/L AS AS)	01/23/73-12/05/73	0	46	
CHCH0452	No	01002	ARSENIC, TOTAL (UG/L AS AS)	08/19/81-08/19/81	0	1	
CHCH0459	No	01002	ARSENIC, TOTAL (UG/L AS AS)	07/31/92-03/12/93	0	3	
CHCH0008	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	09/02/81-09/02/81	0	1	
CHCH0010	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/18/79-05/21/80	1	2	
CHCH0017	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	09/01/81-09/01/81	0	1	
CHCH0021	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/18/79-09/01/81	2	2	
CHCH0037	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	05/10/79-05/10/79	0	1	
CHCH0047	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/18/79-05/21/80	1	2	
CHCH0055	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	10/25/79-07/02/91	11	6	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0059	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/18/79-08/20/80	1	2	
CHCH0061	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0077	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	10/06/82-10/06/82	0	1	
CHCH0085	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0089	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	03/08/73-03/08/73	0	1	
CHCH0090	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0107	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0111	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0122	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0137	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	09/11/80-09/11/80	0	2	
CHCH0156	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	09/12/80-09/12/80	0	1	
CHCH0163	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	09/12/80-09/12/80	0	1	
CHCH0169	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	09/12/80-09/12/80	0	1	
CHCH0170	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	03/08/73-03/08/73	0	1	
CHCH0188	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0189	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0287	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	09/10/75-09/10/75	0	1	
CHCH0329	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	09/09/75-09/09/75	0	1	
CHCH0418	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	09/10/75-09/10/75	0	1	
CHCH0433	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	06/18/73-08/17/95	22	3	
CHCH0443	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	11/08/72-11/08/72	0	1	
CHCH0452	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	09/05/79-07/15/80	0	2	
CHCH0099	No	01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	06/12/85-06/12/85	0	3	
CHCH0177	No	01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	05/02/84-05/02/84	0	3	
CHCH0299	No	01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	07/12/78-08/03/82	4	29	
CHCH0313	No	01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	10/24/86-12/09/90	4	3	
CHCH0354	No	01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	07/11/78-05/02/84	5	30	
CHCH0431	No	01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	10/14/92-10/14/92	0	1	
CHCH0007	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/31/76-08/31/76	0	1	
CHCH0273	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	10/01/62-04/01/67	4	13	
CHCH0012	No	01007	BARIUM, TOTAL (UG/L AS BA)	02/12/86-08/15/96	10	14	
CHCH0021	No	01007	BARIUM, TOTAL (UG/L AS BA)	09/01/81-09/01/81	0	1	
CHCH0055	No	01007	BARIUM, TOTAL (UG/L AS BA)	07/29/74-07/02/91	16	4	
CHCH0104	No	01007	BARIUM, TOTAL (UG/L AS BA)	07/14/82-07/14/82	0	1	
CHCH0121	No	01007	BARIUM, TOTAL (UG/L AS BA)	07/14/82-07/15/82	0	2	
CHCH0125	No	01007	BARIUM, TOTAL (UG/L AS BA)	07/14/82-07/15/82	0	2	
CHCH0127	No	01007	BARIUM, TOTAL (UG/L AS BA)	07/14/82-07/15/82	0	2	
CHCH0136	No	01007	BARIUM, TOTAL (UG/L AS BA)	07/14/82-07/15/82	0	2	
CHCH0142	No	01007	BARIUM, TOTAL (UG/L AS BA)	07/14/82-07/15/82	0	2	
CHCH0151	No	01007	BARIUM, TOTAL (UG/L AS BA)	11/10/80-11/10/80	0	1	
CHCH0157	No	01007	BARIUM, TOTAL (UG/L AS BA)	07/14/82-07/15/82	0	2	
CHCH0158	No	01007	BARIUM, TOTAL (UG/L AS BA)	07/15/82-07/15/82	0	1	
CHCH0160	No	01007	BARIUM, TOTAL (UG/L AS BA)	07/14/82-07/15/82	0	2	
CHCH0164	No	01007	BARIUM, TOTAL (UG/L AS BA)	07/14/82-07/15/82	0	2	
CHCH0169	No	01007	BARIUM, TOTAL (UG/L AS BA)	01/24/73-12/04/73	0	13	
CHCH0178	No	01007	BARIUM, TOTAL (UG/L AS BA)	01/24/73-12/05/73	0	13	
CHCH0184	No	01007	BARIUM, TOTAL (UG/L AS BA)	07/14/82-07/15/82	0	2	
CHCH0226	No	01007	BARIUM, TOTAL (UG/L AS BA)	01/23/73-12/05/73	0	24	
CHCH0241	No	01007	BARIUM, TOTAL (UG/L AS BA)	06/26/80-06/26/80	0	1	
CHCH0242	No	01007	BARIUM, TOTAL (UG/L AS BA)	06/26/80-06/26/80	0	1	
CHCH0251	No	01007	BARIUM, TOTAL (UG/L AS BA)	01/23/73-12/04/73	0	13	
CHCH0252	No	01007	BARIUM, TOTAL (UG/L AS BA)	02/26/73-02/26/73	0	1	
CHCH0286	No	01007	BARIUM, TOTAL (UG/L AS BA)	01/23/73-12/04/73	0	66	
CHCH0287	No	01007	BARIUM, TOTAL (UG/L AS BA)	08/01/72-01/01/85	12	124	
CHCH0310	No	01007	BARIUM, TOTAL (UG/L AS BA)	01/23/73-12/05/73	0	24	
CHCH0329	No	01007	BARIUM, TOTAL (UG/L AS BA)	08/01/72-04/18/77	4	10	
CHCH0342	No	01007	BARIUM, TOTAL (UG/L AS BA)	01/24/73-12/04/73	0	14	
CHCH0347	No	01007	BARIUM, TOTAL (UG/L AS BA)	01/23/73-12/05/73	0	13	
CHCH0409	No	01007	BARIUM, TOTAL (UG/L AS BA)	01/23/73-08/14/74	1	14	
CHCH0413	No	01007	BARIUM, TOTAL (UG/L AS BA)	01/23/73-12/04/73	0	24	
CHCH0416	No	01007	BARIUM, TOTAL (UG/L AS BA)	11/13/74-11/29/77	3	13	
CHCH0418	No	01007	BARIUM, TOTAL (UG/L AS BA)	08/01/72-02/11/75	2	6	
CHCH0433	No	01007	BARIUM, TOTAL (UG/L AS BA)	01/23/73-12/04/73	0	35	
CHCH0445	No	01007	BARIUM, TOTAL (UG/L AS BA)	01/23/73-12/05/73	0	46	
CHCH0452	No	01007	BARIUM, TOTAL (UG/L AS BA)	08/19/81-08/19/81	0	1	
CHCH0055	No	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	07/02/91-07/02/91	0	1	
CHCH0287	No	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	09/10/75-09/10/75	0	1	
CHCH0329	No	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	09/09/75-09/09/75	0	1	
CHCH0418	No	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	09/10/75-09/10/75	0	1	
CHCH0433	No	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	06/18/73-06/18/73	0	1	
CHCH0443	No	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	11/08/72-11/08/72	0	1	
CHCH0065	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	09/23/91-09/23/91	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0273	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	10/01/62-04/01/67	4	13	
CHCH0012	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	02/12/86-08/13/98	12	15	
CHCH0055	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	07/02/91-08/30/94	3	2	
CHCH0061	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	09/10/80-09/10/80	0	1	
CHCH0065	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	09/23/91-09/23/91	0	1	
CHCH0085	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	09/10/80-09/10/80	0	1	
CHCH0090	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	09/10/80-09/10/80	0	1	
CHCH0107	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	09/10/80-09/10/80	0	1	
CHCH0111	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	09/10/80-09/10/80	0	1	
CHCH0122	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	09/10/80-09/10/80	0	1	
CHCH0137	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	09/10/80-09/10/80	0	2	
CHCH0151	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	11/10/80-11/10/80	0	1	
CHCH0156	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	09/10/80-09/10/80	0	1	
CHCH0159	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	08/21/92-04/15/93	0	3	
CHCH0163	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	09/10/80-09/10/80	0	1	
CHCH0169	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	01/24/73-09/10/80	7	14	
CHCH0178	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	01/24/73-12/05/73	0	13	
CHCH0188	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	09/10/80-09/10/80	0	1	
CHCH0189	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	09/10/80-09/10/80	0	1	
CHCH0226	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	01/23/73-12/05/73	0	24	
CHCH0241	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	06/26/80-06/26/80	0	1	
CHCH0242	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	06/26/80-06/26/80	0	1	
CHCH0245	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	12/16/92-03/31/93	0	2	
CHCH0251	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	01/23/73-12/04/73	0	13	
CHCH0252	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	02/26/73-02/26/73	0	1	
CHCH0276	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	06/30/92-04/05/93	0	3	
CHCH0286	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	01/23/73-12/04/73	0	66	
CHCH0310	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	01/23/73-12/05/73	0	24	
CHCH0326	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	06/03/92-03/02/93	0	3	
CHCH0342	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	01/24/73-12/04/73	0	14	
CHCH0347	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	01/23/73-12/05/73	0	13	
CHCH0409	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	01/23/73-08/14/74	1	14	
CHCH0413	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	01/23/73-12/04/73	0	24	
CHCH0416	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	11/13/74-11/29/77	3	13	
CHCH0433	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	01/23/73-12/04/73	0	35	
CHCH0445	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	01/23/73-12/05/73	0	46	
CHCH0459	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	07/31/92-03/12/93	0	3	
CHCH0055	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	07/02/91-07/02/91	0	1	
CHCH0061	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0085	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0090	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0107	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0111	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0122	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0137	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	09/11/80-09/11/80	0	2	
CHCH0156	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	09/12/80-09/12/80	0	1	
CHCH0163	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	09/12/80-09/12/80	0	1	
CHCH0169	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	09/12/80-09/12/80	0	1	
CHCH0188	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0189	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0433	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/18/73-06/08/82	8	2	
CHCH0443	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	11/08/72-11/08/72	0	1	
CHCH0012	No	01017	BISMUTH, TOTAL (UG/L AS BI)	02/12/86-08/13/98	12	15	
CHCH0273	No	01020	BORON, DISSOLVED (UG/L AS B)	10/01/62-04/01/67	4	13	
CHCH0151	No	01022	BORON, TOTAL (UG/L AS B)	11/10/80-11/10/80	0	1	
CHCH0409	No	01022	BORON, TOTAL (UG/L AS B)	07/30/73-08/14/74	1	4	
CHCH0416	No	01022	BORON, TOTAL (UG/L AS B)	02/05/75-02/08/77	2	9	
CHCH0443	No	01022	BORON, TOTAL (UG/L AS B)	05/31/89-08/11/92	3	5	
CHCH0006	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/07/76-04/21/77	0	2	
CHCH0007	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/31/76-08/31/76	0	1	
CHCH0021	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/26/76-04/21/77	0	2	
CHCH0032	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/25/74-06/25/74	0	1	
CHCH0037	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/26/76-04/28/77	0	2	
CHCH0047	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/26/76-04/22/77	0	2	
CHCH0059	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/26/74-06/26/74	0	1	
CHCH0065	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/23/91-09/23/91	0	1	
CHCH0272	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/12/70-10/12/70	0	1	
CHCH0273	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/01/62-04/01/67	4	13	
CHCH0442	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/12/70-10/12/70	0	1	
CHCH0008	No	01027	CADMIUM, TOTAL (UG/L AS CD)	08/03/79-05/22/80	0	2	
CHCH0010	No	01027	CADMIUM, TOTAL (UG/L AS CD)	08/01/79-05/21/80	0	2	
CHCH0012	No	01027	CADMIUM, TOTAL (UG/L AS CD)	02/12/86-08/13/98	12	15	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0017	No	01027	CADMIUM, TOTAL (UG/L AS CD)	08/01/79-05/22/80	0	2	
CHCH0021	No	01027	CADMIUM, TOTAL (UG/L AS CD)	08/01/79-09/01/81	2	3	
CHCH0024	No	01027	CADMIUM, TOTAL (UG/L AS CD)	07/17/81-07/17/81	0	1	
CHCH0037	No	01027	CADMIUM, TOTAL (UG/L AS CD)	08/01/79-05/21/80	0	2	
CHCH0047	No	01027	CADMIUM, TOTAL (UG/L AS CD)	08/01/79-05/21/80	0	2	
CHCH0055	No	01027	CADMIUM, TOTAL (UG/L AS CD)	10/16/73-08/30/94	20	11	
CHCH0059	No	01027	CADMIUM, TOTAL (UG/L AS CD)	08/01/79-05/21/80	0	2	
CHCH0061	No	01027	CADMIUM, TOTAL (UG/L AS CD)	09/10/80-09/10/80	0	1	
CHCH0065	No	01027	CADMIUM, TOTAL (UG/L AS CD)	09/23/91-09/23/91	0	1	
CHCH0085	No	01027	CADMIUM, TOTAL (UG/L AS CD)	09/10/80-09/10/80	0	1	
CHCH0090	No	01027	CADMIUM, TOTAL (UG/L AS CD)	09/10/80-09/10/80	0	1	
CHCH0107	No	01027	CADMIUM, TOTAL (UG/L AS CD)	09/10/80-09/10/80	0	1	
CHCH0111	No	01027	CADMIUM, TOTAL (UG/L AS CD)	09/10/80-09/10/80	0	1	
CHCH0122	No	01027	CADMIUM, TOTAL (UG/L AS CD)	09/10/80-09/10/80	0	1	
CHCH0137	No	01027	CADMIUM, TOTAL (UG/L AS CD)	09/10/80-09/10/80	0	2	
CHCH0142	No	01027	CADMIUM, TOTAL (UG/L AS CD)	07/15/82-07/15/82	0	1	
CHCH0147	No	01027	CADMIUM, TOTAL (UG/L AS CD)	07/10/95-02/23/98	2	6	
CHCH0151	No	01027	CADMIUM, TOTAL (UG/L AS CD)	11/10/80-11/10/80	0	1	
CHCH0156	No	01027	CADMIUM, TOTAL (UG/L AS CD)	09/10/80-09/10/80	0	1	
CHCH0157	No	01027	CADMIUM, TOTAL (UG/L AS CD)	07/14/82-07/14/82	0	1	
CHCH0159	No	01027	CADMIUM, TOTAL (UG/L AS CD)	08/21/92-04/15/93	0	3	
CHCH0160	No	01027	CADMIUM, TOTAL (UG/L AS CD)	07/14/82-07/14/82	0	1	
CHCH0163	No	01027	CADMIUM, TOTAL (UG/L AS CD)	09/10/80-09/10/80	0	1	
CHCH0164	No	01027	CADMIUM, TOTAL (UG/L AS CD)	07/14/82-07/15/82	0	2	
CHCH0169	No	01027	CADMIUM, TOTAL (UG/L AS CD)	01/24/73-09/10/80	7	14	
CHCH0177	No	01027	CADMIUM, TOTAL (UG/L AS CD)	10/18/82-12/15/98	16	168	
CHCH0178	No	01027	CADMIUM, TOTAL (UG/L AS CD)	01/24/73-12/05/73	0	13	
CHCH0184	No	01027	CADMIUM, TOTAL (UG/L AS CD)	07/14/82-07/14/82	0	1	
CHCH0188	No	01027	CADMIUM, TOTAL (UG/L AS CD)	09/10/80-09/10/80	0	1	
CHCH0189	No	01027	CADMIUM, TOTAL (UG/L AS CD)	09/10/80-09/10/80	0	1	
CHCH0226	No	01027	CADMIUM, TOTAL (UG/L AS CD)	01/23/73-12/05/73	0	24	
CHCH0227	No	01027	CADMIUM, TOTAL (UG/L AS CD)	06/07/83-06/07/83	0	1	
CHCH0241	No	01027	CADMIUM, TOTAL (UG/L AS CD)	06/26/80-06/26/80	0	1	
CHCH0242	No	01027	CADMIUM, TOTAL (UG/L AS CD)	06/26/80-06/26/80	0	1	
CHCH0245	No	01027	CADMIUM, TOTAL (UG/L AS CD)	08/27/92-03/31/93	0	3	
CHCH0251	No	01027	CADMIUM, TOTAL (UG/L AS CD)	01/23/73-12/04/73	0	13	
CHCH0252	No	01027	CADMIUM, TOTAL (UG/L AS CD)	02/26/73-02/26/73	0	1	
CHCH0276	No	01027	CADMIUM, TOTAL (UG/L AS CD)	06/30/92-04/05/93	0	3	
CHCH0280	No	01027	CADMIUM, TOTAL (UG/L AS CD)	07/02/74-09/26/74	0	33	
CHCH0284	No	01027	CADMIUM, TOTAL (UG/L AS CD)	07/02/74-09/26/74	0	30	
CHCH0286	No	01027	CADMIUM, TOTAL (UG/L AS CD)	01/23/73-12/04/73	0	66	
CHCH0287	No	01027	CADMIUM, TOTAL (UG/L AS CD)	03/12/73-01/01/85	11	123	
CHCH0289	No	01027	CADMIUM, TOTAL (UG/L AS CD)	07/02/74-09/26/74	0	33	
CHCH0299	No	01027	CADMIUM, TOTAL (UG/L AS CD)	11/30/77-12/15/98	21	220	T,A
CHCH0310	No	01027	CADMIUM, TOTAL (UG/L AS CD)	01/23/73-12/05/73	0	24	
CHCH0326	No	01027	CADMIUM, TOTAL (UG/L AS CD)	06/03/92-03/02/93	0	3	
CHCH0329	No	01027	CADMIUM, TOTAL (UG/L AS CD)	08/01/72-04/18/77	4	10	
CHCH0342	No	01027	CADMIUM, TOTAL (UG/L AS CD)	01/24/73-12/04/73	0	14	
CHCH0347	No	01027	CADMIUM, TOTAL (UG/L AS CD)	01/23/73-12/05/73	0	13	
CHCH0354	No	01027	CADMIUM, TOTAL (UG/L AS CD)	11/30/77-04/07/98	20	111	T
CHCH0383	No	01027	CADMIUM, TOTAL (UG/L AS CD)	07/02/74-09/26/74	0	33	
CHCH0385	No	01027	CADMIUM, TOTAL (UG/L AS CD)	07/02/74-09/26/74	0	34	
CHCH0389	No	01027	CADMIUM, TOTAL (UG/L AS CD)	07/02/74-09/26/74	0	34	
CHCH0407	No	01027	CADMIUM, TOTAL (UG/L AS CD)	07/02/74-09/26/74	0	36	
CHCH0409	No	01027	CADMIUM, TOTAL (UG/L AS CD)	01/23/73-06/19/80	7	120	
CHCH0413	No	01027	CADMIUM, TOTAL (UG/L AS CD)	01/23/73-12/04/73	0	24	
CHCH0416	No	01027	CADMIUM, TOTAL (UG/L AS CD)	10/01/74-04/17/80	5	102	
CHCH0417	No	01027	CADMIUM, TOTAL (UG/L AS CD)	07/02/74-09/26/74	0	36	
CHCH0418	No	01027	CADMIUM, TOTAL (UG/L AS CD)	08/01/72-02/11/75	2	6	
CHCH0421	No	01027	CADMIUM, TOTAL (UG/L AS CD)	07/02/74-09/26/74	0	34	
CHCH0433	No	01027	CADMIUM, TOTAL (UG/L AS CD)	01/23/73-12/04/73	0	35	
CHCH0443	No	01027	CADMIUM, TOTAL (UG/L AS CD)	05/31/89-08/11/92	3	5	
CHCH0445	No	01027	CADMIUM, TOTAL (UG/L AS CD)	01/23/73-12/05/73	0	46	
CHCH0452	No	01027	CADMIUM, TOTAL (UG/L AS CD)	08/19/81-08/19/81	0	1	
CHCH0459	No	01027	CADMIUM, TOTAL (UG/L AS CD)	07/31/92-03/12/93	0	3	
CHCH0008	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/02/81-09/02/81	0	1	
CHCH0010	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/18/79-05/21/80	1	2	
CHCH0017	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/01/81-09/01/81	0	1	
CHCH0021	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/18/79-09/01/81	2	2	
CHCH0037	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/10/79-05/10/79	0	1	
CHCH0047	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/18/79-05/21/80	1	2	
CHCH0055	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/16/73-07/02/91	17	10	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0059	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/18/79-08/20/80	1	2	
CHCH0061	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0077	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/06/82-10/06/82	0	1	
CHCH0085	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0090	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0107	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0111	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0122	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0137	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/11/80-09/11/80	0	2	
CHCH0156	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/12/80-09/12/80	0	1	
CHCH0163	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/12/80-09/12/80	0	1	
CHCH0169	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/12/80-09/12/80	0	1	
CHCH0188	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0189	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0287	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/10/75-09/10/75	0	1	
CHCH0329	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/09/75-09/09/75	0	1	
CHCH0418	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/10/75-09/10/75	0	1	
CHCH0433	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/18/73-08/17/95	22	8	
CHCH0443	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/08/72-11/08/72	0	1	
CHCH0452	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/05/79-07/15/80	0	2	
CHCH0008	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/02/81-09/02/81	0	1	
CHCH0010	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/18/79-05/21/80	1	2	
CHCH0017	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/01/81-09/01/81	0	1	
CHCH0021	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/18/79-09/01/81	2	2	
CHCH0037	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/10/79-05/10/79	0	1	
CHCH0047	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/18/79-05/21/80	1	2	
CHCH0055	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/16/73-07/02/91	17	10	
CHCH0059	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/18/79-08/20/80	1	2	
CHCH0061	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0077	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/06/82-10/06/82	0	1	
CHCH0085	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0089	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/08/73-03/08/73	0	1	
CHCH0090	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0091	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/18/81-11/18/81	0	1	
CHCH0104	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/18/81-11/18/81	0	1	
CHCH0107	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0111	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0122	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0125	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/18/81-11/18/81	0	1	
CHCH0127	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/18/81-11/18/81	0	1	
CHCH0135	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/18/81-11/18/81	0	1	
CHCH0136	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/16/81-11/18/81	0	2	
CHCH0137	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/11/80-09/11/80	0	2	
CHCH0142	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/16/81-11/16/81	0	1	
CHCH0143	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/18/81-11/18/81	0	1	
CHCH0148	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/16/81-11/16/81	0	1	
CHCH0154	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/16/81-11/16/81	0	1	
CHCH0156	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/12/80-09/12/80	0	1	
CHCH0157	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/16/81-11/16/81	0	1	
CHCH0158	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/16/81-11/16/81	0	1	
CHCH0160	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/16/81-11/16/81	0	1	
CHCH0163	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/12/80-09/12/80	0	1	
CHCH0169	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/12/80-09/12/80	0	1	
CHCH0170	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/08/73-03/08/73	0	1	
CHCH0173	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/16/81-11/16/81	0	2	
CHCH0184	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/16/81-11/16/81	0	1	
CHCH0188	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0189	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0193	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/16/81-11/16/81	0	1	
CHCH0287	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/10/75-09/10/75	0	1	
CHCH0329	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/09/75-09/09/75	0	1	
CHCH0418	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/10/75-09/10/75	0	1	
CHCH0433	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/18/73-08/17/95	22	8	
CHCH0443	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/08/72-11/08/72	0	1	
CHCH0452	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/05/79-07/15/80	0	2	
CHCH0006	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/07/76-04/21/77	0	2	
CHCH0007	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/31/76-08/31/76	0	1	
CHCH0021	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/26/76-04/21/77	0	2	
CHCH0032	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/25/74-06/25/74	0	1	
CHCH0037	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/26/76-04/28/77	0	2	
CHCH0047	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/26/76-04/22/77	0	2	
CHCH0059	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/26/74-06/26/74	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0065	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/23/91-09/23/91	0	1	
CHCH0273	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/01/62-04/01/67	4	13	
CHCH0065	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	09/23/91-09/23/91	0	1	
CHCH0105	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	08/13/69-08/13/69	0	1	
CHCH0169	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	08/13/69-08/13/69	0	1	
CHCH0272	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	10/12/70-10/12/70	0	1	
CHCH0442	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	10/12/70-10/12/70	0	1	
CHCH0329	No	01033	CHROMIUM, TRI-VAL (UG/L AS CR)	03/12/73-03/12/73	0	1	
CHCH0008	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	08/03/79-05/22/80	0	2	
CHCH0010	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	08/01/79-05/21/80	0	2	
CHCH0012	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	02/12/86-08/13/98	12	15	
CHCH0017	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	08/01/79-05/22/80	0	2	
CHCH0021	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	08/01/79-09/01/81	2	3	
CHCH0024	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/17/81-07/17/81	0	1	
CHCH0037	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	08/01/79-05/21/80	0	2	
CHCH0047	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	08/01/79-05/21/80	0	2	
CHCH0055	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/16/73-07/02/91	17	9	
CHCH0059	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	08/01/79-05/21/80	0	2	
CHCH0061	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	09/10/80-09/10/80	0	1	
CHCH0062	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	02/27/73-03/07/73	0	7	
CHCH0065	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	09/23/91-09/23/91	0	1	
CHCH0069	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	03/06/73-03/06/73	0	1	
CHCH0073	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	03/06/73-03/06/73	0	1	
CHCH0074	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	03/06/73-03/07/73	0	2	
CHCH0077	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/06/82-10/06/82	0	1	
CHCH0079	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	09/07/67-10/11/67	0	2	
CHCH0082	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/14/82-07/14/82	0	1	
CHCH0085	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	09/10/80-09/10/80	0	1	
CHCH0090	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	09/10/80-09/10/80	0	1	
CHCH0092	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/14/82-07/14/82	0	1	
CHCH0102	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	02/27/73-03/07/73	0	7	
CHCH0104	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/14/82-07/14/82	0	1	
CHCH0105	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	09/07/67-12/03/69	2	14	
CHCH0107	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	09/10/80-09/10/80	0	1	
CHCH0111	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	09/10/80-09/10/80	0	1	
CHCH0113	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	03/02/73-03/02/73	0	1	
CHCH0121	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/14/82-07/15/82	0	2	
CHCH0122	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	09/10/80-09/10/80	0	1	
CHCH0123	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	02/27/73-03/01/73	0	3	
CHCH0125	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/14/82-07/14/82	0	1	
CHCH0127	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/14/82-07/15/82	0	2	
CHCH0136	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/14/82-07/15/82	0	2	
CHCH0137	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	09/10/80-09/10/80	0	2	
CHCH0142	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/14/82-07/15/82	0	2	
CHCH0147	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/10/95-02/23/98	2	6	
CHCH0151	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	11/10/80-11/10/80	0	1	
CHCH0156	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	09/10/80-09/10/80	0	1	
CHCH0157	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/14/82-07/15/82	0	2	
CHCH0158	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/14/82-07/15/82	0	2	
CHCH0159	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	08/21/92-04/15/93	0	3	
CHCH0160	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/14/82-07/15/82	0	2	
CHCH0163	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	09/07/67-09/10/80	13	2	
CHCH0164	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/14/82-07/15/82	0	2	
CHCH0168	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	02/27/73-03/01/73	0	3	
CHCH0169	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	09/07/67-09/10/80	13	26	
CHCH0170	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	02/27/73-03/07/73	0	7	
CHCH0177	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/18/82-12/15/98	16	168	
CHCH0178	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	01/24/73-12/05/73	0	13	
CHCH0180	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	09/07/67-10/11/67	0	2	
CHCH0184	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/14/82-07/15/82	0	2	
CHCH0188	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	09/10/80-09/10/80	0	1	
CHCH0189	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	09/10/80-09/10/80	0	1	
CHCH0190	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	09/07/67-09/07/67	0	1	
CHCH0191	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	09/07/67-09/07/67	0	2	
CHCH0195	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	09/07/67-10/11/67	0	2	
CHCH0199	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	05/24/73-05/24/73	0	1	
CHCH0200	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	05/24/73-05/24/73	0	1	
CHCH0201	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	05/24/73-05/24/73	0	1	
CHCH0211	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	03/07/73-03/08/73	0	2	
CHCH0214	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	03/07/73-03/08/73	0	2	
CHCH0217	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	02/27/73-02/28/73	0	2	
CHCH0222	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	06/19/72-06/23/72	0	5	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0223	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	03/07/73-03/08/73	0	2	
CHCH0226	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	01/23/73-12/05/73	0	24	
CHCH0227	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	06/07/83-06/07/83	0	1	
CHCH0228	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	03/07/73-03/08/73	0	2	
CHCH0235	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	06/23/72-06/24/72	0	2	
CHCH0237	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	09/07/67-09/07/67	0	1	
CHCH0241	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	06/26/80-06/26/80	0	1	
CHCH0242	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	06/26/80-06/26/80	0	1	
CHCH0245	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	08/27/92-03/31/93	0	3	
CHCH0249	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	06/23/72-06/23/72	0	1	
CHCH0250	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	02/27/73-03/06/73	0	5	
CHCH0251	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	01/23/73-12/04/73	0	13	
CHCH0252	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	02/26/73-02/26/73	0	1	
CHCH0254	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	06/19/72-06/23/72	0	5	
CHCH0259	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	03/07/73-03/07/73	0	1	
CHCH0261	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	06/23/72-06/24/72	0	2	
CHCH0263	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	06/23/72-06/24/72	0	2	
CHCH0266	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	11/28/72-01/03/73	0	45	
CHCH0267	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	11/28/72-01/03/73	0	45	
CHCH0276	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	06/30/92-04/05/93	0	3	
CHCH0280	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/02/74-09/26/74	0	33	
CHCH0284	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/02/74-09/26/74	0	30	
CHCH0286	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	05/04/71-12/04/73	2	76	
CHCH0287	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	03/12/73-01/01/85	11	116	
CHCH0289	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/02/74-09/26/74	0	33	
CHCH0292	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	06/20/72-06/24/72	0	5	
CHCH0293	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	06/23/72-06/24/72	0	2	
CHCH0299	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	11/30/77-12/15/98	21	220	T,A
CHCH0300	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	06/20/72-06/24/72	0	5	
CHCH0303	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	03/06/73-03/08/73	0	3	
CHCH0304	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	03/06/73-03/08/73	0	3	
CHCH0305	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	03/06/73-03/08/73	0	4	
CHCH0306	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	03/06/73-03/08/73	0	3	
CHCH0308	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	09/07/67-09/07/67	0	1	
CHCH0310	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	09/07/67-12/05/73	6	25	
CHCH0311	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	06/23/72-06/24/72	0	2	
CHCH0312	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	06/20/72-06/24/72	0	5	
CHCH0322	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	06/24/72-06/24/72	0	1	
CHCH0326	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	06/03/92-03/02/93	0	3	
CHCH0329	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	08/01/72-04/18/77	4	8	
CHCH0330	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	06/19/72-06/22/72	0	4	
CHCH0331	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	06/24/72-06/24/72	0	1	
CHCH0342	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	09/06/67-12/04/73	6	16	
CHCH0343	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	06/20/72-06/24/72	0	5	
CHCH0346	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	06/23/72-06/23/72	0	1	
CHCH0347	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	01/23/73-12/05/73	0	13	
CHCH0354	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	11/30/77-04/07/98	20	112	T
CHCH0358	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	06/23/72-06/24/72	0	2	
CHCH0362	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	06/19/72-06/23/72	0	4	
CHCH0363	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	06/24/72-06/24/72	0	1	
CHCH0365	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	06/20/72-06/24/72	0	5	
CHCH0366	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	06/20/72-06/24/72	0	5	
CHCH0367	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	06/24/72-06/24/72	0	1	
CHCH0368	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	06/19/72-06/23/72	0	5	
CHCH0369	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	06/20/72-06/24/72	0	5	
CHCH0378	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	06/20/72-06/24/72	0	5	
CHCH0379	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	06/19/72-06/22/72	0	4	
CHCH0380	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	06/20/72-06/23/72	0	4	
CHCH0383	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/02/74-09/26/74	0	33	
CHCH0385	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/02/74-09/26/74	0	34	
CHCH0389	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/02/74-09/26/74	0	34	
CHCH0390	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	03/08/73-03/08/73	0	1	
CHCH0392	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	09/07/67-09/07/67	0	1	
CHCH0407	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/02/74-09/26/74	0	36	
CHCH0409	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	01/23/73-08/14/74	1	14	
CHCH0413	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	01/23/73-12/04/73	0	24	
CHCH0416	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	11/13/74-02/08/77	2	10	
CHCH0417	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/02/74-09/26/74	0	36	
CHCH0418	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	08/01/72-09/09/74	2	5	
CHCH0421	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/02/74-09/26/74	0	34	
CHCH0429	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	06/19/72-06/23/72	0	4	
CHCH0433	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	01/23/73-12/04/73	0	35	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0443	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	05/03/71-11/15/73	2	11	
CHCH0445	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	01/23/73-12/05/73	0	46	
CHCH0448	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	09/07/67-09/07/67	0	1	
CHCH0452	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	08/19/81-08/19/81	0	1	
CHCH0459	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/31/92-03/12/93	0	3	
CHCH0007	No	01035	COBALT, DISSOLVED (UG/L AS CO)	08/31/76-08/31/76	0	1	
CHCH0272	No	01035	COBALT, DISSOLVED (UG/L AS CO)	10/12/70-10/12/70	0	1	
CHCH0273	No	01035	COBALT, DISSOLVED (UG/L AS CO)	10/01/62-04/01/67	4	13	
CHCH0442	No	01035	COBALT, DISSOLVED (UG/L AS CO)	10/12/70-10/12/70	0	1	
CHCH0012	No	01037	COBALT, TOTAL (UG/L AS CO)	02/12/86-08/13/98	12	15	
CHCH0055	No	01037	COBALT, TOTAL (UG/L AS CO)	07/02/91-07/02/91	0	1	
CHCH0151	No	01037	COBALT, TOTAL (UG/L AS CO)	11/10/80-11/10/80	0	1	
CHCH0241	No	01037	COBALT, TOTAL (UG/L AS CO)	06/26/80-06/26/80	0	1	
CHCH0242	No	01037	COBALT, TOTAL (UG/L AS CO)	06/26/80-06/26/80	0	1	
CHCH0287	No	01037	COBALT, TOTAL (UG/L AS CO)	06/01/74-01/01/85	10	112	
CHCH0409	No	01037	COBALT, TOTAL (UG/L AS CO)	07/30/73-07/30/73	0	1	
CHCH0008	No	01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	09/02/81-09/02/81	0	1	
CHCH0010	No	01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	04/18/79-05/21/80	1	2	
CHCH0017	No	01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	09/01/81-09/01/81	0	1	
CHCH0021	No	01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	04/18/79-09/01/81	2	2	
CHCH0037	No	01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	05/10/79-05/10/79	0	1	
CHCH0047	No	01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	04/18/79-05/21/80	1	2	
CHCH0055	No	01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	07/02/91-07/02/91	0	1	
CHCH0059	No	01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	04/18/79-08/20/80	1	2	
CHCH0133	No	01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	04/19/79-04/19/79	0	1	
CHCH0433	No	01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	06/18/73-06/18/73	0	1	
CHCH0443	No	01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	11/08/72-11/08/72	0	1	
CHCH0452	No	01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	09/05/79-07/15/80	0	2	
CHCH0006	No	01040	COPPER, DISSOLVED (UG/L AS CU)	09/07/76-04/21/77	0	2	
CHCH0007	No	01040	COPPER, DISSOLVED (UG/L AS CU)	08/31/76-08/31/76	0	1	
CHCH0021	No	01040	COPPER, DISSOLVED (UG/L AS CU)	08/26/76-04/21/77	0	2	
CHCH0032	No	01040	COPPER, DISSOLVED (UG/L AS CU)	06/25/74-06/25/74	0	1	
CHCH0037	No	01040	COPPER, DISSOLVED (UG/L AS CU)	08/26/76-04/28/77	0	2	
CHCH0047	No	01040	COPPER, DISSOLVED (UG/L AS CU)	08/26/76-04/22/77	0	2	
CHCH0059	No	01040	COPPER, DISSOLVED (UG/L AS CU)	06/26/74-06/26/74	0	1	
CHCH0065	No	01040	COPPER, DISSOLVED (UG/L AS CU)	09/23/91-09/23/91	0	1	
CHCH0273	No	01040	COPPER, DISSOLVED (UG/L AS CU)	10/01/62-04/01/67	4	13	
CHCH0008	No	01042	COPPER, TOTAL (UG/L AS CU)	08/03/79-05/22/80	0	2	
CHCH0010	No	01042	COPPER, TOTAL (UG/L AS CU)	08/01/79-05/21/80	0	2	
CHCH0012	No	01042	COPPER, TOTAL (UG/L AS CU)	02/12/86-08/13/98	12	15	
CHCH0017	No	01042	COPPER, TOTAL (UG/L AS CU)	08/01/79-05/22/80	0	2	
CHCH0021	No	01042	COPPER, TOTAL (UG/L AS CU)	08/01/79-09/01/81	2	3	
CHCH0037	No	01042	COPPER, TOTAL (UG/L AS CU)	08/01/79-05/21/80	0	2	
CHCH0047	No	01042	COPPER, TOTAL (UG/L AS CU)	08/01/79-05/21/80	0	2	
CHCH0055	No	01042	COPPER, TOTAL (UG/L AS CU)	10/16/73-08/30/94	20	10	
CHCH0059	No	01042	COPPER, TOTAL (UG/L AS CU)	08/01/79-05/21/80	0	2	
CHCH0061	No	01042	COPPER, TOTAL (UG/L AS CU)	09/10/80-09/10/80	0	1	
CHCH0062	No	01042	COPPER, TOTAL (UG/L AS CU)	02/27/73-03/07/73	0	7	
CHCH0065	No	01042	COPPER, TOTAL (UG/L AS CU)	09/23/91-09/23/91	0	1	
CHCH0069	No	01042	COPPER, TOTAL (UG/L AS CU)	03/06/73-03/06/73	0	1	
CHCH0073	No	01042	COPPER, TOTAL (UG/L AS CU)	03/06/73-03/06/73	0	1	
CHCH0074	No	01042	COPPER, TOTAL (UG/L AS CU)	03/06/73-03/07/73	0	2	
CHCH0082	No	01042	COPPER, TOTAL (UG/L AS CU)	07/14/82-07/15/82	0	2	
CHCH0085	No	01042	COPPER, TOTAL (UG/L AS CU)	09/10/80-09/10/80	0	1	
CHCH0090	No	01042	COPPER, TOTAL (UG/L AS CU)	09/10/80-09/10/80	0	1	
CHCH0092	No	01042	COPPER, TOTAL (UG/L AS CU)	07/14/82-07/15/82	0	2	
CHCH0102	No	01042	COPPER, TOTAL (UG/L AS CU)	02/27/73-03/07/73	0	7	
CHCH0104	No	01042	COPPER, TOTAL (UG/L AS CU)	07/14/82-07/15/82	0	2	
CHCH0105	No	01042	COPPER, TOTAL (UG/L AS CU)	01/27/69-12/03/69	0	10	
CHCH0107	No	01042	COPPER, TOTAL (UG/L AS CU)	09/10/80-09/10/80	0	1	
CHCH0111	No	01042	COPPER, TOTAL (UG/L AS CU)	09/10/80-09/10/80	0	1	
CHCH0113	No	01042	COPPER, TOTAL (UG/L AS CU)	03/02/73-03/02/73	0	1	
CHCH0121	No	01042	COPPER, TOTAL (UG/L AS CU)	07/14/82-07/15/82	0	2	
CHCH0122	No	01042	COPPER, TOTAL (UG/L AS CU)	09/10/80-09/10/80	0	1	
CHCH0123	No	01042	COPPER, TOTAL (UG/L AS CU)	02/27/73-03/01/73	0	3	
CHCH0125	No	01042	COPPER, TOTAL (UG/L AS CU)	07/14/82-07/15/82	0	2	
CHCH0127	No	01042	COPPER, TOTAL (UG/L AS CU)	07/14/82-07/15/82	0	2	
CHCH0136	No	01042	COPPER, TOTAL (UG/L AS CU)	07/14/82-07/15/82	0	2	
CHCH0137	No	01042	COPPER, TOTAL (UG/L AS CU)	09/10/80-09/10/80	0	2	
CHCH0142	No	01042	COPPER, TOTAL (UG/L AS CU)	07/14/82-07/15/82	0	2	
CHCH0147	No	01042	COPPER, TOTAL (UG/L AS CU)	07/10/95-02/23/98	2	6	
CHCH0151	No	01042	COPPER, TOTAL (UG/L AS CU)	11/10/80-11/10/80	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0156	No	01042	COPPER, TOTAL (UG/L AS CU)	09/10/80-09/10/80	0	1	
CHCH0157	No	01042	COPPER, TOTAL (UG/L AS CU)	07/14/82-07/15/82	0	2	
CHCH0158	No	01042	COPPER, TOTAL (UG/L AS CU)	07/14/82-07/15/82	0	2	
CHCH0159	No	01042	COPPER, TOTAL (UG/L AS CU)	08/21/92-04/15/93	0	3	
CHCH0160	No	01042	COPPER, TOTAL (UG/L AS CU)	07/14/82-07/15/82	0	2	
CHCH0163	No	01042	COPPER, TOTAL (UG/L AS CU)	09/10/80-09/10/80	0	1	
CHCH0164	No	01042	COPPER, TOTAL (UG/L AS CU)	07/14/82-07/15/82	0	2	
CHCH0168	No	01042	COPPER, TOTAL (UG/L AS CU)	02/27/73-03/01/73	0	3	
CHCH0169	No	01042	COPPER, TOTAL (UG/L AS CU)	01/27/69-09/10/80	11	24	
CHCH0170	No	01042	COPPER, TOTAL (UG/L AS CU)	02/27/73-03/07/73	0	7	
CHCH0177	No	01042	COPPER, TOTAL (UG/L AS CU)	10/18/82-12/15/98	16	168	
CHCH0178	No	01042	COPPER, TOTAL (UG/L AS CU)	01/24/73-12/05/73	0	13	
CHCH0184	No	01042	COPPER, TOTAL (UG/L AS CU)	07/14/82-07/15/82	0	2	
CHCH0188	No	01042	COPPER, TOTAL (UG/L AS CU)	09/10/80-09/10/80	0	1	
CHCH0189	No	01042	COPPER, TOTAL (UG/L AS CU)	09/10/80-09/10/80	0	1	
CHCH0190	No	01042	COPPER, TOTAL (UG/L AS CU)	09/07/67-09/07/67	0	1	
CHCH0191	No	01042	COPPER, TOTAL (UG/L AS CU)	09/07/67-09/07/67	0	2	
CHCH0199	No	01042	COPPER, TOTAL (UG/L AS CU)	05/24/73-05/24/73	0	1	
CHCH0200	No	01042	COPPER, TOTAL (UG/L AS CU)	05/24/73-05/24/73	0	1	
CHCH0201	No	01042	COPPER, TOTAL (UG/L AS CU)	05/24/73-05/24/73	0	1	
CHCH0211	No	01042	COPPER, TOTAL (UG/L AS CU)	03/07/73-03/08/73	0	2	
CHCH0214	No	01042	COPPER, TOTAL (UG/L AS CU)	03/07/73-03/08/73	0	2	
CHCH0217	No	01042	COPPER, TOTAL (UG/L AS CU)	02/27/73-02/28/73	0	2	
CHCH0222	No	01042	COPPER, TOTAL (UG/L AS CU)	06/19/72-06/23/72	0	5	
CHCH0223	No	01042	COPPER, TOTAL (UG/L AS CU)	03/07/73-03/08/73	0	2	
CHCH0226	No	01042	COPPER, TOTAL (UG/L AS CU)	01/23/73-12/05/73	0	24	
CHCH0227	No	01042	COPPER, TOTAL (UG/L AS CU)	06/07/83-06/07/83	0	1	
CHCH0228	No	01042	COPPER, TOTAL (UG/L AS CU)	03/07/73-03/08/73	0	2	
CHCH0235	No	01042	COPPER, TOTAL (UG/L AS CU)	06/23/72-06/24/72	0	2	
CHCH0237	No	01042	COPPER, TOTAL (UG/L AS CU)	09/07/67-09/07/67	0	1	
CHCH0241	No	01042	COPPER, TOTAL (UG/L AS CU)	06/26/80-06/26/80	0	1	
CHCH0242	No	01042	COPPER, TOTAL (UG/L AS CU)	06/26/80-06/26/80	0	1	
CHCH0245	No	01042	COPPER, TOTAL (UG/L AS CU)	08/27/92-03/31/93	0	3	
CHCH0249	No	01042	COPPER, TOTAL (UG/L AS CU)	06/23/72-06/23/72	0	1	
CHCH0250	No	01042	COPPER, TOTAL (UG/L AS CU)	02/27/73-03/06/73	0	5	
CHCH0251	No	01042	COPPER, TOTAL (UG/L AS CU)	01/23/73-12/04/73	0	13	
CHCH0252	No	01042	COPPER, TOTAL (UG/L AS CU)	02/26/73-02/26/73	0	1	
CHCH0254	No	01042	COPPER, TOTAL (UG/L AS CU)	06/19/72-06/23/72	0	5	
CHCH0259	No	01042	COPPER, TOTAL (UG/L AS CU)	03/07/73-03/07/73	0	1	
CHCH0261	No	01042	COPPER, TOTAL (UG/L AS CU)	06/23/72-06/24/72	0	2	
CHCH0263	No	01042	COPPER, TOTAL (UG/L AS CU)	06/23/72-06/24/72	0	2	
CHCH0276	No	01042	COPPER, TOTAL (UG/L AS CU)	06/30/92-04/05/93	0	3	
CHCH0280	No	01042	COPPER, TOTAL (UG/L AS CU)	07/02/74-09/26/74	0	33	
CHCH0284	No	01042	COPPER, TOTAL (UG/L AS CU)	07/02/74-09/26/74	0	30	
CHCH0286	No	01042	COPPER, TOTAL (UG/L AS CU)	05/04/71-12/04/73	2	76	
CHCH0287	No	01042	COPPER, TOTAL (UG/L AS CU)	03/12/73-01/01/85	11	123	
CHCH0289	No	01042	COPPER, TOTAL (UG/L AS CU)	07/02/74-09/26/74	0	33	
CHCH0292	No	01042	COPPER, TOTAL (UG/L AS CU)	06/20/72-06/24/72	0	5	
CHCH0293	No	01042	COPPER, TOTAL (UG/L AS CU)	06/23/72-06/24/72	0	2	
CHCH0299	No	01042	COPPER, TOTAL (UG/L AS CU)	11/30/77-12/15/98	21	220	T,A
CHCH0300	No	01042	COPPER, TOTAL (UG/L AS CU)	06/20/72-06/24/72	0	5	
CHCH0303	No	01042	COPPER, TOTAL (UG/L AS CU)	03/06/73-03/08/73	0	3	
CHCH0304	No	01042	COPPER, TOTAL (UG/L AS CU)	03/06/73-03/08/73	0	3	
CHCH0305	No	01042	COPPER, TOTAL (UG/L AS CU)	03/06/73-03/08/73	0	4	
CHCH0306	No	01042	COPPER, TOTAL (UG/L AS CU)	03/06/73-03/08/73	0	3	
CHCH0308	No	01042	COPPER, TOTAL (UG/L AS CU)	09/07/67-09/07/67	0	1	
CHCH0310	No	01042	COPPER, TOTAL (UG/L AS CU)	09/07/67-12/05/73	6	25	
CHCH0311	No	01042	COPPER, TOTAL (UG/L AS CU)	06/23/72-06/24/72	0	2	
CHCH0312	No	01042	COPPER, TOTAL (UG/L AS CU)	06/20/72-06/24/72	0	5	
CHCH0322	No	01042	COPPER, TOTAL (UG/L AS CU)	06/24/72-06/24/72	0	1	
CHCH0326	No	01042	COPPER, TOTAL (UG/L AS CU)	06/03/92-03/02/93	0	3	
CHCH0329	No	01042	COPPER, TOTAL (UG/L AS CU)	08/01/72-04/18/77	4	9	
CHCH0330	No	01042	COPPER, TOTAL (UG/L AS CU)	06/19/72-06/22/72	0	4	
CHCH0331	No	01042	COPPER, TOTAL (UG/L AS CU)	06/24/72-06/24/72	0	1	
CHCH0342	No	01042	COPPER, TOTAL (UG/L AS CU)	09/06/67-12/04/73	6	15	
CHCH0343	No	01042	COPPER, TOTAL (UG/L AS CU)	06/20/72-06/24/72	0	5	
CHCH0346	No	01042	COPPER, TOTAL (UG/L AS CU)	06/23/72-06/23/72	0	1	
CHCH0347	No	01042	COPPER, TOTAL (UG/L AS CU)	01/23/73-12/05/73	0	13	
CHCH0354	No	01042	COPPER, TOTAL (UG/L AS CU)	11/30/77-04/07/98	20	112	T
CHCH0358	No	01042	COPPER, TOTAL (UG/L AS CU)	06/23/72-06/24/72	0	2	
CHCH0362	No	01042	COPPER, TOTAL (UG/L AS CU)	06/19/72-06/23/72	0	4	
CHCH0363	No	01042	COPPER, TOTAL (UG/L AS CU)	06/24/72-06/24/72	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0365	No	01042	COPPER, TOTAL (UG/L AS CU)	06/20/72-06/24/72	0	5	
CHCH0366	No	01042	COPPER, TOTAL (UG/L AS CU)	06/20/72-06/24/72	0	5	
CHCH0367	No	01042	COPPER, TOTAL (UG/L AS CU)	06/24/72-06/24/72	0	1	
CHCH0368	No	01042	COPPER, TOTAL (UG/L AS CU)	06/19/72-06/23/72	0	5	
CHCH0369	No	01042	COPPER, TOTAL (UG/L AS CU)	06/20/72-06/24/72	0	5	
CHCH0371	No	01042	COPPER, TOTAL (UG/L AS CU)	09/07/67-09/07/67	0	1	
CHCH0378	No	01042	COPPER, TOTAL (UG/L AS CU)	06/20/72-06/24/72	0	5	
CHCH0379	No	01042	COPPER, TOTAL (UG/L AS CU)	06/19/72-06/22/72	0	4	
CHCH0380	No	01042	COPPER, TOTAL (UG/L AS CU)	06/20/72-06/23/72	0	4	
CHCH0383	No	01042	COPPER, TOTAL (UG/L AS CU)	07/02/74-09/26/74	0	33	
CHCH0385	No	01042	COPPER, TOTAL (UG/L AS CU)	07/02/74-09/26/74	0	34	
CHCH0389	No	01042	COPPER, TOTAL (UG/L AS CU)	07/02/74-09/26/74	0	34	
CHCH0390	No	01042	COPPER, TOTAL (UG/L AS CU)	03/08/73-03/08/73	0	1	
CHCH0392	No	01042	COPPER, TOTAL (UG/L AS CU)	09/07/67-09/07/67	0	1	
CHCH0407	No	01042	COPPER, TOTAL (UG/L AS CU)	07/02/74-09/26/74	0	36	
CHCH0409	No	01042	COPPER, TOTAL (UG/L AS CU)	01/23/73-06/19/80	7	80	
CHCH0413	No	01042	COPPER, TOTAL (UG/L AS CU)	01/23/73-12/04/73	0	24	
CHCH0416	No	01042	COPPER, TOTAL (UG/L AS CU)	10/01/74-04/17/80	5	102	
CHCH0417	No	01042	COPPER, TOTAL (UG/L AS CU)	07/02/74-09/26/74	0	36	
CHCH0418	No	01042	COPPER, TOTAL (UG/L AS CU)	08/01/72-02/11/75	2	6	
CHCH0421	No	01042	COPPER, TOTAL (UG/L AS CU)	07/02/74-09/26/74	0	34	
CHCH0429	No	01042	COPPER, TOTAL (UG/L AS CU)	06/19/72-06/23/72	0	3	
CHCH0433	No	01042	COPPER, TOTAL (UG/L AS CU)	01/23/73-10/18/88	15	39	
CHCH0443	No	01042	COPPER, TOTAL (UG/L AS CU)	05/03/71-08/11/92	21	16	
CHCH0445	No	01042	COPPER, TOTAL (UG/L AS CU)	01/23/73-12/05/73	0	46	
CHCH0448	No	01042	COPPER, TOTAL (UG/L AS CU)	09/07/67-09/07/67	0	1	
CHCH0452	No	01042	COPPER, TOTAL (UG/L AS CU)	08/19/81-08/19/81	0	1	
CHCH0459	No	01042	COPPER, TOTAL (UG/L AS CU)	07/31/92-03/12/93	0	3	
CHCH0008	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/02/81-09/02/81	0	1	
CHCH0010	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/18/79-05/21/80	1	2	
CHCH0017	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/01/81-09/01/81	0	1	
CHCH0021	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/18/79-09/01/81	2	2	
CHCH0037	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	05/10/79-05/10/79	0	1	
CHCH0047	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/18/79-05/21/80	1	2	
CHCH0055	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11/16/73-07/02/91	17	10	
CHCH0059	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/18/79-08/20/80	1	2	
CHCH0061	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0077	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	10/06/82-10/06/82	0	1	
CHCH0085	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0089	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	03/08/73-03/08/73	0	1	
CHCH0090	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0091	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11/18/81-11/18/81	0	1	
CHCH0104	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11/18/81-11/18/81	0	1	
CHCH0107	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0111	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0122	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0125	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11/18/81-11/18/81	0	1	
CHCH0127	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11/18/81-11/18/81	0	1	
CHCH0135	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11/18/81-11/18/81	0	1	
CHCH0136	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11/16/81-11/18/81	0	2	
CHCH0137	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/11/80-09/11/80	0	2	
CHCH0142	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11/16/81-11/16/81	0	1	
CHCH0143	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11/18/81-11/18/81	0	1	
CHCH0148	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11/16/81-11/16/81	0	1	
CHCH0154	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11/16/81-11/16/81	0	1	
CHCH0156	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/12/80-09/12/80	0	1	
CHCH0157	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11/16/81-11/16/81	0	1	
CHCH0158	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11/16/81-11/16/81	0	1	
CHCH0160	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11/16/81-11/16/81	0	1	
CHCH0163	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/12/80-09/12/80	0	1	
CHCH0169	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/12/80-09/12/80	0	1	
CHCH0170	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	03/08/73-03/08/73	0	1	
CHCH0173	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11/16/81-11/16/81	0	2	
CHCH0184	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11/16/81-11/16/81	0	1	
CHCH0188	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0189	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0193	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11/16/81-11/16/81	0	1	
CHCH0287	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/10/75-09/10/75	0	1	
CHCH0329	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/09/75-09/09/75	0	1	
CHCH0418	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/10/75-09/10/75	0	1	
CHCH0433	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/18/73-08/17/95	22	8	
CHCH0443	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11/08/72-11/08/72	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0452	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/05/79-07/15/80	0	2	
CHCH0008	No	01044	IRON, SUSPENDED (UG/L AS FE)	04/25/79-09/02/81	2	7	
CHCH0010	No	01044	IRON, SUSPENDED (UG/L AS FE)	04/24/79-09/01/81	2	7	
CHCH0017	No	01044	IRON, SUSPENDED (UG/L AS FE)	04/25/79-09/01/81	2	7	
CHCH0021	No	01044	IRON, SUSPENDED (UG/L AS FE)	04/25/79-10/20/81	2	8	
CHCH0037	No	01044	IRON, SUSPENDED (UG/L AS FE)	04/24/79-09/01/81	2	7	
CHCH0047	No	01044	IRON, SUSPENDED (UG/L AS FE)	04/24/79-09/01/81	2	7	
CHCH0059	No	01044	IRON, SUSPENDED (UG/L AS FE)	04/24/79-09/01/81	2	23	
CHCH0452	No	01044	IRON, SUSPENDED (UG/L AS FE)	05/22/79-08/19/81	2	5	
CHCH0004	No	01045	IRON, TOTAL (UG/L AS FE)	01/28/69-12/01/69	0	11	
CHCH0005	No	01045	IRON, TOTAL (UG/L AS FE)	02/25/69-12/01/69	0	11	
CHCH0006	No	01045	IRON, TOTAL (UG/L AS FE)	09/07/76-04/21/77	0	2	
CHCH0008	No	01045	IRON, TOTAL (UG/L AS FE)	04/25/79-09/02/81	2	9	
CHCH0010	No	01045	IRON, TOTAL (UG/L AS FE)	04/24/79-09/01/81	2	9	
CHCH0012	No	01045	IRON, TOTAL (UG/L AS FE)	02/12/86-08/15/96	10	14	
CHCH0015	No	01045	IRON, TOTAL (UG/L AS FE)	01/28/69-12/03/69	0	12	
CHCH0017	No	01045	IRON, TOTAL (UG/L AS FE)	04/25/79-09/01/81	2	9	
CHCH0020	No	01045	IRON, TOTAL (UG/L AS FE)	02/25/69-12/04/69	0	11	
CHCH0021	No	01045	IRON, TOTAL (UG/L AS FE)	08/26/76-10/20/81	5	12	
CHCH0023	No	01045	IRON, TOTAL (UG/L AS FE)	02/25/69-12/01/69	0	11	
CHCH0026	No	01045	IRON, TOTAL (UG/L AS FE)	02/25/69-12/04/69	0	11	
CHCH0032	No	01045	IRON, TOTAL (UG/L AS FE)	06/17/71-06/17/71	0	1	
CHCH0037	No	01045	IRON, TOTAL (UG/L AS FE)	08/26/76-09/01/81	5	11	
CHCH0038	No	01045	IRON, TOTAL (UG/L AS FE)	01/27/69-12/03/69	0	11	
CHCH0043	No	01045	IRON, TOTAL (UG/L AS FE)	02/26/69-12/02/69	0	11	
CHCH0047	No	01045	IRON, TOTAL (UG/L AS FE)	08/26/76-09/01/81	5	11	
CHCH0053	No	01045	IRON, TOTAL (UG/L AS FE)	01/28/69-12/01/69	0	12	
CHCH0055	No	01045	IRON, TOTAL (UG/L AS FE)	07/02/91-07/02/91	0	1	
CHCH0059	No	01045	IRON, TOTAL (UG/L AS FE)	06/17/71-09/01/81	10	32	
CHCH0062	No	01045	IRON, TOTAL (UG/L AS FE)	02/27/73-03/07/73	0	7	
CHCH0064	No	01045	IRON, TOTAL (UG/L AS FE)	02/25/69-12/04/69	0	11	
CHCH0069	No	01045	IRON, TOTAL (UG/L AS FE)	03/06/73-03/06/73	0	1	
CHCH0070	No	01045	IRON, TOTAL (UG/L AS FE)	09/28/67-09/28/67	0	1	
CHCH0073	No	01045	IRON, TOTAL (UG/L AS FE)	03/06/73-03/06/73	0	1	
CHCH0074	No	01045	IRON, TOTAL (UG/L AS FE)	03/06/73-03/07/73	0	2	
CHCH0076	No	01045	IRON, TOTAL (UG/L AS FE)	01/27/69-12/03/69	0	12	
CHCH0077	No	01045	IRON, TOTAL (UG/L AS FE)	10/06/82-10/06/82	0	1	
CHCH0082	No	01045	IRON, TOTAL (UG/L AS FE)	07/14/82-07/15/82	0	2	
CHCH0092	No	01045	IRON, TOTAL (UG/L AS FE)	07/14/82-07/15/82	0	2	
CHCH0102	No	01045	IRON, TOTAL (UG/L AS FE)	02/27/73-03/07/73	0	7	
CHCH0104	No	01045	IRON, TOTAL (UG/L AS FE)	07/14/82-07/15/82	0	2	
CHCH0113	No	01045	IRON, TOTAL (UG/L AS FE)	03/02/73-03/02/73	0	1	
CHCH0121	No	01045	IRON, TOTAL (UG/L AS FE)	07/14/82-07/15/82	0	2	
CHCH0123	No	01045	IRON, TOTAL (UG/L AS FE)	02/27/73-03/01/73	0	3	
CHCH0125	No	01045	IRON, TOTAL (UG/L AS FE)	07/14/82-07/15/82	0	2	
CHCH0126	No	01045	IRON, TOTAL (UG/L AS FE)	02/26/69-12/02/69	0	11	
CHCH0127	No	01045	IRON, TOTAL (UG/L AS FE)	07/14/82-07/15/82	0	2	
CHCH0136	No	01045	IRON, TOTAL (UG/L AS FE)	07/14/82-07/15/82	0	2	
CHCH0142	No	01045	IRON, TOTAL (UG/L AS FE)	07/14/82-07/15/82	0	2	
CHCH0150	No	01045	IRON, TOTAL (UG/L AS FE)	10/23/75-09/14/76	0	13	
CHCH0151	No	01045	IRON, TOTAL (UG/L AS FE)	02/26/69-11/10/80	11	15	
CHCH0157	No	01045	IRON, TOTAL (UG/L AS FE)	07/14/82-07/15/82	0	2	
CHCH0158	No	01045	IRON, TOTAL (UG/L AS FE)	07/14/82-07/15/82	0	2	
CHCH0160	No	01045	IRON, TOTAL (UG/L AS FE)	07/14/82-07/15/82	0	2	
CHCH0164	No	01045	IRON, TOTAL (UG/L AS FE)	07/14/82-07/15/82	0	2	
CHCH0168	No	01045	IRON, TOTAL (UG/L AS FE)	02/27/73-03/01/73	0	3	
CHCH0169	No	01045	IRON, TOTAL (UG/L AS FE)	01/24/73-12/04/73	0	13	
CHCH0170	No	01045	IRON, TOTAL (UG/L AS FE)	02/27/73-03/07/73	0	7	
CHCH0177	No	01045	IRON, TOTAL (UG/L AS FE)	09/10/85-09/10/85	0	1	
CHCH0178	No	01045	IRON, TOTAL (UG/L AS FE)	01/24/73-12/05/73	0	13	
CHCH0184	No	01045	IRON, TOTAL (UG/L AS FE)	07/14/82-07/15/82	0	2	
CHCH0190	No	01045	IRON, TOTAL (UG/L AS FE)	09/07/67-09/07/67	0	1	
CHCH0191	No	01045	IRON, TOTAL (UG/L AS FE)	09/07/67-09/07/67	0	2	
CHCH0199	No	01045	IRON, TOTAL (UG/L AS FE)	05/24/73-05/24/73	0	1	
CHCH0200	No	01045	IRON, TOTAL (UG/L AS FE)	05/24/73-05/24/73	0	1	
CHCH0201	No	01045	IRON, TOTAL (UG/L AS FE)	05/24/73-05/24/73	0	1	
CHCH0211	No	01045	IRON, TOTAL (UG/L AS FE)	03/07/73-03/08/73	0	2	
CHCH0214	No	01045	IRON, TOTAL (UG/L AS FE)	03/07/73-03/08/73	0	2	
CHCH0217	No	01045	IRON, TOTAL (UG/L AS FE)	02/27/73-02/28/73	0	2	
CHCH0222	No	01045	IRON, TOTAL (UG/L AS FE)	06/19/72-06/23/72	0	5	
CHCH0223	No	01045	IRON, TOTAL (UG/L AS FE)	03/07/73-03/08/73	0	2	
CHCH0226	No	01045	IRON, TOTAL (UG/L AS FE)	01/23/73-12/05/73	0	24	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0228	No	01045	IRON, TOTAL (UG/L AS FE)	03/07/73-03/08/73	0	2	
CHCH0235	No	01045	IRON, TOTAL (UG/L AS FE)	06/23/72-06/24/72	0	2	
CHCH0237	No	01045	IRON, TOTAL (UG/L AS FE)	09/07/67-09/07/67	0	1	
CHCH0249	No	01045	IRON, TOTAL (UG/L AS FE)	06/23/72-06/23/72	0	1	
CHCH0250	No	01045	IRON, TOTAL (UG/L AS FE)	02/27/73-03/06/73	0	5	
CHCH0251	No	01045	IRON, TOTAL (UG/L AS FE)	01/23/73-12/04/73	0	13	
CHCH0252	No	01045	IRON, TOTAL (UG/L AS FE)	02/26/73-02/26/73	0	1	
CHCH0254	No	01045	IRON, TOTAL (UG/L AS FE)	06/19/72-06/23/72	0	5	
CHCH0259	No	01045	IRON, TOTAL (UG/L AS FE)	03/07/73-03/07/73	0	1	
CHCH0261	No	01045	IRON, TOTAL (UG/L AS FE)	06/23/72-06/24/72	0	2	
CHCH0263	No	01045	IRON, TOTAL (UG/L AS FE)	06/23/72-06/24/72	0	2	
CHCH0273	No	01045	IRON, TOTAL (UG/L AS FE)	10/01/62-04/01/67	4	13	
CHCH0280	No	01045	IRON, TOTAL (UG/L AS FE)	07/02/74-09/26/74	0	33	
CHCH0284	No	01045	IRON, TOTAL (UG/L AS FE)	07/02/74-09/26/74	0	30	
CHCH0286	No	01045	IRON, TOTAL (UG/L AS FE)	05/04/71-12/04/73	2	76	
CHCH0287	No	01045	IRON, TOTAL (UG/L AS FE)	08/01/72-01/01/85	12	144	
CHCH0289	No	01045	IRON, TOTAL (UG/L AS FE)	07/02/74-09/26/74	0	33	
CHCH0292	No	01045	IRON, TOTAL (UG/L AS FE)	06/20/72-06/24/72	0	5	
CHCH0293	No	01045	IRON, TOTAL (UG/L AS FE)	06/23/72-06/24/72	0	2	
CHCH0299	No	01045	IRON, TOTAL (UG/L AS FE)	09/10/85-09/10/85	0	1	
CHCH0300	No	01045	IRON, TOTAL (UG/L AS FE)	06/20/72-06/24/72	0	5	
CHCH0303	No	01045	IRON, TOTAL (UG/L AS FE)	03/06/73-03/08/73	0	3	
CHCH0304	No	01045	IRON, TOTAL (UG/L AS FE)	03/06/73-03/08/73	0	3	
CHCH0305	No	01045	IRON, TOTAL (UG/L AS FE)	03/06/73-03/08/73	0	4	
CHCH0306	No	01045	IRON, TOTAL (UG/L AS FE)	03/06/73-03/08/73	0	3	
CHCH0308	No	01045	IRON, TOTAL (UG/L AS FE)	09/07/67-09/07/67	0	1	
CHCH0310	No	01045	IRON, TOTAL (UG/L AS FE)	09/07/67-12/05/73	6	25	
CHCH0311	No	01045	IRON, TOTAL (UG/L AS FE)	06/23/72-06/24/72	0	2	
CHCH0312	No	01045	IRON, TOTAL (UG/L AS FE)	06/20/72-06/24/72	0	5	
CHCH0316	No	01045	IRON, TOTAL (UG/L AS FE)	02/14/77-02/14/77	0	1	
CHCH0322	No	01045	IRON, TOTAL (UG/L AS FE)	06/24/72-06/24/72	0	1	
CHCH0329	No	01045	IRON, TOTAL (UG/L AS FE)	08/01/72-08/29/77	5	56	
CHCH0330	No	01045	IRON, TOTAL (UG/L AS FE)	06/19/72-06/22/72	0	4	
CHCH0331	No	01045	IRON, TOTAL (UG/L AS FE)	06/24/72-06/24/72	0	1	
CHCH0335	No	01045	IRON, TOTAL (UG/L AS FE)	01/24/73-12/05/73	0	14	
CHCH0342	No	01045	IRON, TOTAL (UG/L AS FE)	02/26/69-12/04/73	4	25	
CHCH0343	No	01045	IRON, TOTAL (UG/L AS FE)	06/20/72-06/24/72	0	5	
CHCH0346	No	01045	IRON, TOTAL (UG/L AS FE)	06/23/72-06/23/72	0	1	
CHCH0347	No	01045	IRON, TOTAL (UG/L AS FE)	01/23/73-12/05/73	0	13	
CHCH0358	No	01045	IRON, TOTAL (UG/L AS FE)	06/23/72-06/24/72	0	2	
CHCH0362	No	01045	IRON, TOTAL (UG/L AS FE)	06/19/72-06/23/72	0	4	
CHCH0363	No	01045	IRON, TOTAL (UG/L AS FE)	06/24/72-06/24/72	0	1	
CHCH0365	No	01045	IRON, TOTAL (UG/L AS FE)	06/20/72-06/24/72	0	5	
CHCH0366	No	01045	IRON, TOTAL (UG/L AS FE)	06/20/72-06/24/72	0	5	
CHCH0367	No	01045	IRON, TOTAL (UG/L AS FE)	06/24/72-06/24/72	0	1	
CHCH0368	No	01045	IRON, TOTAL (UG/L AS FE)	06/19/72-06/23/72	0	5	
CHCH0369	No	01045	IRON, TOTAL (UG/L AS FE)	06/20/72-06/24/72	0	5	
CHCH0378	No	01045	IRON, TOTAL (UG/L AS FE)	06/20/72-06/24/72	0	5	
CHCH0379	No	01045	IRON, TOTAL (UG/L AS FE)	06/19/72-06/22/72	0	4	
CHCH0380	No	01045	IRON, TOTAL (UG/L AS FE)	06/20/72-06/23/72	0	4	
CHCH0383	No	01045	IRON, TOTAL (UG/L AS FE)	07/02/74-09/26/74	0	33	
CHCH0385	No	01045	IRON, TOTAL (UG/L AS FE)	07/02/74-09/26/74	0	34	
CHCH0389	No	01045	IRON, TOTAL (UG/L AS FE)	07/02/74-09/26/74	0	34	
CHCH0390	No	01045	IRON, TOTAL (UG/L AS FE)	03/08/73-03/08/73	0	1	
CHCH0392	No	01045	IRON, TOTAL (UG/L AS FE)	09/07/67-09/07/67	0	1	
CHCH0401	No	01045	IRON, TOTAL (UG/L AS FE)	01/23/73-12/05/73	0	13	
CHCH0407	No	01045	IRON, TOTAL (UG/L AS FE)	07/02/74-09/26/74	0	36	
CHCH0409	No	01045	IRON, TOTAL (UG/L AS FE)	01/23/73-09/30/74	1	35	
CHCH0413	No	01045	IRON, TOTAL (UG/L AS FE)	01/23/73-12/04/73	0	24	
CHCH0416	No	01045	IRON, TOTAL (UG/L AS FE)	10/01/74-02/15/79	4	116	
CHCH0417	No	01045	IRON, TOTAL (UG/L AS FE)	07/02/74-09/26/74	0	36	
CHCH0418	No	01045	IRON, TOTAL (UG/L AS FE)	08/01/72-06/03/75	2	30	
CHCH0421	No	01045	IRON, TOTAL (UG/L AS FE)	07/02/74-09/26/74	0	34	
CHCH0426	No	01045	IRON, TOTAL (UG/L AS FE)	07/12/60-06/14/61	0	25	
CHCH0428	No	01045	IRON, TOTAL (UG/L AS FE)	11/23/60-11/15/62	1	41	
CHCH0429	No	01045	IRON, TOTAL (UG/L AS FE)	06/19/72-06/23/72	0	4	
CHCH0433	No	01045	IRON, TOTAL (UG/L AS FE)	07/12/60-10/18/88	28	98	S
CHCH0443	No	01045	IRON, TOTAL (UG/L AS FE)	05/03/71-08/11/92	21	16	
CHCH0445	No	01045	IRON, TOTAL (UG/L AS FE)	01/23/73-12/05/73	0	46	
CHCH0448	No	01045	IRON, TOTAL (UG/L AS FE)	09/07/67-09/07/67	0	1	
CHCH0452	No	01045	IRON, TOTAL (UG/L AS FE)	05/22/79-08/19/81	2	6	
CHCH0456	No	01045	IRON, TOTAL (UG/L AS FE)	10/23/75-09/14/76	0	13	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0457	No	01045	IRON, TOTAL (UG/L AS FE)	01/24/73-11/16/76	3	16	
CHCH0004	No	01046	IRON, DISSOLVED (UG/L AS FE)	01/28/69-12/01/69	0	10	
CHCH0005	No	01046	IRON, DISSOLVED (UG/L AS FE)	02/25/69-12/01/69	0	11	
CHCH0006	No	01046	IRON, DISSOLVED (UG/L AS FE)	09/07/76-04/21/77	0	2	
CHCH0007	No	01046	IRON, DISSOLVED (UG/L AS FE)	08/31/76-08/31/76	0	1	
CHCH0008	No	01046	IRON, DISSOLVED (UG/L AS FE)	04/25/79-09/02/81	2	7	
CHCH0010	No	01046	IRON, DISSOLVED (UG/L AS FE)	04/24/79-09/01/81	2	7	
CHCH0015	No	01046	IRON, DISSOLVED (UG/L AS FE)	01/28/69-12/03/69	0	12	
CHCH0017	No	01046	IRON, DISSOLVED (UG/L AS FE)	04/25/79-09/01/81	2	7	
CHCH0020	No	01046	IRON, DISSOLVED (UG/L AS FE)	02/25/69-12/04/69	0	11	
CHCH0021	No	01046	IRON, DISSOLVED (UG/L AS FE)	08/26/76-10/20/81	5	10	
CHCH0023	No	01046	IRON, DISSOLVED (UG/L AS FE)	02/25/69-12/01/69	0	11	
CHCH0024	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/17/81-07/17/81	0	1	
CHCH0026	No	01046	IRON, DISSOLVED (UG/L AS FE)	02/25/69-12/04/69	0	10	
CHCH0032	No	01046	IRON, DISSOLVED (UG/L AS FE)	05/23/58-06/25/74	16	2	
CHCH0037	No	01046	IRON, DISSOLVED (UG/L AS FE)	08/26/76-09/01/81	5	9	
CHCH0038	No	01046	IRON, DISSOLVED (UG/L AS FE)	01/27/69-12/03/69	0	11	
CHCH0043	No	01046	IRON, DISSOLVED (UG/L AS FE)	02/26/69-12/02/69	0	11	
CHCH0047	No	01046	IRON, DISSOLVED (UG/L AS FE)	08/26/76-09/01/81	5	9	
CHCH0053	No	01046	IRON, DISSOLVED (UG/L AS FE)	01/28/69-12/01/69	0	12	
CHCH0059	No	01046	IRON, DISSOLVED (UG/L AS FE)	06/26/74-09/01/81	7	25	
CHCH0064	No	01046	IRON, DISSOLVED (UG/L AS FE)	02/25/69-12/04/69	0	11	
CHCH0076	No	01046	IRON, DISSOLVED (UG/L AS FE)	01/27/69-12/03/69	0	12	
CHCH0126	No	01046	IRON, DISSOLVED (UG/L AS FE)	02/26/69-12/02/69	0	11	
CHCH0149	No	01046	IRON, DISSOLVED (UG/L AS FE)	03/03/58-05/25/65	7	4	
CHCH0150	No	01046	IRON, DISSOLVED (UG/L AS FE)	11/25/75-09/14/76	0	12	
CHCH0151	No	01046	IRON, DISSOLVED (UG/L AS FE)	02/26/69-12/07/76	7	14	
CHCH0169	No	01046	IRON, DISSOLVED (UG/L AS FE)	01/24/73-12/04/73	0	13	
CHCH0178	No	01046	IRON, DISSOLVED (UG/L AS FE)	01/24/73-12/05/73	0	13	
CHCH0190	No	01046	IRON, DISSOLVED (UG/L AS FE)	09/07/67-09/07/67	0	1	
CHCH0191	No	01046	IRON, DISSOLVED (UG/L AS FE)	09/07/67-09/07/67	0	2	
CHCH0226	No	01046	IRON, DISSOLVED (UG/L AS FE)	01/23/73-12/05/73	0	24	
CHCH0237	No	01046	IRON, DISSOLVED (UG/L AS FE)	09/07/67-09/07/67	0	1	
CHCH0251	No	01046	IRON, DISSOLVED (UG/L AS FE)	01/23/73-12/04/73	0	13	
CHCH0252	No	01046	IRON, DISSOLVED (UG/L AS FE)	02/26/73-02/26/73	0	1	
CHCH0286	No	01046	IRON, DISSOLVED (UG/L AS FE)	01/23/73-12/04/73	0	66	
CHCH0308	No	01046	IRON, DISSOLVED (UG/L AS FE)	09/07/67-09/07/67	0	1	
CHCH0310	No	01046	IRON, DISSOLVED (UG/L AS FE)	09/07/67-12/05/73	6	25	
CHCH0335	No	01046	IRON, DISSOLVED (UG/L AS FE)	01/24/73-12/05/73	0	14	
CHCH0342	No	01046	IRON, DISSOLVED (UG/L AS FE)	02/26/69-12/04/73	4	25	
CHCH0347	No	01046	IRON, DISSOLVED (UG/L AS FE)	01/23/73-12/05/73	0	13	
CHCH0348	No	01046	IRON, DISSOLVED (UG/L AS FE)	08/10/67-02/14/97	29	9	
CHCH0392	No	01046	IRON, DISSOLVED (UG/L AS FE)	09/07/67-09/07/67	0	1	
CHCH0401	No	01046	IRON, DISSOLVED (UG/L AS FE)	01/23/73-12/05/73	0	13	
CHCH0409	No	01046	IRON, DISSOLVED (UG/L AS FE)	01/23/73-06/19/80	7	15	
CHCH0413	No	01046	IRON, DISSOLVED (UG/L AS FE)	01/23/73-12/04/73	0	24	
CHCH0416	No	01046	IRON, DISSOLVED (UG/L AS FE)	11/13/74-03/04/80	5	25	
CHCH0433	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/12/60-10/18/88	28	98	S
CHCH0445	No	01046	IRON, DISSOLVED (UG/L AS FE)	01/23/73-12/05/73	0	46	
CHCH0448	No	01046	IRON, DISSOLVED (UG/L AS FE)	09/07/67-09/07/67	0	1	
CHCH0452	No	01046	IRON, DISSOLVED (UG/L AS FE)	05/22/79-08/19/81	2	6	
CHCH0456	No	01046	IRON, DISSOLVED (UG/L AS FE)	11/25/75-09/14/76	0	12	
CHCH0457	No	01046	IRON, DISSOLVED (UG/L AS FE)	01/24/73-12/07/76	3	17	
CHCH0004	No	01047	IRON, FERROUS (UG/L AS FE)	01/28/69-12/01/69	0	12	
CHCH0005	No	01047	IRON, FERROUS (UG/L AS FE)	02/25/69-12/01/69	0	11	
CHCH0015	No	01047	IRON, FERROUS (UG/L AS FE)	01/28/69-12/03/69	0	12	
CHCH0020	No	01047	IRON, FERROUS (UG/L AS FE)	02/25/69-12/04/69	0	10	
CHCH0023	No	01047	IRON, FERROUS (UG/L AS FE)	02/25/69-12/01/69	0	11	
CHCH0026	No	01047	IRON, FERROUS (UG/L AS FE)	02/25/69-12/04/69	0	11	
CHCH0038	No	01047	IRON, FERROUS (UG/L AS FE)	01/27/69-12/03/69	0	11	
CHCH0043	No	01047	IRON, FERROUS (UG/L AS FE)	02/26/69-12/02/69	0	11	
CHCH0053	No	01047	IRON, FERROUS (UG/L AS FE)	01/28/69-12/01/69	0	12	
CHCH0064	No	01047	IRON, FERROUS (UG/L AS FE)	02/25/69-12/04/69	0	11	
CHCH0070	No	01047	IRON, FERROUS (UG/L AS FE)	09/28/67-09/28/67	0	1	
CHCH0076	No	01047	IRON, FERROUS (UG/L AS FE)	01/27/69-12/03/69	0	12	
CHCH0126	No	01047	IRON, FERROUS (UG/L AS FE)	02/26/69-12/02/69	0	11	
CHCH0150	No	01047	IRON, FERROUS (UG/L AS FE)	10/23/75-10/23/75	0	1	
CHCH0151	No	01047	IRON, FERROUS (UG/L AS FE)	02/26/69-12/02/69	0	11	
CHCH0169	No	01047	IRON, FERROUS (UG/L AS FE)	01/24/73-12/04/73	0	13	
CHCH0178	No	01047	IRON, FERROUS (UG/L AS FE)	01/24/73-12/05/73	0	13	
CHCH0190	No	01047	IRON, FERROUS (UG/L AS FE)	09/07/67-09/07/67	0	1	
CHCH0191	No	01047	IRON, FERROUS (UG/L AS FE)	09/07/67-09/07/67	0	2	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0226	No	01047	IRON, FERROUS (UG/L AS FE)	01/23/73-12/05/73	0	24	
CHCH0237	No	01047	IRON, FERROUS (UG/L AS FE)	09/07/67-09/07/67	0	1	
CHCH0251	No	01047	IRON, FERROUS (UG/L AS FE)	01/23/73-12/04/73	0	13	
CHCH0252	No	01047	IRON, FERROUS (UG/L AS FE)	02/26/73-02/26/73	0	1	
CHCH0286	No	01047	IRON, FERROUS (UG/L AS FE)	01/23/73-12/04/73	0	66	
CHCH0308	No	01047	IRON, FERROUS (UG/L AS FE)	09/07/67-09/07/67	0	1	
CHCH0310	No	01047	IRON, FERROUS (UG/L AS FE)	09/07/67-12/05/73	6	25	
CHCH0335	No	01047	IRON, FERROUS (UG/L AS FE)	01/24/73-12/05/73	0	14	
CHCH0342	No	01047	IRON, FERROUS (UG/L AS FE)	02/26/69-12/04/73	4	25	
CHCH0347	No	01047	IRON, FERROUS (UG/L AS FE)	01/23/73-12/05/73	0	13	
CHCH0392	No	01047	IRON, FERROUS (UG/L AS FE)	09/07/67-09/07/67	0	1	
CHCH0401	No	01047	IRON, FERROUS (UG/L AS FE)	01/23/73-12/05/73	0	13	
CHCH0409	No	01047	IRON, FERROUS (UG/L AS FE)	01/23/73-02/05/75	2	15	
CHCH0413	No	01047	IRON, FERROUS (UG/L AS FE)	01/23/73-12/04/73	0	23	
CHCH0416	No	01047	IRON, FERROUS (UG/L AS FE)	11/13/74-02/23/78	3	13	
CHCH0433	No	01047	IRON, FERROUS (UG/L AS FE)	01/23/73-12/04/73	0	35	
CHCH0445	No	01047	IRON, FERROUS (UG/L AS FE)	01/23/73-12/05/73	0	46	
CHCH0448	No	01047	IRON, FERROUS (UG/L AS FE)	09/07/67-09/07/67	0	1	
CHCH0456	No	01047	IRON, FERROUS (UG/L AS FE)	10/23/75-10/23/75	0	1	
CHCH0457	No	01047	IRON, FERROUS (UG/L AS FE)	01/24/73-12/04/73	0	14	
CHCH0006	No	01049	LEAD, DISSOLVED (UG/L AS PB)	09/07/76-04/21/77	0	2	
CHCH0007	No	01049	LEAD, DISSOLVED (UG/L AS PB)	08/31/76-08/31/76	0	1	
CHCH0021	No	01049	LEAD, DISSOLVED (UG/L AS PB)	08/26/76-04/21/77	0	2	
CHCH0032	No	01049	LEAD, DISSOLVED (UG/L AS PB)	06/25/74-06/25/74	0	1	
CHCH0037	No	01049	LEAD, DISSOLVED (UG/L AS PB)	08/26/76-04/28/77	0	2	
CHCH0047	No	01049	LEAD, DISSOLVED (UG/L AS PB)	08/26/76-04/22/77	0	2	
CHCH0059	No	01049	LEAD, DISSOLVED (UG/L AS PB)	06/26/74-06/26/74	0	1	
CHCH0065	No	01049	LEAD, DISSOLVED (UG/L AS PB)	09/23/91-09/23/91	0	1	
CHCH0272	No	01049	LEAD, DISSOLVED (UG/L AS PB)	10/12/70-10/12/70	0	1	
CHCH0273	No	01049	LEAD, DISSOLVED (UG/L AS PB)	10/01/62-04/01/67	4	13	
CHCH0442	No	01049	LEAD, DISSOLVED (UG/L AS PB)	10/12/70-10/12/70	0	1	
CHCH0008	No	01051	LEAD, TOTAL (UG/L AS PB)	08/03/79-05/22/80	0	2	
CHCH0010	No	01051	LEAD, TOTAL (UG/L AS PB)	08/01/79-05/21/80	0	2	
CHCH0012	No	01051	LEAD, TOTAL (UG/L AS PB)	02/12/86-08/13/98	12	15	
CHCH0017	No	01051	LEAD, TOTAL (UG/L AS PB)	08/01/79-05/22/80	0	2	
CHCH0021	No	01051	LEAD, TOTAL (UG/L AS PB)	08/01/79-09/01/81	2	3	
CHCH0024	No	01051	LEAD, TOTAL (UG/L AS PB)	07/17/81-07/17/81	0	1	
CHCH0037	No	01051	LEAD, TOTAL (UG/L AS PB)	08/01/79-05/21/80	0	2	
CHCH0047	No	01051	LEAD, TOTAL (UG/L AS PB)	08/01/79-05/21/80	0	2	
CHCH0055	No	01051	LEAD, TOTAL (UG/L AS PB)	10/16/73-08/30/94	20	10	
CHCH0059	No	01051	LEAD, TOTAL (UG/L AS PB)	08/01/79-05/21/80	0	2	
CHCH0061	No	01051	LEAD, TOTAL (UG/L AS PB)	09/10/80-09/10/80	0	1	
CHCH0062	No	01051	LEAD, TOTAL (UG/L AS PB)	02/27/73-03/07/73	0	7	
CHCH0065	No	01051	LEAD, TOTAL (UG/L AS PB)	09/23/91-09/23/91	0	1	
CHCH0069	No	01051	LEAD, TOTAL (UG/L AS PB)	03/06/73-03/06/73	0	1	
CHCH0073	No	01051	LEAD, TOTAL (UG/L AS PB)	03/06/73-03/06/73	0	1	
CHCH0074	No	01051	LEAD, TOTAL (UG/L AS PB)	03/06/73-03/07/73	0	2	
CHCH0082	No	01051	LEAD, TOTAL (UG/L AS PB)	07/14/82-07/15/82	0	2	
CHCH0085	No	01051	LEAD, TOTAL (UG/L AS PB)	09/10/80-09/10/80	0	1	
CHCH0090	No	01051	LEAD, TOTAL (UG/L AS PB)	09/10/80-09/10/80	0	1	
CHCH0092	No	01051	LEAD, TOTAL (UG/L AS PB)	07/14/82-07/15/82	0	2	
CHCH0102	No	01051	LEAD, TOTAL (UG/L AS PB)	02/27/73-03/07/73	0	7	
CHCH0104	No	01051	LEAD, TOTAL (UG/L AS PB)	07/14/82-07/14/82	0	1	
CHCH0107	No	01051	LEAD, TOTAL (UG/L AS PB)	09/10/80-09/10/80	0	1	
CHCH0111	No	01051	LEAD, TOTAL (UG/L AS PB)	09/10/80-09/10/80	0	1	
CHCH0113	No	01051	LEAD, TOTAL (UG/L AS PB)	03/02/73-03/02/73	0	1	
CHCH0121	No	01051	LEAD, TOTAL (UG/L AS PB)	07/14/82-07/15/82	0	2	
CHCH0122	No	01051	LEAD, TOTAL (UG/L AS PB)	09/10/80-09/10/80	0	1	
CHCH0123	No	01051	LEAD, TOTAL (UG/L AS PB)	02/27/73-03/01/73	0	3	
CHCH0125	No	01051	LEAD, TOTAL (UG/L AS PB)	07/14/82-07/15/82	0	2	
CHCH0127	No	01051	LEAD, TOTAL (UG/L AS PB)	07/15/82-07/15/82	0	1	
CHCH0136	No	01051	LEAD, TOTAL (UG/L AS PB)	07/15/82-07/15/82	0	1	
CHCH0137	No	01051	LEAD, TOTAL (UG/L AS PB)	09/10/80-09/10/80	0	2	
CHCH0142	No	01051	LEAD, TOTAL (UG/L AS PB)	07/15/82-07/15/82	0	1	
CHCH0147	No	01051	LEAD, TOTAL (UG/L AS PB)	07/10/95-02/23/98	2	6	
CHCH0151	No	01051	LEAD, TOTAL (UG/L AS PB)	11/10/80-11/10/80	0	1	
CHCH0156	No	01051	LEAD, TOTAL (UG/L AS PB)	09/10/80-09/10/80	0	1	
CHCH0157	No	01051	LEAD, TOTAL (UG/L AS PB)	07/14/82-07/15/82	0	2	
CHCH0158	No	01051	LEAD, TOTAL (UG/L AS PB)	07/15/82-07/15/82	0	1	
CHCH0159	No	01051	LEAD, TOTAL (UG/L AS PB)	01/04/93-04/15/93	0	2	
CHCH0160	No	01051	LEAD, TOTAL (UG/L AS PB)	07/14/82-07/15/82	0	2	
CHCH0163	No	01051	LEAD, TOTAL (UG/L AS PB)	09/10/80-09/10/80	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0164	No	01051	LEAD, TOTAL (UG/L AS PB)	07/15/82-07/15/82	0	1	
CHCH0168	No	01051	LEAD, TOTAL (UG/L AS PB)	02/27/73-03/01/73	0	3	
CHCH0169	No	01051	LEAD, TOTAL (UG/L AS PB)	01/24/73-09/10/80	7	14	
CHCH0170	No	01051	LEAD, TOTAL (UG/L AS PB)	02/27/73-03/07/73	0	7	
CHCH0177	No	01051	LEAD, TOTAL (UG/L AS PB)	10/18/82-12/15/98	16	168	
CHCH0178	No	01051	LEAD, TOTAL (UG/L AS PB)	01/24/73-12/05/73	0	13	
CHCH0184	No	01051	LEAD, TOTAL (UG/L AS PB)	07/14/82-07/15/82	0	2	
CHCH0188	No	01051	LEAD, TOTAL (UG/L AS PB)	09/10/80-09/10/80	0	1	
CHCH0189	No	01051	LEAD, TOTAL (UG/L AS PB)	09/10/80-09/10/80	0	1	
CHCH0199	No	01051	LEAD, TOTAL (UG/L AS PB)	05/24/73-05/24/73	0	1	
CHCH0200	No	01051	LEAD, TOTAL (UG/L AS PB)	05/24/73-05/24/73	0	1	
CHCH0201	No	01051	LEAD, TOTAL (UG/L AS PB)	05/24/73-05/24/73	0	1	
CHCH0211	No	01051	LEAD, TOTAL (UG/L AS PB)	03/07/73-03/08/73	0	2	
CHCH0214	No	01051	LEAD, TOTAL (UG/L AS PB)	03/07/73-03/08/73	0	2	
CHCH0217	No	01051	LEAD, TOTAL (UG/L AS PB)	02/27/73-02/28/73	0	2	
CHCH0222	No	01051	LEAD, TOTAL (UG/L AS PB)	06/19/72-06/23/72	0	5	
CHCH0223	No	01051	LEAD, TOTAL (UG/L AS PB)	03/07/73-03/08/73	0	2	
CHCH0226	No	01051	LEAD, TOTAL (UG/L AS PB)	01/23/73-12/05/73	0	24	
CHCH0227	No	01051	LEAD, TOTAL (UG/L AS PB)	06/07/83-06/07/83	0	1	
CHCH0228	No	01051	LEAD, TOTAL (UG/L AS PB)	03/07/73-03/08/73	0	2	
CHCH0235	No	01051	LEAD, TOTAL (UG/L AS PB)	06/23/72-06/24/72	0	2	
CHCH0241	No	01051	LEAD, TOTAL (UG/L AS PB)	06/26/80-06/26/80	0	1	
CHCH0242	No	01051	LEAD, TOTAL (UG/L AS PB)	06/26/80-06/26/80	0	1	
CHCH0245	No	01051	LEAD, TOTAL (UG/L AS PB)	08/27/92-03/31/93	0	3	
CHCH0249	No	01051	LEAD, TOTAL (UG/L AS PB)	06/23/72-06/23/72	0	1	
CHCH0250	No	01051	LEAD, TOTAL (UG/L AS PB)	02/27/73-03/06/73	0	5	
CHCH0251	No	01051	LEAD, TOTAL (UG/L AS PB)	01/23/73-12/04/73	0	13	
CHCH0252	No	01051	LEAD, TOTAL (UG/L AS PB)	02/26/73-02/26/73	0	1	
CHCH0254	No	01051	LEAD, TOTAL (UG/L AS PB)	06/19/72-06/23/72	0	5	
CHCH0259	No	01051	LEAD, TOTAL (UG/L AS PB)	03/07/73-03/07/73	0	1	
CHCH0261	No	01051	LEAD, TOTAL (UG/L AS PB)	06/23/72-06/24/72	0	2	
CHCH0263	No	01051	LEAD, TOTAL (UG/L AS PB)	06/23/72-06/24/72	0	2	
CHCH0266	No	01051	LEAD, TOTAL (UG/L AS PB)	11/28/72-01/03/73	0	45	
CHCH0267	No	01051	LEAD, TOTAL (UG/L AS PB)	11/28/72-01/03/73	0	45	
CHCH0276	No	01051	LEAD, TOTAL (UG/L AS PB)	06/30/92-04/05/93	0	3	
CHCH0280	No	01051	LEAD, TOTAL (UG/L AS PB)	07/02/74-09/26/74	0	33	
CHCH0284	No	01051	LEAD, TOTAL (UG/L AS PB)	07/02/74-09/26/74	0	30	
CHCH0286	No	01051	LEAD, TOTAL (UG/L AS PB)	01/23/73-12/04/73	0	66	
CHCH0287	No	01051	LEAD, TOTAL (UG/L AS PB)	08/01/72-01/01/85	12	124	
CHCH0289	No	01051	LEAD, TOTAL (UG/L AS PB)	07/02/74-09/26/74	0	33	
CHCH0292	No	01051	LEAD, TOTAL (UG/L AS PB)	06/20/72-06/24/72	0	5	
CHCH0293	No	01051	LEAD, TOTAL (UG/L AS PB)	06/23/72-06/24/72	0	2	
CHCH0299	No	01051	LEAD, TOTAL (UG/L AS PB)	11/30/77-12/15/98	21	218	T,A
CHCH0300	No	01051	LEAD, TOTAL (UG/L AS PB)	06/20/72-06/24/72	0	5	
CHCH0303	No	01051	LEAD, TOTAL (UG/L AS PB)	03/06/73-03/08/73	0	3	
CHCH0304	No	01051	LEAD, TOTAL (UG/L AS PB)	03/06/73-03/08/73	0	3	
CHCH0305	No	01051	LEAD, TOTAL (UG/L AS PB)	03/06/73-03/08/73	0	4	
CHCH0306	No	01051	LEAD, TOTAL (UG/L AS PB)	03/06/73-03/08/73	0	3	
CHCH0310	No	01051	LEAD, TOTAL (UG/L AS PB)	01/23/73-12/05/73	0	24	
CHCH0311	No	01051	LEAD, TOTAL (UG/L AS PB)	06/23/72-06/24/72	0	2	
CHCH0312	No	01051	LEAD, TOTAL (UG/L AS PB)	06/20/72-06/24/72	0	5	
CHCH0322	No	01051	LEAD, TOTAL (UG/L AS PB)	06/24/72-06/24/72	0	1	
CHCH0326	No	01051	LEAD, TOTAL (UG/L AS PB)	06/03/92-03/02/93	0	3	
CHCH0329	No	01051	LEAD, TOTAL (UG/L AS PB)	08/01/72-04/18/77	4	10	
CHCH0330	No	01051	LEAD, TOTAL (UG/L AS PB)	06/19/72-06/22/72	0	4	
CHCH0331	No	01051	LEAD, TOTAL (UG/L AS PB)	06/24/72-06/24/72	0	1	
CHCH0342	No	01051	LEAD, TOTAL (UG/L AS PB)	01/24/73-12/04/73	0	14	
CHCH0343	No	01051	LEAD, TOTAL (UG/L AS PB)	06/20/72-06/24/72	0	5	
CHCH0346	No	01051	LEAD, TOTAL (UG/L AS PB)	06/23/72-06/23/72	0	1	
CHCH0347	No	01051	LEAD, TOTAL (UG/L AS PB)	01/23/73-12/05/73	0	13	
CHCH0354	No	01051	LEAD, TOTAL (UG/L AS PB)	11/30/77-04/07/98	20	112	T
CHCH0358	No	01051	LEAD, TOTAL (UG/L AS PB)	06/23/72-06/24/72	0	2	
CHCH0362	No	01051	LEAD, TOTAL (UG/L AS PB)	06/19/72-06/23/72	0	4	
CHCH0363	No	01051	LEAD, TOTAL (UG/L AS PB)	06/24/72-06/24/72	0	1	
CHCH0365	No	01051	LEAD, TOTAL (UG/L AS PB)	06/20/72-06/24/72	0	5	
CHCH0366	No	01051	LEAD, TOTAL (UG/L AS PB)	06/20/72-06/24/72	0	5	
CHCH0367	No	01051	LEAD, TOTAL (UG/L AS PB)	06/24/72-06/24/72	0	1	
CHCH0368	No	01051	LEAD, TOTAL (UG/L AS PB)	06/19/72-06/23/72	0	5	
CHCH0369	No	01051	LEAD, TOTAL (UG/L AS PB)	06/20/72-06/24/72	0	5	
CHCH0378	No	01051	LEAD, TOTAL (UG/L AS PB)	06/20/72-06/24/72	0	5	
CHCH0379	No	01051	LEAD, TOTAL (UG/L AS PB)	06/19/72-06/22/72	0	4	
CHCH0380	No	01051	LEAD, TOTAL (UG/L AS PB)	06/20/72-06/23/72	0	4	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0383	No	01051	LEAD, TOTAL (UG/L AS PB)	07/02/74-09/26/74	0	33	
CHCH0385	No	01051	LEAD, TOTAL (UG/L AS PB)	07/02/74-09/26/74	0	34	
CHCH0389	No	01051	LEAD, TOTAL (UG/L AS PB)	07/02/74-09/26/74	0	34	
CHCH0390	No	01051	LEAD, TOTAL (UG/L AS PB)	03/08/73-03/08/73	0	1	
CHCH0407	No	01051	LEAD, TOTAL (UG/L AS PB)	07/02/74-09/26/74	0	36	
CHCH0409	No	01051	LEAD, TOTAL (UG/L AS PB)	01/23/73-06/19/80	7	30	
CHCH0413	No	01051	LEAD, TOTAL (UG/L AS PB)	01/23/73-12/04/73	0	24	
CHCH0416	No	01051	LEAD, TOTAL (UG/L AS PB)	10/01/74-04/17/80	5	102	
CHCH0417	No	01051	LEAD, TOTAL (UG/L AS PB)	07/02/74-09/26/74	0	36	
CHCH0418	No	01051	LEAD, TOTAL (UG/L AS PB)	08/01/72-02/11/75	2	6	
CHCH0421	No	01051	LEAD, TOTAL (UG/L AS PB)	07/02/74-09/26/74	0	34	
CHCH0429	No	01051	LEAD, TOTAL (UG/L AS PB)	06/19/72-06/23/72	0	4	
CHCH0433	No	01051	LEAD, TOTAL (UG/L AS PB)	01/23/73-12/04/73	0	35	
CHCH0443	No	01051	LEAD, TOTAL (UG/L AS PB)	05/31/89-08/11/92	3	5	
CHCH0445	No	01051	LEAD, TOTAL (UG/L AS PB)	01/23/73-12/05/73	0	46	
CHCH0452	No	01051	LEAD, TOTAL (UG/L AS PB)	08/19/81-08/19/81	0	1	
CHCH0459	No	01051	LEAD, TOTAL (UG/L AS PB)	07/31/92-03/12/93	0	3	
CHCH0008	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/02/81-09/02/81	0	1	
CHCH0010	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/18/79-05/21/80	1	2	
CHCH0017	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/01/81-09/01/81	0	1	
CHCH0021	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/18/79-09/01/81	2	2	
CHCH0037	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	05/10/79-05/10/79	0	1	
CHCH0047	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/18/79-05/21/80	1	2	
CHCH0055	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	11/16/73-07/02/91	17	10	
CHCH0059	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/18/79-08/20/80	1	2	
CHCH0061	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0077	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	10/06/82-10/06/82	0	1	
CHCH0085	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0089	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	03/08/73-03/08/73	0	1	
CHCH0090	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0107	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0111	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0122	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0137	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/11/80-09/11/80	0	2	
CHCH0156	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/12/80-09/12/80	0	1	
CHCH0163	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/12/80-09/12/80	0	1	
CHCH0169	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/12/80-09/12/80	0	1	
CHCH0170	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	03/08/73-03/08/73	0	1	
CHCH0188	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0189	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0287	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/10/75-09/10/75	0	1	
CHCH0329	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/09/75-09/09/75	0	1	
CHCH0418	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/10/75-09/10/75	0	1	
CHCH0433	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/18/73-08/17/95	22	8	
CHCH0443	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	11/08/72-11/08/72	0	1	
CHCH0452	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/05/79-07/15/80	0	2	
CHCH0008	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	09/02/81-09/02/81	0	1	
CHCH0010	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	04/18/79-05/21/80	1	2	
CHCH0017	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	09/01/81-09/01/81	0	1	
CHCH0021	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	04/18/79-09/01/81	2	2	
CHCH0037	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	05/10/79-05/10/79	0	1	
CHCH0047	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	04/18/79-05/21/80	1	2	
CHCH0055	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	11/16/73-07/02/91	17	5	
CHCH0059	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	04/18/79-08/20/80	1	2	
CHCH0089	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	03/08/73-03/08/73	0	1	
CHCH0170	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	03/08/73-03/08/73	0	1	
CHCH0287	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	09/10/75-09/10/75	0	1	
CHCH0329	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	09/09/75-09/09/75	0	1	
CHCH0418	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	09/10/75-09/10/75	0	1	
CHCH0433	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	06/18/73-08/17/95	22	8	
CHCH0443	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	11/08/72-11/08/72	0	1	
CHCH0452	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	09/05/79-07/15/80	0	2	
CHCH0008	No	01054	MANGANESE, SUSPENDED (UG/L AS MN)	04/25/79-09/02/81	2	7	
CHCH0010	No	01054	MANGANESE, SUSPENDED (UG/L AS MN)	04/24/79-09/01/81	2	7	
CHCH0017	No	01054	MANGANESE, SUSPENDED (UG/L AS MN)	04/25/79-04/16/81	1	6	
CHCH0021	No	01054	MANGANESE, SUSPENDED (UG/L AS MN)	04/25/79-10/20/81	2	8	
CHCH0037	No	01054	MANGANESE, SUSPENDED (UG/L AS MN)	04/24/79-09/01/81	2	7	
CHCH0047	No	01054	MANGANESE, SUSPENDED (UG/L AS MN)	04/24/79-09/01/81	2	7	
CHCH0059	No	01054	MANGANESE, SUSPENDED (UG/L AS MN)	04/24/79-09/01/81	2	24	
CHCH0091	No	01054	MANGANESE, SUSPENDED (UG/L AS MN)	11/18/81-11/18/81	0	1	
CHCH0104	No	01054	MANGANESE, SUSPENDED (UG/L AS MN)	11/18/81-11/18/81	0	1	
CHCH0125	No	01054	MANGANESE, SUSPENDED (UG/L AS MN)	11/18/81-11/18/81	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0127	No	01054	MANGANESE, SUSPENDED (UG/L AS MN)	11/18/81-11/18/81	0	1	
CHCH0136	No	01054	MANGANESE, SUSPENDED (UG/L AS MN)	11/18/81-11/18/81	0	1	
CHCH0143	No	01054	MANGANESE, SUSPENDED (UG/L AS MN)	11/18/81-11/18/81	0	1	
CHCH0148	No	01054	MANGANESE, SUSPENDED (UG/L AS MN)	11/16/81-11/16/81	0	1	
CHCH0154	No	01054	MANGANESE, SUSPENDED (UG/L AS MN)	11/16/81-11/16/81	0	1	
CHCH0157	No	01054	MANGANESE, SUSPENDED (UG/L AS MN)	11/16/81-11/16/81	0	1	
CHCH0158	No	01054	MANGANESE, SUSPENDED (UG/L AS MN)	11/16/81-11/16/81	0	1	
CHCH0160	No	01054	MANGANESE, SUSPENDED (UG/L AS MN)	11/16/81-11/16/81	0	1	
CHCH0173	No	01054	MANGANESE, SUSPENDED (UG/L AS MN)	11/16/81-11/16/81	0	1	
CHCH0184	No	01054	MANGANESE, SUSPENDED (UG/L AS MN)	11/16/81-11/16/81	0	1	
CHCH0193	No	01054	MANGANESE, SUSPENDED (UG/L AS MN)	11/16/81-11/16/81	0	1	
CHCH0452	No	01054	MANGANESE, SUSPENDED (UG/L AS MN)	05/22/79-07/15/80	1	5	
CHCH0004	No	01055	MANGANESE, TOTAL (UG/L AS MN)	01/28/69-12/01/69	0	11	
CHCH0005	No	01055	MANGANESE, TOTAL (UG/L AS MN)	02/25/69-12/01/69	0	11	
CHCH0006	No	01055	MANGANESE, TOTAL (UG/L AS MN)	09/07/76-02/14/80	3	3	
CHCH0008	No	01055	MANGANESE, TOTAL (UG/L AS MN)	04/25/79-09/02/81	2	9	
CHCH0010	No	01055	MANGANESE, TOTAL (UG/L AS MN)	04/24/79-09/01/81	2	9	
CHCH0012	No	01055	MANGANESE, TOTAL (UG/L AS MN)	02/12/86-08/13/98	12	15	
CHCH0015	No	01055	MANGANESE, TOTAL (UG/L AS MN)	01/28/69-12/03/69	0	12	
CHCH0017	No	01055	MANGANESE, TOTAL (UG/L AS MN)	04/25/79-09/01/81	2	9	
CHCH0020	No	01055	MANGANESE, TOTAL (UG/L AS MN)	02/25/69-12/04/69	0	11	
CHCH0021	No	01055	MANGANESE, TOTAL (UG/L AS MN)	08/26/76-10/20/81	5	12	
CHCH0023	No	01055	MANGANESE, TOTAL (UG/L AS MN)	02/25/69-12/01/69	0	11	
CHCH0026	No	01055	MANGANESE, TOTAL (UG/L AS MN)	02/25/69-12/04/69	0	11	
CHCH0032	No	01055	MANGANESE, TOTAL (UG/L AS MN)	06/17/71-06/17/71	0	1	
CHCH0037	No	01055	MANGANESE, TOTAL (UG/L AS MN)	08/26/76-09/01/81	5	11	
CHCH0038	No	01055	MANGANESE, TOTAL (UG/L AS MN)	01/27/69-12/03/69	0	11	
CHCH0043	No	01055	MANGANESE, TOTAL (UG/L AS MN)	02/26/69-12/02/69	0	11	
CHCH0047	No	01055	MANGANESE, TOTAL (UG/L AS MN)	08/26/76-09/01/81	5	11	
CHCH0053	No	01055	MANGANESE, TOTAL (UG/L AS MN)	01/28/69-12/01/69	0	12	
CHCH0055	No	01055	MANGANESE, TOTAL (UG/L AS MN)	10/16/73-07/02/91	17	5	
CHCH0059	No	01055	MANGANESE, TOTAL (UG/L AS MN)	06/17/71-09/01/81	10	27	
CHCH0062	No	01055	MANGANESE, TOTAL (UG/L AS MN)	02/27/73-03/07/73	0	7	
CHCH0064	No	01055	MANGANESE, TOTAL (UG/L AS MN)	02/25/69-12/04/69	0	11	
CHCH0069	No	01055	MANGANESE, TOTAL (UG/L AS MN)	03/06/73-03/06/73	0	1	
CHCH0073	No	01055	MANGANESE, TOTAL (UG/L AS MN)	03/06/73-03/06/73	0	1	
CHCH0074	No	01055	MANGANESE, TOTAL (UG/L AS MN)	03/06/73-03/07/73	0	2	
CHCH0076	No	01055	MANGANESE, TOTAL (UG/L AS MN)	01/27/69-12/03/69	0	12	
CHCH0077	No	01055	MANGANESE, TOTAL (UG/L AS MN)	10/06/82-10/06/82	0	1	
CHCH0082	No	01055	MANGANESE, TOTAL (UG/L AS MN)	07/14/82-07/15/82	0	2	
CHCH0092	No	01055	MANGANESE, TOTAL (UG/L AS MN)	07/14/82-07/15/82	0	2	
CHCH0102	No	01055	MANGANESE, TOTAL (UG/L AS MN)	02/27/73-03/07/73	0	7	
CHCH0104	No	01055	MANGANESE, TOTAL (UG/L AS MN)	07/14/82-07/15/82	0	2	
CHCH0113	No	01055	MANGANESE, TOTAL (UG/L AS MN)	03/02/73-03/02/73	0	1	
CHCH0121	No	01055	MANGANESE, TOTAL (UG/L AS MN)	07/14/82-07/15/82	0	2	
CHCH0123	No	01055	MANGANESE, TOTAL (UG/L AS MN)	02/27/73-03/01/73	0	3	
CHCH0125	No	01055	MANGANESE, TOTAL (UG/L AS MN)	07/14/82-07/15/82	0	2	
CHCH0126	No	01055	MANGANESE, TOTAL (UG/L AS MN)	02/26/69-12/02/69	0	11	
CHCH0127	No	01055	MANGANESE, TOTAL (UG/L AS MN)	07/14/82-07/15/82	0	2	
CHCH0136	No	01055	MANGANESE, TOTAL (UG/L AS MN)	07/14/82-07/15/82	0	2	
CHCH0142	No	01055	MANGANESE, TOTAL (UG/L AS MN)	07/14/82-07/15/82	0	2	
CHCH0150	No	01055	MANGANESE, TOTAL (UG/L AS MN)	10/23/75-09/14/76	0	13	
CHCH0151	No	01055	MANGANESE, TOTAL (UG/L AS MN)	02/26/69-11/10/80	11	15	
CHCH0157	No	01055	MANGANESE, TOTAL (UG/L AS MN)	07/14/82-07/15/82	0	2	
CHCH0158	No	01055	MANGANESE, TOTAL (UG/L AS MN)	07/14/82-07/15/82	0	2	
CHCH0160	No	01055	MANGANESE, TOTAL (UG/L AS MN)	07/14/82-07/15/82	0	2	
CHCH0164	No	01055	MANGANESE, TOTAL (UG/L AS MN)	07/14/82-07/15/82	0	2	
CHCH0168	No	01055	MANGANESE, TOTAL (UG/L AS MN)	02/27/73-03/01/73	0	3	
CHCH0169	No	01055	MANGANESE, TOTAL (UG/L AS MN)	01/24/73-12/04/73	0	13	
CHCH0170	No	01055	MANGANESE, TOTAL (UG/L AS MN)	02/27/73-03/07/73	0	7	
CHCH0178	No	01055	MANGANESE, TOTAL (UG/L AS MN)	01/24/73-12/05/73	0	13	
CHCH0184	No	01055	MANGANESE, TOTAL (UG/L AS MN)	07/14/82-07/15/82	0	2	
CHCH0190	No	01055	MANGANESE, TOTAL (UG/L AS MN)	09/07/67-09/07/67	0	1	
CHCH0191	No	01055	MANGANESE, TOTAL (UG/L AS MN)	09/07/67-09/07/67	0	2	
CHCH0199	No	01055	MANGANESE, TOTAL (UG/L AS MN)	05/24/73-05/24/73	0	1	
CHCH0200	No	01055	MANGANESE, TOTAL (UG/L AS MN)	05/24/73-05/24/73	0	1	
CHCH0201	No	01055	MANGANESE, TOTAL (UG/L AS MN)	05/24/73-05/24/73	0	1	
CHCH0211	No	01055	MANGANESE, TOTAL (UG/L AS MN)	03/07/73-03/08/73	0	2	
CHCH0214	No	01055	MANGANESE, TOTAL (UG/L AS MN)	03/07/73-03/08/73	0	2	
CHCH0217	No	01055	MANGANESE, TOTAL (UG/L AS MN)	02/27/73-02/28/73	0	2	
CHCH0222	No	01055	MANGANESE, TOTAL (UG/L AS MN)	06/19/72-06/23/72	0	5	
CHCH0223	No	01055	MANGANESE, TOTAL (UG/L AS MN)	03/07/73-03/08/73	0	2	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0226	No	01055	MANGANESE, TOTAL (UG/L AS MN)	01/23/73-12/05/73	0	24	
CHCH0228	No	01055	MANGANESE, TOTAL (UG/L AS MN)	03/07/73-03/08/73	0	2	
CHCH0235	No	01055	MANGANESE, TOTAL (UG/L AS MN)	06/23/72-06/24/72	0	2	
CHCH0237	No	01055	MANGANESE, TOTAL (UG/L AS MN)	09/07/67-09/07/67	0	1	
CHCH0241	No	01055	MANGANESE, TOTAL (UG/L AS MN)	06/26/80-06/26/80	0	1	
CHCH0242	No	01055	MANGANESE, TOTAL (UG/L AS MN)	06/26/80-06/26/80	0	1	
CHCH0249	No	01055	MANGANESE, TOTAL (UG/L AS MN)	06/23/72-06/23/72	0	1	
CHCH0250	No	01055	MANGANESE, TOTAL (UG/L AS MN)	02/27/73-03/06/73	0	5	
CHCH0251	No	01055	MANGANESE, TOTAL (UG/L AS MN)	01/23/73-12/04/73	0	13	
CHCH0252	No	01055	MANGANESE, TOTAL (UG/L AS MN)	02/26/73-02/26/73	0	1	
CHCH0254	No	01055	MANGANESE, TOTAL (UG/L AS MN)	06/19/72-06/23/72	0	5	
CHCH0259	No	01055	MANGANESE, TOTAL (UG/L AS MN)	03/07/73-03/07/73	0	1	
CHCH0261	No	01055	MANGANESE, TOTAL (UG/L AS MN)	06/23/72-06/24/72	0	2	
CHCH0263	No	01055	MANGANESE, TOTAL (UG/L AS MN)	06/23/72-06/24/72	0	2	
CHCH0273	No	01055	MANGANESE, TOTAL (UG/L AS MN)	10/01/62-04/01/67	4	13	
CHCH0280	No	01055	MANGANESE, TOTAL (UG/L AS MN)	07/02/74-09/26/74	0	33	
CHCH0284	No	01055	MANGANESE, TOTAL (UG/L AS MN)	07/02/74-09/26/74	0	30	
CHCH0286	No	01055	MANGANESE, TOTAL (UG/L AS MN)	11/09/71-12/04/73	2	71	
CHCH0287	No	01055	MANGANESE, TOTAL (UG/L AS MN)	08/01/72-01/01/85	12	147	
CHCH0289	No	01055	MANGANESE, TOTAL (UG/L AS MN)	07/02/74-09/26/74	0	33	
CHCH0292	No	01055	MANGANESE, TOTAL (UG/L AS MN)	06/20/72-06/24/72	0	5	
CHCH0293	No	01055	MANGANESE, TOTAL (UG/L AS MN)	06/23/72-06/24/72	0	2	
CHCH0299	No	01055	MANGANESE, TOTAL (UG/L AS MN)	03/17/98-03/17/98	0	1	
CHCH0300	No	01055	MANGANESE, TOTAL (UG/L AS MN)	06/20/72-06/24/72	0	5	
CHCH0303	No	01055	MANGANESE, TOTAL (UG/L AS MN)	03/06/73-03/08/73	0	3	
CHCH0304	No	01055	MANGANESE, TOTAL (UG/L AS MN)	03/06/73-03/08/73	0	3	
CHCH0305	No	01055	MANGANESE, TOTAL (UG/L AS MN)	03/06/73-03/08/73	0	4	
CHCH0306	No	01055	MANGANESE, TOTAL (UG/L AS MN)	03/06/73-03/08/73	0	3	
CHCH0308	No	01055	MANGANESE, TOTAL (UG/L AS MN)	09/07/67-09/07/67	0	1	
CHCH0310	No	01055	MANGANESE, TOTAL (UG/L AS MN)	09/07/67-12/05/73	6	25	
CHCH0311	No	01055	MANGANESE, TOTAL (UG/L AS MN)	06/23/72-06/24/72	0	2	
CHCH0312	No	01055	MANGANESE, TOTAL (UG/L AS MN)	06/20/72-06/24/72	0	5	
CHCH0316	No	01055	MANGANESE, TOTAL (UG/L AS MN)	02/14/77-02/14/77	0	1	
CHCH0322	No	01055	MANGANESE, TOTAL (UG/L AS MN)	06/24/72-06/24/72	0	1	
CHCH0329	No	01055	MANGANESE, TOTAL (UG/L AS MN)	08/01/72-08/29/77	5	56	
CHCH0330	No	01055	MANGANESE, TOTAL (UG/L AS MN)	06/19/72-06/22/72	0	4	
CHCH0331	No	01055	MANGANESE, TOTAL (UG/L AS MN)	06/24/72-06/24/72	0	1	
CHCH0335	No	01055	MANGANESE, TOTAL (UG/L AS MN)	01/24/73-12/05/73	0	14	
CHCH0342	No	01055	MANGANESE, TOTAL (UG/L AS MN)	02/26/69-12/04/73	4	25	
CHCH0343	No	01055	MANGANESE, TOTAL (UG/L AS MN)	06/20/72-06/24/72	0	5	
CHCH0346	No	01055	MANGANESE, TOTAL (UG/L AS MN)	06/23/72-06/23/72	0	1	
CHCH0347	No	01055	MANGANESE, TOTAL (UG/L AS MN)	01/23/73-12/05/73	0	13	
CHCH0358	No	01055	MANGANESE, TOTAL (UG/L AS MN)	06/23/72-06/24/72	0	2	
CHCH0362	No	01055	MANGANESE, TOTAL (UG/L AS MN)	06/19/72-06/23/72	0	4	
CHCH0363	No	01055	MANGANESE, TOTAL (UG/L AS MN)	06/24/72-06/24/72	0	1	
CHCH0365	No	01055	MANGANESE, TOTAL (UG/L AS MN)	06/20/72-06/24/72	0	5	
CHCH0366	No	01055	MANGANESE, TOTAL (UG/L AS MN)	06/20/72-06/24/72	0	5	
CHCH0367	No	01055	MANGANESE, TOTAL (UG/L AS MN)	06/24/72-06/24/72	0	1	
CHCH0368	No	01055	MANGANESE, TOTAL (UG/L AS MN)	06/19/72-06/23/72	0	5	
CHCH0369	No	01055	MANGANESE, TOTAL (UG/L AS MN)	06/20/72-06/24/72	0	5	
CHCH0378	No	01055	MANGANESE, TOTAL (UG/L AS MN)	06/20/72-06/24/72	0	5	
CHCH0379	No	01055	MANGANESE, TOTAL (UG/L AS MN)	06/19/72-06/22/72	0	4	
CHCH0380	No	01055	MANGANESE, TOTAL (UG/L AS MN)	06/20/72-06/23/72	0	4	
CHCH0383	No	01055	MANGANESE, TOTAL (UG/L AS MN)	07/02/74-09/26/74	0	33	
CHCH0385	No	01055	MANGANESE, TOTAL (UG/L AS MN)	07/02/74-09/26/74	0	34	
CHCH0389	No	01055	MANGANESE, TOTAL (UG/L AS MN)	07/02/74-09/26/74	0	34	
CHCH0390	No	01055	MANGANESE, TOTAL (UG/L AS MN)	03/08/73-03/08/73	0	1	
CHCH0392	No	01055	MANGANESE, TOTAL (UG/L AS MN)	09/07/67-09/07/67	0	1	
CHCH0401	No	01055	MANGANESE, TOTAL (UG/L AS MN)	01/23/73-12/05/73	0	13	
CHCH0407	No	01055	MANGANESE, TOTAL (UG/L AS MN)	07/02/74-09/26/74	0	36	
CHCH0409	No	01055	MANGANESE, TOTAL (UG/L AS MN)	01/23/73-09/30/74	1	35	
CHCH0413	No	01055	MANGANESE, TOTAL (UG/L AS MN)	01/23/73-12/04/73	0	24	
CHCH0416	No	01055	MANGANESE, TOTAL (UG/L AS MN)	10/01/74-02/15/79	4	116	
CHCH0417	No	01055	MANGANESE, TOTAL (UG/L AS MN)	07/02/74-09/26/74	0	36	
CHCH0418	No	01055	MANGANESE, TOTAL (UG/L AS MN)	08/01/72-06/03/75	2	30	
CHCH0421	No	01055	MANGANESE, TOTAL (UG/L AS MN)	07/02/74-09/26/74	0	34	
CHCH0428	No	01055	MANGANESE, TOTAL (UG/L AS MN)	11/23/60-11/15/62	1	41	
CHCH0429	No	01055	MANGANESE, TOTAL (UG/L AS MN)	06/19/72-06/23/72	0	4	
CHCH0433	No	01055	MANGANESE, TOTAL (UG/L AS MN)	01/23/73-10/18/88	15	73	
CHCH0443	No	01055	MANGANESE, TOTAL (UG/L AS MN)	11/08/71-08/11/92	20	12	
CHCH0445	No	01055	MANGANESE, TOTAL (UG/L AS MN)	01/23/73-12/05/73	0	46	
CHCH0448	No	01055	MANGANESE, TOTAL (UG/L AS MN)	09/07/67-09/07/67	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0452	No	01055	MANGANESE, TOTAL (UG/L AS MN)	05/22/79-03/18/80	0	4	
CHCH0456	No	01055	MANGANESE, TOTAL (UG/L AS MN)	10/23/75-09/14/76	0	13	
CHCH0457	No	01055	MANGANESE, TOTAL (UG/L AS MN)	01/24/73-11/16/76	3	16	
CHCH0001	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/03/77-10/03/77	0	1	
CHCH0004	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	02/27/69-12/01/69	0	10	
CHCH0005	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	02/25/69-12/01/69	0	10	
CHCH0006	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/07/76-04/21/77	0	2	
CHCH0007	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/31/76-08/31/76	0	1	
CHCH0008	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/25/79-09/02/81	2	7	
CHCH0010	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/24/79-09/01/81	2	7	
CHCH0015	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	02/24/69-12/03/69	0	11	
CHCH0017	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/25/79-09/01/81	2	7	
CHCH0020	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	02/25/69-12/04/69	0	11	
CHCH0021	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/26/76-10/20/81	5	10	
CHCH0022	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/28/77-09/28/77	0	1	
CHCH0023	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	02/25/69-12/01/69	0	11	
CHCH0024	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/17/81-07/17/81	0	1	
CHCH0026	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	02/25/69-12/04/69	0	10	
CHCH0032	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/25/74-06/25/74	0	1	
CHCH0035	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/07/77-10/07/77	0	1	
CHCH0037	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/26/76-09/01/81	5	8	
CHCH0038	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	01/27/69-12/03/69	0	10	
CHCH0043	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	02/26/69-12/02/69	0	10	
CHCH0047	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/26/76-09/01/81	5	9	
CHCH0052	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/24/77-09/24/77	0	1	
CHCH0053	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	02/27/69-12/01/69	0	11	
CHCH0059	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/26/74-09/01/81	7	25	
CHCH0064	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	02/25/69-12/04/69	0	10	
CHCH0076	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	02/24/69-12/03/69	0	10	
CHCH0112	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/02/78-10/02/78	0	1	
CHCH0126	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	02/26/69-12/02/69	0	10	
CHCH0141	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/21/78-09/21/78	0	1	
CHCH0149	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/25/65-05/25/65	0	1	
CHCH0150	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	11/25/75-09/14/76	0	12	
CHCH0151	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	02/26/69-12/07/76	7	14	
CHCH0161	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/19/78-09/19/78	0	1	
CHCH0169	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	01/24/73-12/04/73	0	13	
CHCH0178	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	01/24/73-12/05/73	0	13	
CHCH0190	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/07/67-09/07/67	0	1	
CHCH0191	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/07/67-09/07/67	0	2	
CHCH0203	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/19/78-09/19/78	0	1	
CHCH0215	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/24/78-08/24/78	0	1	
CHCH0226	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	01/23/73-12/05/73	0	24	
CHCH0237	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/07/67-09/07/67	0	1	
CHCH0244	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/02/78-10/02/78	0	1	
CHCH0251	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	01/23/73-12/04/73	0	13	
CHCH0252	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	02/26/73-02/26/73	0	1	
CHCH0277	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/24/78-08/24/78	0	1	
CHCH0286	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	01/23/73-12/04/73	0	66	
CHCH0308	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/07/67-09/07/67	0	1	
CHCH0310	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/07/67-12/05/73	6	25	
CHCH0335	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	01/24/73-12/05/73	0	14	
CHCH0342	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	02/26/69-12/04/73	4	24	
CHCH0347	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	01/23/73-12/05/73	0	13	
CHCH0348	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/28/96-02/14/97	0	6	
CHCH0392	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/07/67-09/07/67	0	1	
CHCH0401	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	01/23/73-12/05/73	0	13	
CHCH0402	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/24/78-08/24/78	0	1	
CHCH0409	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	01/23/73-06/19/80	7	14	
CHCH0413	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	01/23/73-12/04/73	0	24	
CHCH0416	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	11/13/74-03/04/80	5	25	
CHCH0433	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	01/23/73-10/18/88	15	71	
CHCH0439	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/19/78-09/19/78	0	1	
CHCH0445	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	01/23/73-12/05/73	0	46	
CHCH0448	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/07/67-09/07/67	0	1	
CHCH0451	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/25/78-08/25/78	0	1	
CHCH0452	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/22/79-08/19/81	2	6	
CHCH0456	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	11/25/75-09/14/76	0	12	
CHCH0457	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	01/24/73-12/07/76	3	16	
CHCH0462	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/20/78-09/20/78	0	1	
CHCH0463	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/24/78-08/24/78	0	1	
CHCH0065	No	01057	THALLIUM, DISSOLVED (UG/L AS TL)	09/23/91-09/23/91	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0012	No	01059	THALLIUM, TOTAL (UG/L AS TL)	02/12/86-08/13/98	12	15	
CHCH0055	No	01059	THALLIUM, TOTAL (UG/L AS TL)	07/02/91-08/30/94	3	2	
CHCH0061	No	01059	THALLIUM, TOTAL (UG/L AS TL)	09/10/80-09/10/80	0	1	
CHCH0065	No	01059	THALLIUM, TOTAL (UG/L AS TL)	09/23/91-09/23/91	0	1	
CHCH0085	No	01059	THALLIUM, TOTAL (UG/L AS TL)	09/10/80-09/10/80	0	1	
CHCH0090	No	01059	THALLIUM, TOTAL (UG/L AS TL)	09/10/80-09/10/80	0	1	
CHCH0107	No	01059	THALLIUM, TOTAL (UG/L AS TL)	09/10/80-09/10/80	0	1	
CHCH0111	No	01059	THALLIUM, TOTAL (UG/L AS TL)	09/10/80-09/10/80	0	1	
CHCH0122	No	01059	THALLIUM, TOTAL (UG/L AS TL)	09/10/80-09/10/80	0	1	
CHCH0137	No	01059	THALLIUM, TOTAL (UG/L AS TL)	09/10/80-09/10/80	0	2	
CHCH0156	No	01059	THALLIUM, TOTAL (UG/L AS TL)	09/10/80-09/10/80	0	1	
CHCH0159	No	01059	THALLIUM, TOTAL (UG/L AS TL)	08/21/92-04/15/93	0	3	
CHCH0163	No	01059	THALLIUM, TOTAL (UG/L AS TL)	09/10/80-09/10/80	0	1	
CHCH0169	No	01059	THALLIUM, TOTAL (UG/L AS TL)	09/10/80-09/10/80	0	1	
CHCH0188	No	01059	THALLIUM, TOTAL (UG/L AS TL)	09/10/80-09/10/80	0	1	
CHCH0189	No	01059	THALLIUM, TOTAL (UG/L AS TL)	09/10/80-09/10/80	0	1	
CHCH0241	No	01059	THALLIUM, TOTAL (UG/L AS TL)	06/26/80-06/26/80	0	1	
CHCH0242	No	01059	THALLIUM, TOTAL (UG/L AS TL)	06/26/80-06/26/80	0	1	
CHCH0245	No	01059	THALLIUM, TOTAL (UG/L AS TL)	08/27/92-03/31/93	0	3	
CHCH0276	No	01059	THALLIUM, TOTAL (UG/L AS TL)	06/30/92-04/05/93	0	3	
CHCH0326	No	01059	THALLIUM, TOTAL (UG/L AS TL)	06/03/92-03/02/93	0	3	
CHCH0459	No	01059	THALLIUM, TOTAL (UG/L AS TL)	07/31/92-03/12/93	0	3	
CHCH0273	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	10/01/62-04/01/67	4	13	
CHCH0012	No	01062	MOLYBDENUM, TOTAL (UG/L AS MO)	02/12/86-08/13/98	12	15	
CHCH0241	No	01062	MOLYBDENUM, TOTAL (UG/L AS MO)	06/26/80-06/26/80	0	1	
CHCH0242	No	01062	MOLYBDENUM, TOTAL (UG/L AS MO)	06/26/80-06/26/80	0	1	
CHCH0433	No	01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	06/18/73-06/18/73	0	1	
CHCH0443	No	01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	11/08/72-11/08/72	0	1	
CHCH0241	No	01064	TELLURIUM, TOTAL IN WHOLE WATER SAMPLE (UG/L)	06/26/80-06/26/80	0	1	
CHCH0242	No	01064	TELLURIUM, TOTAL IN WHOLE WATER SAMPLE (UG/L)	06/26/80-06/26/80	0	1	
CHCH0007	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	08/31/76-08/31/76	0	1	
CHCH0065	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	09/23/91-09/23/91	0	1	
CHCH0273	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	10/01/62-04/01/67	4	13	
CHCH0012	No	01067	NICKEL, TOTAL (UG/L AS NI)	02/12/86-08/13/98	12	15	
CHCH0055	No	01067	NICKEL, TOTAL (UG/L AS NI)	10/16/73-07/02/91	17	5	
CHCH0061	No	01067	NICKEL, TOTAL (UG/L AS NI)	09/10/80-09/10/80	0	1	
CHCH0062	No	01067	NICKEL, TOTAL (UG/L AS NI)	02/27/73-03/07/73	0	7	
CHCH0065	No	01067	NICKEL, TOTAL (UG/L AS NI)	09/23/91-09/23/91	0	1	
CHCH0069	No	01067	NICKEL, TOTAL (UG/L AS NI)	03/06/73-03/06/73	0	1	
CHCH0073	No	01067	NICKEL, TOTAL (UG/L AS NI)	03/06/73-03/06/73	0	1	
CHCH0074	No	01067	NICKEL, TOTAL (UG/L AS NI)	03/06/73-03/07/73	0	2	
CHCH0082	No	01067	NICKEL, TOTAL (UG/L AS NI)	07/14/82-07/15/82	0	2	
CHCH0085	No	01067	NICKEL, TOTAL (UG/L AS NI)	09/10/80-09/10/80	0	1	
CHCH0090	No	01067	NICKEL, TOTAL (UG/L AS NI)	09/10/80-09/10/80	0	1	
CHCH0092	No	01067	NICKEL, TOTAL (UG/L AS NI)	07/14/82-07/15/82	0	2	
CHCH0102	No	01067	NICKEL, TOTAL (UG/L AS NI)	02/27/73-03/07/73	0	7	
CHCH0104	No	01067	NICKEL, TOTAL (UG/L AS NI)	07/14/82-07/15/82	0	2	
CHCH0105	No	01067	NICKEL, TOTAL (UG/L AS NI)	01/27/69-12/03/69	0	9	
CHCH0107	No	01067	NICKEL, TOTAL (UG/L AS NI)	09/10/80-09/10/80	0	1	
CHCH0111	No	01067	NICKEL, TOTAL (UG/L AS NI)	09/10/80-09/10/80	0	1	
CHCH0113	No	01067	NICKEL, TOTAL (UG/L AS NI)	03/02/73-03/02/73	0	1	
CHCH0121	No	01067	NICKEL, TOTAL (UG/L AS NI)	07/14/82-07/15/82	0	2	
CHCH0122	No	01067	NICKEL, TOTAL (UG/L AS NI)	09/10/80-09/10/80	0	1	
CHCH0123	No	01067	NICKEL, TOTAL (UG/L AS NI)	02/27/73-03/01/73	0	3	
CHCH0125	No	01067	NICKEL, TOTAL (UG/L AS NI)	07/14/82-07/15/82	0	2	
CHCH0127	No	01067	NICKEL, TOTAL (UG/L AS NI)	07/15/82-07/15/82	0	1	
CHCH0136	No	01067	NICKEL, TOTAL (UG/L AS NI)	07/15/82-07/15/82	0	1	
CHCH0137	No	01067	NICKEL, TOTAL (UG/L AS NI)	09/10/80-09/10/80	0	2	
CHCH0142	No	01067	NICKEL, TOTAL (UG/L AS NI)	07/15/82-07/15/82	0	1	
CHCH0147	No	01067	NICKEL, TOTAL (UG/L AS NI)	07/10/95-02/23/98	2	6	
CHCH0151	No	01067	NICKEL, TOTAL (UG/L AS NI)	11/10/80-11/10/80	0	1	
CHCH0156	No	01067	NICKEL, TOTAL (UG/L AS NI)	09/10/80-09/10/80	0	1	
CHCH0157	No	01067	NICKEL, TOTAL (UG/L AS NI)	07/15/82-07/15/82	0	1	
CHCH0158	No	01067	NICKEL, TOTAL (UG/L AS NI)	07/15/82-07/15/82	0	1	
CHCH0159	No	01067	NICKEL, TOTAL (UG/L AS NI)	08/21/92-04/15/93	0	3	
CHCH0160	No	01067	NICKEL, TOTAL (UG/L AS NI)	07/15/82-07/15/82	0	1	
CHCH0163	No	01067	NICKEL, TOTAL (UG/L AS NI)	09/10/80-09/10/80	0	1	
CHCH0164	No	01067	NICKEL, TOTAL (UG/L AS NI)	07/15/82-07/15/82	0	1	
CHCH0168	No	01067	NICKEL, TOTAL (UG/L AS NI)	02/27/73-03/01/73	0	3	
CHCH0169	No	01067	NICKEL, TOTAL (UG/L AS NI)	01/27/69-09/10/80	11	22	
CHCH0170	No	01067	NICKEL, TOTAL (UG/L AS NI)	02/27/73-03/07/73	0	7	
CHCH0177	No	01067	NICKEL, TOTAL (UG/L AS NI)	02/22/83-12/15/98	15	164	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0178	No	01067	NICKEL, TOTAL (UG/L AS NI)	01/24/73-12/05/73	0	13	
CHCH0184	No	01067	NICKEL, TOTAL (UG/L AS NI)	07/15/82-07/15/82	0	1	
CHCH0188	No	01067	NICKEL, TOTAL (UG/L AS NI)	09/10/80-09/10/80	0	1	
CHCH0189	No	01067	NICKEL, TOTAL (UG/L AS NI)	09/10/80-09/10/80	0	1	
CHCH0199	No	01067	NICKEL, TOTAL (UG/L AS NI)	05/24/73-05/24/73	0	1	
CHCH0200	No	01067	NICKEL, TOTAL (UG/L AS NI)	05/24/73-05/24/73	0	1	
CHCH0201	No	01067	NICKEL, TOTAL (UG/L AS NI)	05/24/73-05/24/73	0	1	
CHCH0211	No	01067	NICKEL, TOTAL (UG/L AS NI)	03/07/73-03/08/73	0	2	
CHCH0214	No	01067	NICKEL, TOTAL (UG/L AS NI)	03/07/73-03/08/73	0	2	
CHCH0217	No	01067	NICKEL, TOTAL (UG/L AS NI)	02/27/73-02/28/73	0	2	
CHCH0223	No	01067	NICKEL, TOTAL (UG/L AS NI)	03/07/73-03/08/73	0	2	
CHCH0226	No	01067	NICKEL, TOTAL (UG/L AS NI)	01/23/73-12/05/73	0	24	
CHCH0228	No	01067	NICKEL, TOTAL (UG/L AS NI)	03/07/73-03/08/73	0	2	
CHCH0241	No	01067	NICKEL, TOTAL (UG/L AS NI)	06/26/80-06/26/80	0	1	
CHCH0242	No	01067	NICKEL, TOTAL (UG/L AS NI)	06/26/80-06/26/80	0	1	
CHCH0245	No	01067	NICKEL, TOTAL (UG/L AS NI)	08/27/92-03/31/93	0	3	
CHCH0250	No	01067	NICKEL, TOTAL (UG/L AS NI)	02/27/73-03/06/73	0	5	
CHCH0251	No	01067	NICKEL, TOTAL (UG/L AS NI)	01/23/73-12/04/73	0	13	
CHCH0252	No	01067	NICKEL, TOTAL (UG/L AS NI)	02/26/73-02/26/73	0	1	
CHCH0259	No	01067	NICKEL, TOTAL (UG/L AS NI)	03/07/73-03/07/73	0	1	
CHCH0276	No	01067	NICKEL, TOTAL (UG/L AS NI)	06/30/92-04/05/93	0	3	
CHCH0286	No	01067	NICKEL, TOTAL (UG/L AS NI)	05/04/71-12/04/73	2	75	
CHCH0287	No	01067	NICKEL, TOTAL (UG/L AS NI)	08/01/72-01/01/85	12	125	
CHCH0299	No	01067	NICKEL, TOTAL (UG/L AS NI)	02/22/83-12/15/98	15	158	
CHCH0303	No	01067	NICKEL, TOTAL (UG/L AS NI)	03/06/73-03/08/73	0	3	
CHCH0304	No	01067	NICKEL, TOTAL (UG/L AS NI)	03/06/73-03/08/73	0	3	
CHCH0305	No	01067	NICKEL, TOTAL (UG/L AS NI)	03/06/73-03/08/73	0	4	
CHCH0306	No	01067	NICKEL, TOTAL (UG/L AS NI)	03/06/73-03/08/73	0	3	
CHCH0310	No	01067	NICKEL, TOTAL (UG/L AS NI)	01/23/73-12/05/73	0	24	
CHCH0326	No	01067	NICKEL, TOTAL (UG/L AS NI)	06/03/92-03/02/93	0	3	
CHCH0329	No	01067	NICKEL, TOTAL (UG/L AS NI)	08/01/72-04/18/77	4	10	
CHCH0342	No	01067	NICKEL, TOTAL (UG/L AS NI)	01/24/73-12/04/73	0	14	
CHCH0347	No	01067	NICKEL, TOTAL (UG/L AS NI)	01/23/73-12/05/73	0	13	
CHCH0354	No	01067	NICKEL, TOTAL (UG/L AS NI)	04/12/83-04/07/98	14	51	
CHCH0390	No	01067	NICKEL, TOTAL (UG/L AS NI)	03/08/73-03/08/73	0	1	
CHCH0409	No	01067	NICKEL, TOTAL (UG/L AS NI)	01/23/73-08/14/74	1	14	
CHCH0413	No	01067	NICKEL, TOTAL (UG/L AS NI)	01/23/73-12/04/73	0	24	
CHCH0416	No	01067	NICKEL, TOTAL (UG/L AS NI)	11/13/74-02/15/79	4	18	
CHCH0418	No	01067	NICKEL, TOTAL (UG/L AS NI)	08/01/72-02/11/75	2	6	
CHCH0433	No	01067	NICKEL, TOTAL (UG/L AS NI)	01/23/73-12/04/73	0	35	
CHCH0443	No	01067	NICKEL, TOTAL (UG/L AS NI)	05/03/71-08/11/92	21	16	
CHCH0445	No	01067	NICKEL, TOTAL (UG/L AS NI)	01/23/73-12/05/73	0	46	
CHCH0459	No	01067	NICKEL, TOTAL (UG/L AS NI)	07/31/92-03/12/93	0	3	
CHCH0055	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/16/73-07/02/91	17	5	
CHCH0061	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0085	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0089	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/08/73-03/08/73	0	1	
CHCH0090	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0091	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/18/81-11/18/81	0	1	
CHCH0104	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/18/81-11/18/81	0	1	
CHCH0107	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0111	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0122	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0125	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/18/81-11/18/81	0	1	
CHCH0127	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/18/81-11/18/81	0	1	
CHCH0135	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/18/81-11/18/81	0	1	
CHCH0136	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/16/81-11/18/81	0	2	
CHCH0137	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/11/80-09/11/80	0	2	
CHCH0142	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/16/81-11/16/81	0	1	
CHCH0143	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/18/81-11/18/81	0	1	
CHCH0148	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/16/81-11/16/81	0	1	
CHCH0154	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/16/81-11/16/81	0	1	
CHCH0156	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/12/80-09/12/80	0	1	
CHCH0157	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/16/81-11/16/81	0	1	
CHCH0158	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/16/81-11/16/81	0	1	
CHCH0160	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/16/81-11/16/81	0	1	
CHCH0163	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/12/80-09/12/80	0	1	
CHCH0169	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/12/80-09/12/80	0	1	
CHCH0170	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/08/73-03/08/73	0	1	
CHCH0173	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/16/81-11/16/81	0	2	
CHCH0184	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/16/81-11/16/81	0	1	
CHCH0188	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/11/80-09/11/80	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0189	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0193	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/16/81-11/16/81	0	1	
CHCH0287	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/10/75-09/10/75	0	1	
CHCH0329	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/09/75-09/09/75	0	1	
CHCH0418	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/10/75-09/10/75	0	1	
CHCH0433	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/18/73-08/17/95	22	8	
CHCH0443	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/08/72-11/08/72	0	1	
CHCH0091	No	01069	NICKEL, TOTAL IN FISH OR ANIMALS-WET WEIGHT MG/KG	06/30/81-06/30/81	0	4	
CHCH0142	No	01069	NICKEL, TOTAL IN FISH OR ANIMALS-WET WEIGHT MG/KG	06/30/81-06/30/81	0	1	
CHCH0164	No	01069	NICKEL, TOTAL IN FISH OR ANIMALS-WET WEIGHT MG/KG	06/30/81-06/30/81	0	3	
CHCH0187	No	01069	NICKEL, TOTAL IN FISH OR ANIMALS-WET WEIGHT MG/KG	06/30/81-06/30/81	0	2	
CHCH0313	No	01069	NICKEL, TOTAL IN FISH OR ANIMALS-WET WEIGHT MG/KG	10/24/86-12/09/90	4	3	
CHCH0273	No	01070	PHOSPHORUS, TOTAL, SPECTROGRAPH METH (UG/L AS P)	10/01/62-04/01/67	4	13	
CHCH0313	No	01073	THALLIUM,TISSUE,WET WEIGHT,MG/KG	10/24/86-12/09/90	4	3	
CHCH0065	No	01075	SILVER, DISSOLVED (UG/L AS AG)	09/23/91-09/23/91	0	1	
CHCH0273	No	01075	SILVER, DISSOLVED (UG/L AS AG)	10/01/62-04/01/67	4	13	
CHCH0012	No	01077	SILVER, TOTAL (UG/L AS AG)	02/12/86-08/13/98	12	15	
CHCH0021	No	01077	SILVER, TOTAL (UG/L AS AG)	09/01/81-09/01/81	0	1	
CHCH0055	No	01077	SILVER, TOTAL (UG/L AS AG)	10/16/73-07/02/91	17	5	
CHCH0061	No	01077	SILVER, TOTAL (UG/L AS AG)	09/10/80-09/10/80	0	1	
CHCH0065	No	01077	SILVER, TOTAL (UG/L AS AG)	09/23/91-09/23/91	0	1	
CHCH0085	No	01077	SILVER, TOTAL (UG/L AS AG)	09/10/80-09/10/80	0	1	
CHCH0090	No	01077	SILVER, TOTAL (UG/L AS AG)	09/10/80-09/10/80	0	1	
CHCH0107	No	01077	SILVER, TOTAL (UG/L AS AG)	09/10/80-09/10/80	0	1	
CHCH0111	No	01077	SILVER, TOTAL (UG/L AS AG)	09/10/80-09/10/80	0	1	
CHCH0122	No	01077	SILVER, TOTAL (UG/L AS AG)	09/10/80-09/10/80	0	1	
CHCH0137	No	01077	SILVER, TOTAL (UG/L AS AG)	09/10/80-09/10/80	0	2	
CHCH0151	No	01077	SILVER, TOTAL (UG/L AS AG)	11/10/80-11/10/80	0	1	
CHCH0156	No	01077	SILVER, TOTAL (UG/L AS AG)	09/10/80-09/10/80	0	1	
CHCH0159	No	01077	SILVER, TOTAL (UG/L AS AG)	08/21/92-04/15/93	0	3	
CHCH0163	No	01077	SILVER, TOTAL (UG/L AS AG)	09/10/80-09/10/80	0	1	
CHCH0169	No	01077	SILVER, TOTAL (UG/L AS AG)	01/24/73-09/10/80	7	14	
CHCH0178	No	01077	SILVER, TOTAL (UG/L AS AG)	01/24/73-12/05/73	0	13	
CHCH0188	No	01077	SILVER, TOTAL (UG/L AS AG)	09/10/80-09/10/80	0	1	
CHCH0189	No	01077	SILVER, TOTAL (UG/L AS AG)	09/10/80-09/10/80	0	1	
CHCH0226	No	01077	SILVER, TOTAL (UG/L AS AG)	01/23/73-12/05/73	0	24	
CHCH0241	No	01077	SILVER, TOTAL (UG/L AS AG)	06/26/80-06/26/80	0	1	
CHCH0242	No	01077	SILVER, TOTAL (UG/L AS AG)	06/26/80-06/26/80	0	1	
CHCH0245	No	01077	SILVER, TOTAL (UG/L AS AG)	08/27/92-03/31/93	0	3	
CHCH0251	No	01077	SILVER, TOTAL (UG/L AS AG)	01/23/73-12/04/73	0	13	
CHCH0252	No	01077	SILVER, TOTAL (UG/L AS AG)	02/26/73-02/26/73	0	1	
CHCH0276	No	01077	SILVER, TOTAL (UG/L AS AG)	06/30/92-04/05/93	0	3	
CHCH0286	No	01077	SILVER, TOTAL (UG/L AS AG)	01/23/73-12/04/73	0	66	
CHCH0287	No	01077	SILVER, TOTAL (UG/L AS AG)	06/01/74-01/01/85	10	113	
CHCH0310	No	01077	SILVER, TOTAL (UG/L AS AG)	01/23/73-12/05/73	0	24	
CHCH0326	No	01077	SILVER, TOTAL (UG/L AS AG)	06/03/92-03/02/93	0	3	
CHCH0342	No	01077	SILVER, TOTAL (UG/L AS AG)	01/24/73-12/04/73	0	14	
CHCH0347	No	01077	SILVER, TOTAL (UG/L AS AG)	01/23/73-12/05/73	0	13	
CHCH0409	No	01077	SILVER, TOTAL (UG/L AS AG)	01/23/73-11/29/77	4	27	
CHCH0413	No	01077	SILVER, TOTAL (UG/L AS AG)	01/23/73-12/04/73	0	24	
CHCH0416	No	01077	SILVER, TOTAL (UG/L AS AG)	11/13/74-11/29/77	3	13	
CHCH0433	No	01077	SILVER, TOTAL (UG/L AS AG)	01/23/73-12/04/73	0	35	
CHCH0445	No	01077	SILVER, TOTAL (UG/L AS AG)	01/23/73-12/05/73	0	46	
CHCH0452	No	01077	SILVER, TOTAL (UG/L AS AG)	08/19/81-08/19/81	0	1	
CHCH0459	No	01077	SILVER, TOTAL (UG/L AS AG)	07/31/92-03/12/93	0	3	
CHCH0055	No	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	07/02/91-07/02/91	0	1	
CHCH0061	No	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0085	No	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0090	No	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0107	No	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0111	No	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0122	No	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0137	No	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	09/11/80-09/11/80	0	2	
CHCH0156	No	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	09/12/80-09/12/80	0	1	
CHCH0163	No	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	09/12/80-09/12/80	0	1	
CHCH0169	No	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	09/12/80-09/12/80	0	1	
CHCH0188	No	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0189	No	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0433	No	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	06/18/73-06/08/82	8	2	
CHCH0443	No	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	11/08/72-11/08/72	0	1	
CHCH0007	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/31/76-08/31/76	0	1	
CHCH0273	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	10/01/62-04/01/67	4	13	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0012	No	01082	STRONTIUM, TOTAL (UG/L AS SR)	02/12/86-08/15/96	10	14	
CHCH0241	No	01082	STRONTIUM, TOTAL (UG/L AS SR)	06/26/80-06/26/80	0	1	
CHCH0242	No	01082	STRONTIUM, TOTAL (UG/L AS SR)	06/26/80-06/26/80	0	1	
CHCH0409	No	01082	STRONTIUM, TOTAL (UG/L AS SR)	07/30/73-07/30/73	0	1	
CHCH0433	No	01083	STRONTIUM IN BOTTOM DEPOSITS(MG/KG AS SR DRY WGT)	06/18/73-06/18/73	0	1	
CHCH0443	No	01083	STRONTIUM IN BOTTOM DEPOSITS(MG/KG AS SR DRY WGT)	11/08/72-11/08/72	0	1	
CHCH0001	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	10/03/77-10/03/77	0	1	
CHCH0003	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	09/27/77-09/27/77	0	1	
CHCH0022	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	09/28/77-09/28/77	0	1	
CHCH0035	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	10/07/77-10/07/77	0	1	
CHCH0039	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	09/27/77-09/27/77	0	1	
CHCH0052	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	09/24/77-09/24/77	0	1	
CHCH0112	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	10/02/78-10/02/78	0	1	
CHCH0141	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	09/21/78-09/21/78	0	1	
CHCH0161	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	09/19/78-09/19/78	0	1	
CHCH0203	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	09/19/78-09/19/78	0	1	
CHCH0215	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	08/24/78-08/24/78	0	1	
CHCH0244	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	10/02/78-10/02/78	0	1	
CHCH0273	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	10/01/62-04/01/67	4	13	
CHCH0277	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	08/24/78-08/24/78	0	1	
CHCH0402	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	08/24/78-08/24/78	0	1	
CHCH0439	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	09/19/78-09/19/78	0	1	
CHCH0451	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	08/25/78-08/25/78	0	1	
CHCH0462	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	09/20/78-09/20/78	0	1	
CHCH0463	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	08/24/78-08/24/78	0	1	
CHCH0012	No	01087	VANADIUM, TOTAL (UG/L AS V)	02/12/86-08/13/98	12	15	
CHCH0055	No	01087	VANADIUM, TOTAL (UG/L AS V)	07/02/91-07/02/91	0	1	
CHCH0241	No	01087	VANADIUM, TOTAL (UG/L AS V)	06/26/80-06/26/80	0	1	
CHCH0242	No	01087	VANADIUM, TOTAL (UG/L AS V)	06/26/80-06/26/80	0	1	
CHCH0055	No	01088	VANADIUM IN BOTTOM DEPOSITS (MG/KG AS V DRY WGT)	07/02/91-07/02/91	0	1	
CHCH0433	No	01088	VANADIUM IN BOTTOM DEPOSITS (MG/KG AS V DRY WGT)	06/18/73-06/18/73	0	1	
CHCH0006	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	09/07/76-04/21/77	0	2	
CHCH0007	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/31/76-08/31/76	0	1	
CHCH0021	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/26/76-04/21/77	0	2	
CHCH0032	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	06/25/74-06/25/74	0	1	
CHCH0037	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/26/76-04/28/77	0	2	
CHCH0047	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/26/76-04/22/77	0	2	
CHCH0059	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	06/26/74-06/26/74	0	1	
CHCH0065	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	09/23/91-09/23/91	0	1	
CHCH0272	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	10/12/70-10/12/70	0	1	
CHCH0273	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	10/01/62-04/01/67	4	13	
CHCH0442	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	10/12/70-10/12/70	0	1	
CHCH0008	No	01092	ZINC, TOTAL (UG/L AS ZN)	08/03/79-05/22/80	0	2	
CHCH0010	No	01092	ZINC, TOTAL (UG/L AS ZN)	08/01/79-05/21/80	0	2	
CHCH0012	No	01092	ZINC, TOTAL (UG/L AS ZN)	02/12/86-08/13/98	12	15	
CHCH0017	No	01092	ZINC, TOTAL (UG/L AS ZN)	08/01/79-05/22/80	0	2	
CHCH0021	No	01092	ZINC, TOTAL (UG/L AS ZN)	08/01/79-09/01/81	2	3	
CHCH0037	No	01092	ZINC, TOTAL (UG/L AS ZN)	08/01/79-05/21/80	0	2	
CHCH0047	No	01092	ZINC, TOTAL (UG/L AS ZN)	08/01/79-05/21/80	0	2	
CHCH0055	No	01092	ZINC, TOTAL (UG/L AS ZN)	10/16/73-07/02/91	17	9	
CHCH0059	No	01092	ZINC, TOTAL (UG/L AS ZN)	08/01/79-05/21/80	0	2	
CHCH0061	No	01092	ZINC, TOTAL (UG/L AS ZN)	09/10/80-09/10/80	0	1	
CHCH0062	No	01092	ZINC, TOTAL (UG/L AS ZN)	02/27/73-03/07/73	0	7	
CHCH0065	No	01092	ZINC, TOTAL (UG/L AS ZN)	09/23/91-09/23/91	0	1	
CHCH0069	No	01092	ZINC, TOTAL (UG/L AS ZN)	03/06/73-03/06/73	0	1	
CHCH0073	No	01092	ZINC, TOTAL (UG/L AS ZN)	03/06/73-03/06/73	0	1	
CHCH0074	No	01092	ZINC, TOTAL (UG/L AS ZN)	03/06/73-03/07/73	0	2	
CHCH0077	No	01092	ZINC, TOTAL (UG/L AS ZN)	10/06/82-10/06/82	0	1	
CHCH0082	No	01092	ZINC, TOTAL (UG/L AS ZN)	07/14/82-07/15/82	0	2	
CHCH0085	No	01092	ZINC, TOTAL (UG/L AS ZN)	09/10/80-09/10/80	0	1	
CHCH0090	No	01092	ZINC, TOTAL (UG/L AS ZN)	09/10/80-09/10/80	0	1	
CHCH0092	No	01092	ZINC, TOTAL (UG/L AS ZN)	07/14/82-07/15/82	0	2	
CHCH0102	No	01092	ZINC, TOTAL (UG/L AS ZN)	02/27/73-03/07/73	0	7	
CHCH0104	No	01092	ZINC, TOTAL (UG/L AS ZN)	07/14/82-07/15/82	0	2	
CHCH0105	No	01092	ZINC, TOTAL (UG/L AS ZN)	01/27/69-12/03/69	0	11	
CHCH0107	No	01092	ZINC, TOTAL (UG/L AS ZN)	09/10/80-09/10/80	0	1	
CHCH0111	No	01092	ZINC, TOTAL (UG/L AS ZN)	09/10/80-09/10/80	0	1	
CHCH0113	No	01092	ZINC, TOTAL (UG/L AS ZN)	03/02/73-03/02/73	0	1	
CHCH0121	No	01092	ZINC, TOTAL (UG/L AS ZN)	07/14/82-07/15/82	0	2	
CHCH0122	No	01092	ZINC, TOTAL (UG/L AS ZN)	09/10/80-09/10/80	0	1	
CHCH0123	No	01092	ZINC, TOTAL (UG/L AS ZN)	02/27/73-03/01/73	0	3	
CHCH0125	No	01092	ZINC, TOTAL (UG/L AS ZN)	07/14/82-07/15/82	0	2	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0127	No	01092	ZINC, TOTAL (UG/L AS ZN)	07/14/82-07/15/82	0	2	
CHCH0136	No	01092	ZINC, TOTAL (UG/L AS ZN)	07/14/82-07/15/82	0	2	
CHCH0137	No	01092	ZINC, TOTAL (UG/L AS ZN)	09/10/80-09/10/80	0	2	
CHCH0142	No	01092	ZINC, TOTAL (UG/L AS ZN)	07/14/82-07/15/82	0	2	
CHCH0147	No	01092	ZINC, TOTAL (UG/L AS ZN)	07/10/95-02/23/98	2	6	
CHCH0151	No	01092	ZINC, TOTAL (UG/L AS ZN)	11/10/80-11/10/80	0	1	
CHCH0156	No	01092	ZINC, TOTAL (UG/L AS ZN)	09/10/80-09/10/80	0	1	
CHCH0157	No	01092	ZINC, TOTAL (UG/L AS ZN)	07/14/82-07/15/82	0	2	
CHCH0158	No	01092	ZINC, TOTAL (UG/L AS ZN)	07/14/82-07/15/82	0	2	
CHCH0159	No	01092	ZINC, TOTAL (UG/L AS ZN)	08/21/92-04/15/93	0	3	
CHCH0160	No	01092	ZINC, TOTAL (UG/L AS ZN)	07/14/82-07/15/82	0	2	
CHCH0163	No	01092	ZINC, TOTAL (UG/L AS ZN)	09/10/80-09/10/80	0	1	
CHCH0164	No	01092	ZINC, TOTAL (UG/L AS ZN)	07/14/82-07/15/82	0	2	
CHCH0168	No	01092	ZINC, TOTAL (UG/L AS ZN)	02/27/73-03/01/73	0	3	
CHCH0169	No	01092	ZINC, TOTAL (UG/L AS ZN)	01/27/69-09/10/80	11	24	
CHCH0170	No	01092	ZINC, TOTAL (UG/L AS ZN)	02/27/73-03/07/73	0	7	
CHCH0177	No	01092	ZINC, TOTAL (UG/L AS ZN)	02/22/83-12/15/98	15	164	
CHCH0178	No	01092	ZINC, TOTAL (UG/L AS ZN)	01/24/73-12/05/73	0	13	
CHCH0184	No	01092	ZINC, TOTAL (UG/L AS ZN)	07/14/82-07/15/82	0	2	
CHCH0188	No	01092	ZINC, TOTAL (UG/L AS ZN)	09/10/80-09/10/80	0	1	
CHCH0189	No	01092	ZINC, TOTAL (UG/L AS ZN)	09/10/80-09/10/80	0	1	
CHCH0190	No	01092	ZINC, TOTAL (UG/L AS ZN)	09/07/67-09/07/67	0	1	
CHCH0191	No	01092	ZINC, TOTAL (UG/L AS ZN)	09/07/67-09/07/67	0	2	
CHCH0199	No	01092	ZINC, TOTAL (UG/L AS ZN)	05/24/73-05/24/73	0	1	
CHCH0200	No	01092	ZINC, TOTAL (UG/L AS ZN)	05/24/73-05/24/73	0	1	
CHCH0201	No	01092	ZINC, TOTAL (UG/L AS ZN)	05/24/73-05/24/73	0	1	
CHCH0211	No	01092	ZINC, TOTAL (UG/L AS ZN)	03/07/73-03/08/73	0	2	
CHCH0214	No	01092	ZINC, TOTAL (UG/L AS ZN)	03/07/73-03/08/73	0	2	
CHCH0217	No	01092	ZINC, TOTAL (UG/L AS ZN)	02/27/73-02/28/73	0	2	
CHCH0222	No	01092	ZINC, TOTAL (UG/L AS ZN)	06/19/72-06/23/72	0	5	
CHCH0223	No	01092	ZINC, TOTAL (UG/L AS ZN)	03/07/73-03/08/73	0	2	
CHCH0226	No	01092	ZINC, TOTAL (UG/L AS ZN)	01/23/73-12/05/73	0	24	
CHCH0228	No	01092	ZINC, TOTAL (UG/L AS ZN)	03/07/73-03/08/73	0	2	
CHCH0235	No	01092	ZINC, TOTAL (UG/L AS ZN)	06/23/72-06/24/72	0	2	
CHCH0237	No	01092	ZINC, TOTAL (UG/L AS ZN)	09/07/67-09/07/67	0	1	
CHCH0241	No	01092	ZINC, TOTAL (UG/L AS ZN)	06/26/80-06/26/80	0	1	
CHCH0242	No	01092	ZINC, TOTAL (UG/L AS ZN)	06/26/80-06/26/80	0	1	
CHCH0245	No	01092	ZINC, TOTAL (UG/L AS ZN)	08/27/92-03/31/93	0	3	
CHCH0249	No	01092	ZINC, TOTAL (UG/L AS ZN)	06/23/72-06/23/72	0	1	
CHCH0250	No	01092	ZINC, TOTAL (UG/L AS ZN)	02/27/73-03/06/73	0	5	
CHCH0251	No	01092	ZINC, TOTAL (UG/L AS ZN)	01/23/73-12/04/73	0	13	
CHCH0252	No	01092	ZINC, TOTAL (UG/L AS ZN)	02/26/73-02/26/73	0	1	
CHCH0254	No	01092	ZINC, TOTAL (UG/L AS ZN)	06/19/72-06/23/72	0	5	
CHCH0259	No	01092	ZINC, TOTAL (UG/L AS ZN)	03/07/73-03/07/73	0	1	
CHCH0261	No	01092	ZINC, TOTAL (UG/L AS ZN)	06/23/72-06/24/72	0	2	
CHCH0263	No	01092	ZINC, TOTAL (UG/L AS ZN)	06/23/72-06/24/72	0	2	
CHCH0266	No	01092	ZINC, TOTAL (UG/L AS ZN)	11/28/72-01/03/73	0	45	
CHCH0267	No	01092	ZINC, TOTAL (UG/L AS ZN)	11/28/72-01/03/73	0	45	
CHCH0276	No	01092	ZINC, TOTAL (UG/L AS ZN)	06/30/92-04/05/93	0	3	
CHCH0280	No	01092	ZINC, TOTAL (UG/L AS ZN)	07/02/74-09/26/74	0	33	
CHCH0284	No	01092	ZINC, TOTAL (UG/L AS ZN)	07/02/74-09/26/74	0	30	
CHCH0286	No	01092	ZINC, TOTAL (UG/L AS ZN)	05/04/71-12/04/73	2	75	
CHCH0287	No	01092	ZINC, TOTAL (UG/L AS ZN)	08/01/72-01/01/85	12	125	
CHCH0289	No	01092	ZINC, TOTAL (UG/L AS ZN)	07/02/74-09/26/74	0	33	
CHCH0292	No	01092	ZINC, TOTAL (UG/L AS ZN)	06/20/72-06/24/72	0	5	
CHCH0293	No	01092	ZINC, TOTAL (UG/L AS ZN)	06/23/72-06/24/72	0	2	
CHCH0299	No	01092	ZINC, TOTAL (UG/L AS ZN)	04/21/82-12/15/98	16	159	
CHCH0300	No	01092	ZINC, TOTAL (UG/L AS ZN)	06/21/72-06/24/72	0	4	
CHCH0303	No	01092	ZINC, TOTAL (UG/L AS ZN)	03/06/73-03/08/73	0	3	
CHCH0304	No	01092	ZINC, TOTAL (UG/L AS ZN)	03/06/73-03/08/73	0	3	
CHCH0305	No	01092	ZINC, TOTAL (UG/L AS ZN)	03/06/73-03/08/73	0	4	
CHCH0306	No	01092	ZINC, TOTAL (UG/L AS ZN)	03/06/73-03/08/73	0	3	
CHCH0308	No	01092	ZINC, TOTAL (UG/L AS ZN)	09/07/67-09/07/67	0	1	
CHCH0310	No	01092	ZINC, TOTAL (UG/L AS ZN)	09/07/67-12/05/73	6	25	
CHCH0311	No	01092	ZINC, TOTAL (UG/L AS ZN)	06/23/72-06/24/72	0	2	
CHCH0312	No	01092	ZINC, TOTAL (UG/L AS ZN)	06/20/72-06/24/72	0	5	
CHCH0322	No	01092	ZINC, TOTAL (UG/L AS ZN)	06/24/72-06/24/72	0	1	
CHCH0326	No	01092	ZINC, TOTAL (UG/L AS ZN)	06/03/92-03/02/93	0	3	
CHCH0329	No	01092	ZINC, TOTAL (UG/L AS ZN)	08/01/72-04/18/77	4	10	
CHCH0330	No	01092	ZINC, TOTAL (UG/L AS ZN)	06/19/72-06/22/72	0	4	
CHCH0331	No	01092	ZINC, TOTAL (UG/L AS ZN)	06/24/72-06/24/72	0	1	
CHCH0342	No	01092	ZINC, TOTAL (UG/L AS ZN)	09/06/67-12/04/73	6	15	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0343	No	01092	ZINC, TOTAL (UG/L AS ZN)	06/20/72-06/24/72	0	5	
CHCH0346	No	01092	ZINC, TOTAL (UG/L AS ZN)	06/23/72-06/23/72	0	1	
CHCH0347	No	01092	ZINC, TOTAL (UG/L AS ZN)	01/23/73-12/05/73	0	13	
CHCH0354	No	01092	ZINC, TOTAL (UG/L AS ZN)	04/21/82-04/07/98	15	53	
CHCH0358	No	01092	ZINC, TOTAL (UG/L AS ZN)	06/23/72-06/24/72	0	2	
CHCH0362	No	01092	ZINC, TOTAL (UG/L AS ZN)	06/19/72-06/23/72	0	4	
CHCH0363	No	01092	ZINC, TOTAL (UG/L AS ZN)	06/24/72-06/24/72	0	1	
CHCH0365	No	01092	ZINC, TOTAL (UG/L AS ZN)	06/20/72-06/24/72	0	5	
CHCH0366	No	01092	ZINC, TOTAL (UG/L AS ZN)	06/20/72-06/24/72	0	5	
CHCH0367	No	01092	ZINC, TOTAL (UG/L AS ZN)	06/24/72-06/24/72	0	1	
CHCH0368	No	01092	ZINC, TOTAL (UG/L AS ZN)	06/19/72-06/23/72	0	5	
CHCH0369	No	01092	ZINC, TOTAL (UG/L AS ZN)	06/20/72-06/24/72	0	5	
CHCH0371	No	01092	ZINC, TOTAL (UG/L AS ZN)	09/07/67-09/07/67	0	1	
CHCH0378	No	01092	ZINC, TOTAL (UG/L AS ZN)	06/20/72-06/24/72	0	5	
CHCH0379	No	01092	ZINC, TOTAL (UG/L AS ZN)	06/19/72-06/22/72	0	4	
CHCH0380	No	01092	ZINC, TOTAL (UG/L AS ZN)	06/20/72-06/23/72	0	4	
CHCH0383	No	01092	ZINC, TOTAL (UG/L AS ZN)	07/02/74-09/26/74	0	33	
CHCH0385	No	01092	ZINC, TOTAL (UG/L AS ZN)	07/02/74-09/26/74	0	34	
CHCH0389	No	01092	ZINC, TOTAL (UG/L AS ZN)	07/02/74-09/26/74	0	34	
CHCH0390	No	01092	ZINC, TOTAL (UG/L AS ZN)	03/08/73-03/08/73	0	1	
CHCH0392	No	01092	ZINC, TOTAL (UG/L AS ZN)	09/07/67-09/07/67	0	1	
CHCH0407	No	01092	ZINC, TOTAL (UG/L AS ZN)	07/02/74-09/26/74	0	36	
CHCH0409	No	01092	ZINC, TOTAL (UG/L AS ZN)	01/23/73-06/19/80	7	64	
CHCH0413	No	01092	ZINC, TOTAL (UG/L AS ZN)	01/23/73-12/04/73	0	24	
CHCH0416	No	01092	ZINC, TOTAL (UG/L AS ZN)	10/01/74-04/17/80	5	102	
CHCH0417	No	01092	ZINC, TOTAL (UG/L AS ZN)	07/02/74-09/26/74	0	36	
CHCH0418	No	01092	ZINC, TOTAL (UG/L AS ZN)	08/01/72-02/11/75	2	6	
CHCH0421	No	01092	ZINC, TOTAL (UG/L AS ZN)	07/02/74-09/26/74	0	34	
CHCH0429	No	01092	ZINC, TOTAL (UG/L AS ZN)	06/19/72-06/23/72	0	4	
CHCH0433	No	01092	ZINC, TOTAL (UG/L AS ZN)	01/23/73-10/18/88	15	39	
CHCH0443	No	01092	ZINC, TOTAL (UG/L AS ZN)	05/03/71-08/11/92	21	16	
CHCH0445	No	01092	ZINC, TOTAL (UG/L AS ZN)	01/23/73-12/05/73	0	46	
CHCH0448	No	01092	ZINC, TOTAL (UG/L AS ZN)	09/07/67-09/07/67	0	1	
CHCH0452	No	01092	ZINC, TOTAL (UG/L AS ZN)	08/19/81-08/19/81	0	1	
CHCH0459	No	01092	ZINC, TOTAL (UG/L AS ZN)	07/31/92-03/12/93	0	3	
CHCH0008	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	09/02/81-09/02/81	0	1	
CHCH0010	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	04/18/79-05/21/80	1	2	
CHCH0017	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	09/01/81-09/01/81	0	1	
CHCH0021	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	04/18/79-09/01/81	2	2	
CHCH0037	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	05/10/79-05/10/79	0	1	
CHCH0047	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	04/18/79-05/21/80	1	2	
CHCH0055	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	11/16/73-07/02/91	17	10	
CHCH0059	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	04/18/79-08/20/80	1	2	
CHCH0061	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0077	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	10/06/82-10/06/82	0	1	
CHCH0085	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0089	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	03/08/73-03/08/73	0	1	
CHCH0090	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0107	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0111	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0122	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0137	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	09/11/80-09/11/80	0	2	
CHCH0156	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	09/12/80-09/12/80	0	1	
CHCH0163	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	09/12/80-09/12/80	0	1	
CHCH0169	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	09/12/80-09/12/80	0	1	
CHCH0170	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	03/08/73-03/08/73	0	1	
CHCH0188	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0189	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0287	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	09/10/75-09/10/75	0	1	
CHCH0329	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	09/09/75-09/09/75	0	1	
CHCH0418	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	09/10/75-09/10/75	0	1	
CHCH0433	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/18/73-08/17/95	22	8	
CHCH0443	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	11/08/72-11/08/72	0	1	
CHCH0452	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	09/05/79-07/15/80	0	2	
CHCH0065	No	01095	ANTIMONY, DISSOLVED (UG/L AS SB)	09/23/91-09/23/91	0	1	
CHCH0012	No	01097	ANTIMONY, TOTAL (UG/L AS SB)	02/12/86-08/13/98	12	15	
CHCH0055	No	01097	ANTIMONY, TOTAL (UG/L AS SB)	07/02/91-07/02/91	0	1	
CHCH0061	No	01097	ANTIMONY, TOTAL (UG/L AS SB)	09/10/80-09/10/80	0	1	
CHCH0065	No	01097	ANTIMONY, TOTAL (UG/L AS SB)	09/23/91-09/23/91	0	1	
CHCH0085	No	01097	ANTIMONY, TOTAL (UG/L AS SB)	09/10/80-09/10/80	0	1	
CHCH0090	No	01097	ANTIMONY, TOTAL (UG/L AS SB)	09/10/80-09/10/80	0	1	
CHCH0107	No	01097	ANTIMONY, TOTAL (UG/L AS SB)	09/10/80-09/10/80	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0111	No	01097	ANTIMONY, TOTAL (UG/L AS SB)	09/10/80-09/10/80	0	1	
CHCH0122	No	01097	ANTIMONY, TOTAL (UG/L AS SB)	09/10/80-09/10/80	0	1	
CHCH0137	No	01097	ANTIMONY, TOTAL (UG/L AS SB)	09/10/80-09/10/80	0	2	
CHCH0151	No	01097	ANTIMONY, TOTAL (UG/L AS SB)	11/10/80-11/10/80	0	1	
CHCH0156	No	01097	ANTIMONY, TOTAL (UG/L AS SB)	09/10/80-09/10/80	0	1	
CHCH0163	No	01097	ANTIMONY, TOTAL (UG/L AS SB)	09/10/80-09/10/80	0	1	
CHCH0169	No	01097	ANTIMONY, TOTAL (UG/L AS SB)	09/10/80-09/10/80	0	1	
CHCH0188	No	01097	ANTIMONY, TOTAL (UG/L AS SB)	09/10/80-09/10/80	0	1	
CHCH0189	No	01097	ANTIMONY, TOTAL (UG/L AS SB)	09/10/80-09/10/80	0	1	
CHCH0241	No	01097	ANTIMONY, TOTAL (UG/L AS SB)	06/26/80-06/26/80	0	1	
CHCH0242	No	01097	ANTIMONY, TOTAL (UG/L AS SB)	06/26/80-06/26/80	0	1	
CHCH0287	No	01097	ANTIMONY, TOTAL (UG/L AS SB)	03/12/73-06/01/80	7	70	
CHCH0329	No	01097	ANTIMONY, TOTAL (UG/L AS SB)	03/12/73-04/18/77	4	10	
CHCH0418	No	01097	ANTIMONY, TOTAL (UG/L AS SB)	03/12/73-02/11/75	1	5	
CHCH0055	No	01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	07/02/91-07/02/91	0	1	
CHCH0061	No	01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0085	No	01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0090	No	01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0107	No	01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0111	No	01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0122	No	01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0137	No	01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	09/11/80-09/11/80	0	2	
CHCH0156	No	01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	09/12/80-09/12/80	0	1	
CHCH0163	No	01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	09/12/80-09/12/80	0	1	
CHCH0169	No	01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	09/12/80-09/12/80	0	1	
CHCH0188	No	01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0189	No	01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0287	No	01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	09/10/75-09/10/75	0	1	
CHCH0329	No	01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	09/09/75-09/09/75	0	1	
CHCH0418	No	01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	09/10/75-09/10/75	0	1	
CHCH0433	No	01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	06/18/73-06/18/73	0	1	
CHCH0443	No	01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	11/08/72-11/08/72	0	1	
CHCH0313	No	01099	ANTIMONY,TISSUE,WET WEIGHT,MG/KG	10/24/86-12/09/90	4	3	
CHCH0012	No	01102	TIN, TOTAL (UG/L AS SN)	02/12/86-08/13/98	12	15	
CHCH0055	No	01102	TIN, TOTAL (UG/L AS SN)	07/02/91-07/02/91	0	1	
CHCH0151	No	01102	TIN, TOTAL (UG/L AS SN)	11/10/80-11/10/80	0	1	
CHCH0241	No	01102	TIN, TOTAL (UG/L AS SN)	06/26/80-06/26/80	0	1	
CHCH0242	No	01102	TIN, TOTAL (UG/L AS SN)	06/26/80-06/26/80	0	1	
CHCH0055	No	01103	TIN IN BOTTOM DEPOSITS (MG/KG AS SN DRY WGT)	07/02/91-07/02/91	0	1	
CHCH0433	No	01103	TIN IN BOTTOM DEPOSITS (MG/KG AS SN DRY WGT)	06/18/73-06/18/73	0	1	
CHCH0443	No	01103	TIN IN BOTTOM DEPOSITS (MG/KG AS SN DRY WGT)	11/08/72-11/08/72	0	1	
CHCH0008	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	08/03/79-05/22/80	0	2	
CHCH0010	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	08/01/79-05/21/80	0	2	
CHCH0012	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	02/12/86-08/15/96	10	14	
CHCH0017	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	08/01/79-05/22/80	0	2	
CHCH0021	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	08/01/79-05/22/80	0	2	
CHCH0037	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	08/01/79-05/21/80	0	2	
CHCH0047	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	08/01/79-05/21/80	0	2	
CHCH0055	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	07/02/91-07/02/91	0	1	
CHCH0059	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	07/16/73-05/21/80	6	4	
CHCH0082	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	07/14/82-07/15/82	0	2	
CHCH0092	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	07/14/82-07/15/82	0	2	
CHCH0104	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	07/14/82-07/15/82	0	2	
CHCH0121	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	07/14/82-07/15/82	0	2	
CHCH0125	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	07/14/82-07/15/82	0	2	
CHCH0127	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	07/14/82-07/15/82	0	2	
CHCH0136	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	07/14/82-07/15/82	0	2	
CHCH0142	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	07/14/82-07/15/82	0	2	
CHCH0149	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	05/25/65-05/25/65	0	1	
CHCH0151	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	11/10/80-11/10/80	0	1	
CHCH0157	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	07/14/82-07/15/82	0	2	
CHCH0158	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	07/14/82-07/15/82	0	2	
CHCH0160	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	07/14/82-07/15/82	0	2	
CHCH0164	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	07/14/82-07/15/82	0	2	
CHCH0169	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	01/24/73-12/04/73	0	13	
CHCH0178	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	01/24/73-12/05/73	0	13	
CHCH0184	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	07/14/82-07/15/82	0	2	
CHCH0222	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	06/19/72-06/19/72	0	1	
CHCH0226	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	01/23/73-12/05/73	0	24	
CHCH0241	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	06/26/80-06/26/80	0	1	
CHCH0242	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	06/26/80-06/26/80	0	1	
CHCH0251	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	01/23/73-12/04/73	0	13	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0252	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	02/26/73-02/26/73	0	1	
CHCH0273	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	04/01/63-04/01/67	4	12	
CHCH0286	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	01/23/73-12/04/73	0	66	
CHCH0287	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	06/01/74-01/01/85	10	112	
CHCH0310	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	01/23/73-12/05/73	0	24	
CHCH0311	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	06/23/72-06/23/72	0	1	
CHCH0329	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	03/12/73-03/12/73	0	1	
CHCH0342	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	01/24/73-12/04/73	0	14	
CHCH0347	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	01/23/73-12/05/73	0	13	
CHCH0409	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	01/23/73-09/30/74	1	29	
CHCH0413	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	01/23/73-12/04/73	0	24	
CHCH0416	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	10/01/74-02/15/79	4	94	
CHCH0433	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	01/23/73-10/18/88	15	39	
CHCH0443	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	05/31/89-08/11/92	3	5	
CHCH0445	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	01/23/73-12/05/73	0	46	
CHCH0001	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/03/77-10/03/77	0	1	
CHCH0003	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/27/77-09/27/77	0	1	
CHCH0006	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/07/76-04/21/77	0	2	
CHCH0007	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/31/76-08/31/76	0	1	
CHCH0021	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/26/76-04/21/77	0	2	
CHCH0022	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/28/77-09/28/77	0	1	
CHCH0032	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	06/25/74-06/25/74	0	1	
CHCH0035	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/07/77-10/07/77	0	1	
CHCH0037	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/26/76-04/28/77	0	2	
CHCH0039	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/27/77-09/27/77	0	1	
CHCH0047	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/26/76-04/22/77	0	2	
CHCH0052	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/24/77-09/24/77	0	1	
CHCH0059	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	06/26/74-06/26/74	0	1	
CHCH0112	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/02/78-10/02/78	0	1	
CHCH0141	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/21/78-09/21/78	0	1	
CHCH0149	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	05/25/65-05/25/65	0	1	
CHCH0161	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/19/78-09/19/78	0	1	
CHCH0203	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/19/78-09/19/78	0	1	
CHCH0215	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/24/78-08/24/78	0	1	
CHCH0244	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/02/78-10/02/78	0	1	
CHCH0277	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/24/78-08/24/78	0	1	
CHCH0402	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/24/78-08/24/78	0	1	
CHCH0439	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/19/78-09/19/78	0	1	
CHCH0451	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/25/78-08/25/78	0	1	
CHCH0462	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/20/78-09/20/78	0	1	
CHCH0463	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/24/78-08/24/78	0	1	
CHCH0010	No	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	04/18/79-05/21/80	1	2	
CHCH0021	No	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	04/18/79-04/18/79	0	1	
CHCH0047	No	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	05/21/80-05/21/80	0	1	
CHCH0055	No	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	07/02/91-07/02/91	0	1	
CHCH0059	No	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	04/18/79-08/20/80	1	2	
CHCH0433	No	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	06/18/73-08/17/95	22	7	
CHCH0443	No	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	11/08/72-11/08/72	0	1	
CHCH0409	No	01132	LITHIUM, TOTAL (UG/L AS LI)	07/30/73-08/14/74	1	4	
CHCH0416	No	01132	LITHIUM, TOTAL (UG/L AS LI)	02/05/75-11/29/77	2	12	
CHCH0433	No	01133	LITHIUM IN BOTTOM DEPOSITS (MG/KG AS LI DRY WGT)	06/18/73-06/18/73	0	1	
CHCH0032	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	06/25/74-06/25/74	0	1	
CHCH0037	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	04/28/77-04/28/77	0	1	
CHCH0047	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	04/22/77-04/22/77	0	1	
CHCH0059	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	06/26/74-06/26/74	0	1	
CHCH0065	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	09/23/91-09/23/91	0	1	
CHCH0273	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/01/62-10/01/62	0	1	
CHCH0008	No	01147	SELENIUM, TOTAL (UG/L AS SE)	08/03/79-05/22/80	0	2	
CHCH0010	No	01147	SELENIUM, TOTAL (UG/L AS SE)	08/01/79-05/21/80	0	2	
CHCH0012	No	01147	SELENIUM, TOTAL (UG/L AS SE)	02/12/86-08/13/98	12	15	
CHCH0017	No	01147	SELENIUM, TOTAL (UG/L AS SE)	08/01/79-05/22/80	0	2	
CHCH0021	No	01147	SELENIUM, TOTAL (UG/L AS SE)	08/01/79-09/01/81	2	3	
CHCH0037	No	01147	SELENIUM, TOTAL (UG/L AS SE)	08/01/79-05/21/80	0	2	
CHCH0047	No	01147	SELENIUM, TOTAL (UG/L AS SE)	08/01/79-05/21/80	0	2	
CHCH0055	No	01147	SELENIUM, TOTAL (UG/L AS SE)	07/02/91-08/30/94	3	2	
CHCH0059	No	01147	SELENIUM, TOTAL (UG/L AS SE)	08/01/79-05/21/80	0	2	
CHCH0061	No	01147	SELENIUM, TOTAL (UG/L AS SE)	09/10/80-09/10/80	0	1	
CHCH0065	No	01147	SELENIUM, TOTAL (UG/L AS SE)	09/23/91-09/23/91	0	1	
CHCH0085	No	01147	SELENIUM, TOTAL (UG/L AS SE)	09/10/80-09/10/80	0	1	
CHCH0090	No	01147	SELENIUM, TOTAL (UG/L AS SE)	09/10/80-09/10/80	0	1	
CHCH0107	No	01147	SELENIUM, TOTAL (UG/L AS SE)	09/10/80-09/10/80	0	1	
CHCH0111	No	01147	SELENIUM, TOTAL (UG/L AS SE)	09/10/80-09/10/80	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0122	No	01147	SELENIUM, TOTAL (UG/L AS SE)	09/10/80-09/10/80	0	1	
CHCH0137	No	01147	SELENIUM, TOTAL (UG/L AS SE)	09/10/80-09/10/80	0	2	
CHCH0156	No	01147	SELENIUM, TOTAL (UG/L AS SE)	09/10/80-09/10/80	0	1	
CHCH0159	No	01147	SELENIUM, TOTAL (UG/L AS SE)	08/21/92-04/15/93	0	3	
CHCH0163	No	01147	SELENIUM, TOTAL (UG/L AS SE)	09/10/80-09/10/80	0	1	
CHCH0169	No	01147	SELENIUM, TOTAL (UG/L AS SE)	01/24/73-09/10/80	7	14	
CHCH0178	No	01147	SELENIUM, TOTAL (UG/L AS SE)	01/24/73-12/05/73	0	13	
CHCH0188	No	01147	SELENIUM, TOTAL (UG/L AS SE)	09/10/80-09/10/80	0	1	
CHCH0189	No	01147	SELENIUM, TOTAL (UG/L AS SE)	09/10/80-09/10/80	0	1	
CHCH0226	No	01147	SELENIUM, TOTAL (UG/L AS SE)	01/23/73-12/05/73	0	24	
CHCH0241	No	01147	SELENIUM, TOTAL (UG/L AS SE)	06/26/80-06/26/80	0	1	
CHCH0242	No	01147	SELENIUM, TOTAL (UG/L AS SE)	06/26/80-06/26/80	0	1	
CHCH0245	No	01147	SELENIUM, TOTAL (UG/L AS SE)	08/27/92-03/31/93	0	3	
CHCH0251	No	01147	SELENIUM, TOTAL (UG/L AS SE)	01/23/73-12/04/73	0	12	
CHCH0252	No	01147	SELENIUM, TOTAL (UG/L AS SE)	02/26/73-02/26/73	0	1	
CHCH0276	No	01147	SELENIUM, TOTAL (UG/L AS SE)	06/30/92-04/05/93	0	3	
CHCH0286	No	01147	SELENIUM, TOTAL (UG/L AS SE)	01/23/73-12/04/73	0	65	
CHCH0287	No	01147	SELENIUM, TOTAL (UG/L AS SE)	08/01/74-06/01/80	5	57	
CHCH0310	No	01147	SELENIUM, TOTAL (UG/L AS SE)	01/23/73-12/05/73	0	24	
CHCH0326	No	01147	SELENIUM, TOTAL (UG/L AS SE)	06/03/92-03/02/93	0	3	
CHCH0329	No	01147	SELENIUM, TOTAL (UG/L AS SE)	09/09/74-09/09/75	1	2	
CHCH0342	No	01147	SELENIUM, TOTAL (UG/L AS SE)	01/24/73-12/04/73	0	14	
CHCH0347	No	01147	SELENIUM, TOTAL (UG/L AS SE)	01/23/73-12/05/73	0	13	
CHCH0401	No	01147	SELENIUM, TOTAL (UG/L AS SE)	01/23/73-01/23/73	0	1	
CHCH0409	No	01147	SELENIUM, TOTAL (UG/L AS SE)	01/23/73-08/14/74	1	14	
CHCH0413	No	01147	SELENIUM, TOTAL (UG/L AS SE)	01/23/73-12/04/73	0	23	
CHCH0416	No	01147	SELENIUM, TOTAL (UG/L AS SE)	11/13/74-02/08/77	2	9	
CHCH0433	No	01147	SELENIUM, TOTAL (UG/L AS SE)	01/23/73-12/04/73	0	35	
CHCH0445	No	01147	SELENIUM, TOTAL (UG/L AS SE)	01/23/73-12/05/73	0	46	
CHCH0452	No	01147	SELENIUM, TOTAL (UG/L AS SE)	08/19/81-08/19/81	0	1	
CHCH0459	No	01147	SELENIUM, TOTAL (UG/L AS SE)	07/31/92-03/12/93	0	3	
CHCH0008	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	09/02/81-09/02/81	0	1	
CHCH0010	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	05/21/80-05/21/80	0	1	
CHCH0017	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	09/01/81-09/01/81	0	1	
CHCH0021	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	09/01/81-09/01/81	0	1	
CHCH0037	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	05/10/79-05/10/79	0	1	
CHCH0047	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	04/18/79-05/21/80	1	2	
CHCH0055	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	07/02/91-07/02/91	0	1	
CHCH0059	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	08/20/80-08/20/80	0	1	
CHCH0061	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0085	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0090	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0107	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0111	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0122	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0137	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	09/11/80-09/11/80	0	2	
CHCH0156	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	09/12/80-09/12/80	0	1	
CHCH0163	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	09/12/80-09/12/80	0	1	
CHCH0169	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	09/12/80-09/12/80	0	1	
CHCH0188	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0189	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0287	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	09/10/75-09/10/75	0	1	
CHCH0329	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	09/09/75-09/09/75	0	1	
CHCH0418	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	09/10/75-09/10/75	0	1	
CHCH0433	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	06/18/73-06/08/82	8	2	
CHCH0443	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	11/08/72-11/08/72	0	1	
CHCH0452	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	09/05/79-07/15/80	0	2	
CHCH0313	No	01149	SELENIUM, TOTAL IN FISH OR ANIMALS WET WGT MG/KG	10/24/86-12/09/90	4	3	
CHCH0431	No	01149	SELENIUM, TOTAL IN FISH OR ANIMALS WET WGT MG/KG	10/14/92-10/14/92	0	1	
CHCH0012	No	01152	TITANIUM, TOTAL (UG/L AS TI)	02/12/86-08/13/98	12	15	
CHCH0055	No	01152	TITANIUM, TOTAL (UG/L AS TI)	07/02/91-07/02/91	0	1	
CHCH0241	No	01152	TITANIUM, TOTAL (UG/L AS TI)	06/26/80-06/26/80	0	1	
CHCH0242	No	01152	TITANIUM, TOTAL (UG/L AS TI)	06/26/80-06/26/80	0	1	
CHCH0409	No	01152	TITANIUM, TOTAL (UG/L AS TI)	07/30/73-08/14/74	1	4	
CHCH0416	No	01152	TITANIUM, TOTAL (UG/L AS TI)	02/05/75-11/29/77	2	12	
CHCH0055	No	01153	TITANIUM IN BOTTOM DEPOSITS (MG/KG AS TI DRY WGT)	07/02/91-07/02/91	0	1	
CHCH0443	No	01153	TITANIUM IN BOTTOM DEPOSITS (MG/KG AS TI DRY WGT)	11/08/72-11/08/72	0	1	
CHCH0012	No	01162	ZIRCONIUM, TOTAL (UG/L AS ZR)	02/12/86-08/13/98	12	15	
CHCH0241	No	01162	ZIRCONIUM, TOTAL (UG/L AS ZR)	06/26/80-06/26/80	0	1	
CHCH0242	No	01162	ZIRCONIUM, TOTAL (UG/L AS ZR)	06/26/80-06/26/80	0	1	
CHCH0008	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	09/02/81-09/02/81	0	1	
CHCH0010	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	04/18/79-05/21/80	1	2	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0017	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	09/01/81-09/01/81	0	1	
CHCH0021	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	04/18/79-09/01/81	2	2	
CHCH0037	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	05/10/79-05/10/79	0	1	
CHCH0047	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	04/18/79-05/21/80	1	2	
CHCH0055	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	07/02/91-07/02/91	0	1	
CHCH0059	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	04/18/79-08/20/80	1	2	
CHCH0089	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	03/08/73-03/08/73	0	1	
CHCH0133	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	04/19/79-04/19/79	0	1	
CHCH0170	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	03/08/73-03/08/73	0	1	
CHCH0287	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	09/10/75-09/10/75	0	1	
CHCH0329	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	09/09/75-09/09/75	0	1	
CHCH0418	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	09/10/75-09/10/75	0	1	
CHCH0433	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	06/18/73-08/17/95	22	8	
CHCH0443	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	11/08/72-11/08/72	0	1	
CHCH0452	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	09/05/79-07/15/80	0	2	
CHCH0012	No	01203	YTTRIUM, TOTAL (UG/L AS Y)	02/12/86-08/13/98	12	15	
CHCH0241	No	01203	YTTRIUM, TOTAL (UG/L AS Y)	06/26/80-06/26/80	0	1	
CHCH0242	No	01203	YTTRIUM, TOTAL (UG/L AS Y)	06/26/80-06/26/80	0	1	
CHCH0348	No	01350	TURBIDITY (SEVERITY)	09/30/96-09/30/96	0	1	
CHCH0053	No	01501	ALPHA, TOTAL	01/28/69-12/01/69	0	12	
CHCH0076	No	01501	ALPHA, TOTAL	01/27/69-11/06/69	0	9	
CHCH0105	No	01501	ALPHA, TOTAL	08/13/69-10/09/69	0	2	
CHCH0126	No	01501	ALPHA, TOTAL	02/26/69-12/02/69	0	11	
CHCH0190	No	01501	ALPHA, TOTAL	09/07/67-09/07/67	0	1	
CHCH0191	No	01501	ALPHA, TOTAL	09/07/67-09/07/67	0	2	
CHCH0237	No	01501	ALPHA, TOTAL	09/07/67-09/07/67	0	1	
CHCH0273	No	01501	ALPHA, TOTAL	03/12/58-05/08/68	10	208	
CHCH0308	No	01501	ALPHA, TOTAL	09/07/67-09/07/67	0	1	
CHCH0310	No	01501	ALPHA, TOTAL	09/07/67-09/07/67	0	1	
CHCH0342	No	01501	ALPHA, TOTAL	02/26/69-12/02/69	0	11	
CHCH0392	No	01501	ALPHA, TOTAL	09/07/67-09/07/67	0	1	
CHCH0425	No	01501	ALPHA, TOTAL	09/07/67-09/07/67	0	1	
CHCH0448	No	01501	ALPHA, TOTAL	09/07/67-09/07/67	0	1	
CHCH0190	No	01502	ALPHA, TOTAL, COUNTING ERROR	09/07/67-09/07/67	0	1	
CHCH0191	No	01502	ALPHA, TOTAL, COUNTING ERROR	09/07/67-09/07/67	0	2	
CHCH0237	No	01502	ALPHA, TOTAL, COUNTING ERROR	09/07/67-09/07/67	0	1	
CHCH0273	No	01502	ALPHA, TOTAL, COUNTING ERROR	03/12/58-05/08/68	10	182	
CHCH0308	No	01502	ALPHA, TOTAL, COUNTING ERROR	09/07/67-09/07/67	0	1	
CHCH0310	No	01502	ALPHA, TOTAL, COUNTING ERROR	09/07/67-09/07/67	0	1	
CHCH0392	No	01502	ALPHA, TOTAL, COUNTING ERROR	09/07/67-09/07/67	0	1	
CHCH0425	No	01502	ALPHA, TOTAL, COUNTING ERROR	09/07/67-09/07/67	0	1	
CHCH0448	No	01502	ALPHA, TOTAL, COUNTING ERROR	09/07/67-09/07/67	0	1	
CHCH0053	No	01503	ALPHA, DISSOLVED	01/28/69-12/01/69	0	12	
CHCH0076	No	01503	ALPHA, DISSOLVED	01/27/69-11/06/69	0	9	
CHCH0105	No	01503	ALPHA, DISSOLVED	08/13/69-10/09/69	0	2	
CHCH0126	No	01503	ALPHA, DISSOLVED	02/26/69-12/02/69	0	11	
CHCH0190	No	01503	ALPHA, DISSOLVED	09/07/67-09/07/67	0	1	
CHCH0191	No	01503	ALPHA, DISSOLVED	09/07/67-09/07/67	0	2	
CHCH0237	No	01503	ALPHA, DISSOLVED	09/07/67-09/07/67	0	1	
CHCH0273	No	01503	ALPHA, DISSOLVED	03/12/58-05/08/68	10	208	
CHCH0308	No	01503	ALPHA, DISSOLVED	09/07/67-09/07/67	0	1	
CHCH0310	No	01503	ALPHA, DISSOLVED	09/07/67-09/07/67	0	1	
CHCH0342	No	01503	ALPHA, DISSOLVED	02/26/69-12/02/69	0	11	
CHCH0392	No	01503	ALPHA, DISSOLVED	09/07/67-09/07/67	0	1	
CHCH0425	No	01503	ALPHA, DISSOLVED	09/07/67-09/07/67	0	1	
CHCH0448	No	01503	ALPHA, DISSOLVED	09/07/67-09/07/67	0	1	
CHCH0190	No	01504	ALPHA, DISSOLVED, COUNTING ERROR	09/07/67-09/07/67	0	1	
CHCH0191	No	01504	ALPHA, DISSOLVED, COUNTING ERROR	09/07/67-09/07/67	0	2	
CHCH0237	No	01504	ALPHA, DISSOLVED, COUNTING ERROR	09/07/67-09/07/67	0	1	
CHCH0273	No	01504	ALPHA, DISSOLVED, COUNTING ERROR	03/12/58-05/08/68	10	182	
CHCH0308	No	01504	ALPHA, DISSOLVED, COUNTING ERROR	09/07/67-09/07/67	0	1	
CHCH0310	No	01504	ALPHA, DISSOLVED, COUNTING ERROR	09/07/67-09/07/67	0	1	
CHCH0392	No	01504	ALPHA, DISSOLVED, COUNTING ERROR	09/07/67-09/07/67	0	1	
CHCH0425	No	01504	ALPHA, DISSOLVED, COUNTING ERROR	09/07/67-09/07/67	0	1	
CHCH0448	No	01504	ALPHA, DISSOLVED, COUNTING ERROR	09/07/67-09/07/67	0	1	
CHCH0190	No	01505	ALPHA, SUSPENDED	09/07/67-09/07/67	0	1	
CHCH0191	No	01505	ALPHA, SUSPENDED	09/07/67-09/07/67	0	2	
CHCH0237	No	01505	ALPHA, SUSPENDED	09/07/67-09/07/67	0	1	
CHCH0273	No	01505	ALPHA, SUSPENDED	03/12/58-05/08/68	10	208	
CHCH0308	No	01505	ALPHA, SUSPENDED	09/07/67-09/07/67	0	1	
CHCH0310	No	01505	ALPHA, SUSPENDED	09/07/67-09/07/67	0	1	
CHCH0392	No	01505	ALPHA, SUSPENDED	09/07/67-09/07/67	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0425	No	01505	ALPHA, SUSPENDED	09/07/67-09/07/67	0	1	
CHCH0448	No	01505	ALPHA, SUSPENDED	09/07/67-09/07/67	0	1	
CHCH0190	No	01506	ALPHA, SUSPENDED, COUNTING ERROR	09/07/67-09/07/67	0	1	
CHCH0191	No	01506	ALPHA, SUSPENDED, COUNTING ERROR	09/07/67-09/07/67	0	2	
CHCH0237	No	01506	ALPHA, SUSPENDED, COUNTING ERROR	09/07/67-09/07/67	0	1	
CHCH0273	No	01506	ALPHA, SUSPENDED, COUNTING ERROR	03/12/58-05/08/68	10	182	
CHCH0308	No	01506	ALPHA, SUSPENDED, COUNTING ERROR	09/07/67-09/07/67	0	1	
CHCH0310	No	01506	ALPHA, SUSPENDED, COUNTING ERROR	09/07/67-09/07/67	0	1	
CHCH0392	No	01506	ALPHA, SUSPENDED, COUNTING ERROR	09/07/67-09/07/67	0	1	
CHCH0425	No	01506	ALPHA, SUSPENDED, COUNTING ERROR	09/07/67-09/07/67	0	1	
CHCH0448	No	01506	ALPHA, SUSPENDED, COUNTING ERROR	09/07/67-09/07/67	0	1	
CHCH0053	No	03501	BETA, TOTAL	01/28/69-12/01/69	0	12	
CHCH0076	No	03501	BETA, TOTAL	01/27/69-11/06/69	0	9	
CHCH0105	No	03501	BETA, TOTAL	08/13/69-10/09/69	0	2	
CHCH0126	No	03501	BETA, TOTAL	02/26/69-12/02/69	0	11	
CHCH0190	No	03501	BETA, TOTAL	09/07/67-09/07/67	0	1	
CHCH0191	No	03501	BETA, TOTAL	09/07/67-09/07/67	0	2	
CHCH0237	No	03501	BETA, TOTAL	09/07/67-09/07/67	0	1	
CHCH0273	No	03501	BETA, TOTAL	03/12/58-05/08/68	10	343	
CHCH0308	No	03501	BETA, TOTAL	09/07/67-09/07/67	0	1	
CHCH0310	No	03501	BETA, TOTAL	09/07/67-09/07/67	0	1	
CHCH0342	No	03501	BETA, TOTAL	02/26/69-12/02/69	0	11	
CHCH0392	No	03501	BETA, TOTAL	09/07/67-09/07/67	0	1	
CHCH0425	No	03501	BETA, TOTAL	09/07/67-09/07/67	0	1	
CHCH0448	No	03501	BETA, TOTAL	09/07/67-09/07/67	0	1	
CHCH0190	No	03502	BETA, TOTAL, COUNTING ERROR	09/07/67-09/07/67	0	1	
CHCH0191	No	03502	BETA, TOTAL, COUNTING ERROR	09/07/67-09/07/67	0	2	
CHCH0237	No	03502	BETA, TOTAL, COUNTING ERROR	09/07/67-09/07/67	0	1	
CHCH0273	No	03502	BETA, TOTAL, COUNTING ERROR	03/12/58-05/08/68	10	262	
CHCH0308	No	03502	BETA, TOTAL, COUNTING ERROR	09/07/67-09/07/67	0	1	
CHCH0310	No	03502	BETA, TOTAL, COUNTING ERROR	09/07/67-09/07/67	0	1	
CHCH0392	No	03502	BETA, TOTAL, COUNTING ERROR	09/07/67-09/07/67	0	1	
CHCH0425	No	03502	BETA, TOTAL, COUNTING ERROR	09/07/67-09/07/67	0	1	
CHCH0448	No	03502	BETA, TOTAL, COUNTING ERROR	09/07/67-09/07/67	0	1	
CHCH0053	No	03503	BETA, DISSOLVED	01/28/69-12/01/69	0	12	
CHCH0076	No	03503	BETA, DISSOLVED	01/27/69-11/06/69	0	9	
CHCH0105	No	03503	BETA, DISSOLVED	08/13/69-10/09/69	0	2	
CHCH0126	No	03503	BETA, DISSOLVED	02/26/69-12/02/69	0	11	
CHCH0190	No	03503	BETA, DISSOLVED	09/07/67-09/07/67	0	1	
CHCH0191	No	03503	BETA, DISSOLVED	09/07/67-09/07/67	0	2	
CHCH0237	No	03503	BETA, DISSOLVED	09/07/67-09/07/67	0	1	
CHCH0273	No	03503	BETA, DISSOLVED	03/12/58-05/08/68	10	344	
CHCH0308	No	03503	BETA, DISSOLVED	09/07/67-09/07/67	0	1	
CHCH0310	No	03503	BETA, DISSOLVED	09/07/67-09/07/67	0	1	
CHCH0342	No	03503	BETA, DISSOLVED	02/26/69-12/02/69	0	11	
CHCH0392	No	03503	BETA, DISSOLVED	09/07/67-09/07/67	0	1	
CHCH0425	No	03503	BETA, DISSOLVED	09/07/67-09/07/67	0	1	
CHCH0448	No	03503	BETA, DISSOLVED	09/07/67-09/07/67	0	1	
CHCH0190	No	03504	BETA, DISSOLVED, COUNTING ERROR	09/07/67-09/07/67	0	1	
CHCH0191	No	03504	BETA, DISSOLVED, COUNTING ERROR	09/07/67-09/07/67	0	2	
CHCH0237	No	03504	BETA, DISSOLVED, COUNTING ERROR	09/07/67-09/07/67	0	1	
CHCH0273	No	03504	BETA, DISSOLVED, COUNTING ERROR	03/12/58-05/08/68	10	263	
CHCH0308	No	03504	BETA, DISSOLVED, COUNTING ERROR	09/07/67-09/07/67	0	1	
CHCH0310	No	03504	BETA, DISSOLVED, COUNTING ERROR	09/07/67-09/07/67	0	1	
CHCH0392	No	03504	BETA, DISSOLVED, COUNTING ERROR	09/07/67-09/07/67	0	1	
CHCH0425	No	03504	BETA, DISSOLVED, COUNTING ERROR	09/07/67-09/07/67	0	1	
CHCH0448	No	03504	BETA, DISSOLVED, COUNTING ERROR	09/07/67-09/07/67	0	1	
CHCH0190	No	03505	BETA, SUSPENDED	09/07/67-09/07/67	0	1	
CHCH0191	No	03505	BETA, SUSPENDED	09/07/67-09/07/67	0	2	
CHCH0237	No	03505	BETA, SUSPENDED	09/07/67-09/07/67	0	1	
CHCH0273	No	03505	BETA, SUSPENDED	03/12/58-05/08/68	10	343	
CHCH0308	No	03505	BETA, SUSPENDED	09/07/67-09/07/67	0	1	
CHCH0310	No	03505	BETA, SUSPENDED	09/07/67-09/07/67	0	1	
CHCH0392	No	03505	BETA, SUSPENDED	09/07/67-09/07/67	0	1	
CHCH0425	No	03505	BETA, SUSPENDED	09/07/67-09/07/67	0	1	
CHCH0448	No	03505	BETA, SUSPENDED	09/07/67-09/07/67	0	1	
CHCH0190	No	03506	BETA, SUSPENDED, COUNTING ERROR	09/07/67-09/07/67	0	1	
CHCH0191	No	03506	BETA, SUSPENDED, COUNTING ERROR	09/07/67-09/07/67	0	2	
CHCH0237	No	03506	BETA, SUSPENDED, COUNTING ERROR	09/07/67-09/07/67	0	1	
CHCH0273	No	03506	BETA, SUSPENDED, COUNTING ERROR	03/12/58-05/08/68	10	263	
CHCH0308	No	03506	BETA, SUSPENDED, COUNTING ERROR	09/07/67-09/07/67	0	1	
CHCH0310	No	03506	BETA, SUSPENDED, COUNTING ERROR	09/07/67-09/07/67	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0392	No	03506	BETA, SUSPENDED, COUNTING ERROR	09/07/67-09/07/67	0	1	
CHCH0425	No	03506	BETA, SUSPENDED, COUNTING ERROR	09/07/67-09/07/67	0	1	
CHCH0448	No	03506	BETA, SUSPENDED, COUNTING ERROR	09/07/67-09/07/67	0	1	
CHCH0348	No	04024	PROPACHLOR,DISSOLVED,WATER,TOTAL RECOVERABLE UG/L	05/28/96-02/14/97	0	6	
CHCH0348	No	04028	BUTYLATE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	05/28/96-02/14/97	0	6	
CHCH0348	No	04029	BROMACIL, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	07/16/96-12/17/96	0	4	
CHCH0348	No	04035	SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	05/28/96-02/14/97	0	6	
CHCH0348	No	04037	PROMETON, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	05/28/96-02/14/97	0	6	
CHCH0348	No	04040	DEETHYL ATRAZINE,DISSOLVED,WATER,TOT REC UG/L	05/28/96-02/14/97	0	6	
CHCH0348	No	04041	CYANAZINE,DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	05/28/96-02/14/97	0	6	
CHCH0348	No	04095	FONOFOS, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	05/28/96-02/14/97	0	6	
CHCH0431	No	04190	DEPTH TO BOTTOM OF SCREEN, FROM MEAS.PT. METER	10/14/92-10/14/92	0	2	
CHCH0273	No	13501	STRONTIUM 90, TOTAL	01/01/59-01/01/65	6	24	
CHCH0273	No	13502	STRONTIUM 90, TOTAL, COUNTING ERROR	10/01/64-01/01/65	0	2	
CHCH0001	No	22703	URANIUM, NATURAL, DISSOLVED	10/03/77-10/03/77	0	1	
CHCH0003	No	22703	URANIUM, NATURAL, DISSOLVED	09/27/77-09/27/77	0	1	
CHCH0022	No	22703	URANIUM, NATURAL, DISSOLVED	09/28/77-09/28/77	0	1	
CHCH0035	No	22703	URANIUM, NATURAL, DISSOLVED	10/07/77-10/07/77	0	1	
CHCH0039	No	22703	URANIUM, NATURAL, DISSOLVED	09/27/77-09/27/77	0	1	
CHCH0052	No	22703	URANIUM, NATURAL, DISSOLVED	09/24/77-09/24/77	0	1	
CHCH0112	No	22703	URANIUM, NATURAL, DISSOLVED	10/02/78-10/02/78	0	1	
CHCH0141	No	22703	URANIUM, NATURAL, DISSOLVED	09/21/78-09/21/78	0	1	
CHCH0161	No	22703	URANIUM, NATURAL, DISSOLVED	09/19/78-09/19/78	0	1	
CHCH0203	No	22703	URANIUM, NATURAL, DISSOLVED	09/19/78-09/19/78	0	1	
CHCH0215	No	22703	URANIUM, NATURAL, DISSOLVED	08/24/78-08/24/78	0	1	
CHCH0244	No	22703	URANIUM, NATURAL, DISSOLVED	10/02/78-10/02/78	0	1	
CHCH0277	No	22703	URANIUM, NATURAL, DISSOLVED	08/24/78-08/24/78	0	1	
CHCH0402	No	22703	URANIUM, NATURAL, DISSOLVED	08/24/78-08/24/78	0	1	
CHCH0439	No	22703	URANIUM, NATURAL, DISSOLVED	09/19/78-09/19/78	0	1	
CHCH0451	No	22703	URANIUM, NATURAL, DISSOLVED	08/25/78-08/25/78	0	1	
CHCH0462	No	22703	URANIUM, NATURAL, DISSOLVED	09/20/78-09/20/78	0	1	
CHCH0463	No	22703	URANIUM, NATURAL, DISSOLVED	08/24/78-08/24/78	0	1	
CHCH0159	No	30217	DIBROMOMETHANE, WATER, WHOLE, RECOVERABLE UG/L	08/21/92-04/15/93	0	3	
CHCH0245	No	30217	DIBROMOMETHANE, WATER, WHOLE, RECOVERABLE UG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	30217	DIBROMOMETHANE, WATER, WHOLE, RECOVERABLE UG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	30217	DIBROMOMETHANE, WATER, WHOLE, RECOVERABLE UG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	30217	DIBROMOMETHANE, WATER, WHOLE, RECOVERABLE UG/L	07/31/92-03/12/93	0	3	
CHCH0314	No	30344	PENTACHLORODIBENZO-P-DIOXIN,12378,FISH,WET WT,PG/G	07/07/87-08/19/87	0	2	
CHCH0314	No	30345	HEXACHLORODIBENZO-P-DIOXIN,123478,FISH,WET WT,PG/G	07/07/87-08/19/87	0	2	
CHCH0314	No	30346	HEXACHLORODIBENZO-P-DIOXIN,123678,FISH,WET WT,PG/G	07/07/87-08/19/87	0	2	
CHCH0314	No	30347	HEXACHLORODIBENZO-P-DIOXIN,123789,FISH,WET WT,PG/G	07/07/87-08/19/87	0	2	
CHCH0314	No	30348	HEPTACHLORODIBENZO-P-DIOXIN,1234678,TIS,WETWT,PG/G	07/07/87-08/19/87	0	2	
CHCH0314	No	30349	TETRACHLORODIBENZOFURAN, 2378- , FISH,WET WT.,PG/G	07/07/87-08/19/87	0	2	
CHCH0314	No	30350	PENTACHLORODIBENZOFURAN,12378- , FISH,WET WT.,PG/G	07/07/87-08/19/87	0	2	
CHCH0314	No	30351	PENTACHLORODIBENZOFURAN,23478- , FISH,WET WT.,PG/G	07/07/87-08/19/87	0	2	
CHCH0314	No	30352	HEXACHLORODIBENZOFURAN,123478- , FISH,WET WT.,PG/G	07/07/87-08/19/87	0	2	
CHCH0314	No	30353	HEXACHLORODIBENZOFURAN,123678- , FISH,WET WT.,PG/G	07/07/87-08/19/87	0	2	
CHCH0314	No	30354	HEXACHLORODIBENZOFURAN,123789- , FISH,WET WT.,PG/G	07/07/87-08/19/87	0	2	
CHCH0314	No	30355	HEXACHLORODIBENZOFURAN,234678- , FISH,WET WT.,PG/G	07/07/87-08/19/87	0	2	
CHCH0314	No	30356	HEPTACHLORODIBENZOFURAN,1234678- ,FISH,WET WT,PG/G	07/07/87-08/19/87	0	2	
CHCH0314	No	30357	HEPTACHLORODIBENZOFURAN,1234789- ,FISH,WET WT,PG/G	07/07/87-08/19/87	0	2	
CHCH0002	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/17/80-07/30/80	0	2	
CHCH0004	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/06/67-07/30/80	12	13	
CHCH0005	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	02/25/69-12/01/69	0	11	
CHCH0009	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/17/80-07/30/80	0	2	
CHCH0014	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	02/27/69-07/30/80	11	12	
CHCH0015	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/18/69-12/03/69	0	10	
CHCH0016	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/06/67-12/01/69	2	12	
CHCH0020	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	02/25/69-12/04/69	0	11	
CHCH0023	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	02/25/69-12/01/69	0	11	
CHCH0026	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	02/25/69-12/04/69	0	11	
CHCH0027	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/17/80-07/30/80	0	2	
CHCH0028	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/06/67-12/04/69	2	12	
CHCH0029	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	02/25/69-12/04/69	0	11	
CHCH0030	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/06/67-12/04/69	2	12	
CHCH0031	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	02/25/69-12/04/69	0	11	
CHCH0033	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	02/25/69-12/04/69	0	11	
CHCH0038	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/18/69-12/03/69	0	10	
CHCH0040	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/06/67-07/30/80	12	14	
CHCH0041	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	02/25/69-12/04/69	0	11	
CHCH0043	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	02/26/69-12/02/69	0	10	
CHCH0045	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/07/67-12/03/69	2	10	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0046	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/07/67-10/11/67	0	2	
CHCH0048	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/18/69-12/03/69	0	9	
CHCH0049	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	02/27/69-12/04/69	0	11	
CHCH0050	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/07/67-12/03/69	2	12	
CHCH0051	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/06/67-12/04/69	2	12	
CHCH0053	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/06/67-07/30/80	12	15	
CHCH0058	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/07/67-12/03/69	2	13	
CHCH0060	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/18/69-12/03/69	0	10	
CHCH0063	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/28/69-12/03/69	0	11	
CHCH0064	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/06/67-12/04/69	2	12	
CHCH0068	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	02/27/69-12/04/69	0	11	
CHCH0070	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/28/67-09/28/67	0	1	
CHCH0072	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/30/80-07/30/80	0	1	
CHCH0075	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/11/65-06/03/65	0	10	
CHCH0076	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/07/67-12/03/69	2	14	
CHCH0078	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/18/69-05/21/69	0	3	
CHCH0079	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/07/67-10/11/67	0	2	
CHCH0082	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/14/82-07/15/82	0	2	
CHCH0083	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/07/67-12/03/69	2	13	
CHCH0092	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/14/82-07/15/82	0	2	
CHCH0093	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	02/27/69-12/04/69	0	10	
CHCH0104	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/15/82-07/15/82	0	1	
CHCH0105	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/07/67-12/03/69	2	14	
CHCH0121	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/14/82-07/15/82	0	2	
CHCH0125	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/14/82-07/15/82	0	2	
CHCH0126	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	02/26/69-12/02/69	0	10	
CHCH0127	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/14/82-07/15/82	0	2	
CHCH0129	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/06/67-09/06/67	0	1	
CHCH0130	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	02/27/69-12/04/69	0	11	
CHCH0136	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/14/82-07/15/82	0	2	
CHCH0142	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/14/82-07/15/82	0	2	
CHCH0150	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/25/75-03/10/76	0	5	
CHCH0151	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/06/67-11/10/80	13	13	
CHCH0157	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/14/82-07/15/82	0	2	
CHCH0158	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/14/82-07/15/82	0	2	
CHCH0160	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/14/82-07/15/82	0	2	
CHCH0164	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/14/82-07/15/82	0	2	
CHCH0169	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/07/67-12/04/73	6	29	
CHCH0178	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/24/73-12/05/73	0	13	
CHCH0180	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/07/67-10/11/67	0	2	
CHCH0182	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/07/67-10/11/67	0	2	
CHCH0183	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/07/67-10/11/67	0	2	
CHCH0184	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/14/82-07/15/82	0	2	
CHCH0190	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/23/73-12/20/73	0	55	
CHCH0195	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/07/67-10/11/67	0	2	
CHCH0208	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/30/76-06/30/76	0	8	
CHCH0216	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/06/67-09/06/67	0	1	
CHCH0224	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/21/73-12/20/73	0	3	
CHCH0226	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/23/73-12/05/73	0	14	
CHCH0233	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/06/67-12/02/69	2	10	
CHCH0239	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/06/67-12/02/69	2	11	
CHCH0248	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/21/73-12/20/73	0	4	
CHCH0251	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/23/73-12/04/73	0	13	
CHCH0252	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	02/26/73-02/26/73	0	1	
CHCH0253	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/06/67-12/05/73	6	2	
CHCH0264	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	02/26/69-12/02/69	0	10	
CHCH0280	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/02/74-09/26/74	0	33	
CHCH0284	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/02/74-09/26/74	0	31	
CHCH0286	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/23/73-12/04/73	0	36	
CHCH0287	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/05/72-06/03/75	2	29	
CHCH0289	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/02/74-09/26/74	0	33	
CHCH0295	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/21/73-12/20/73	0	4	
CHCH0296	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	02/26/69-12/02/69	0	10	
CHCH0310	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/23/73-12/05/73	0	14	
CHCH0316	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	02/14/77-02/14/77	0	1	
CHCH0329	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/05/72-08/29/77	4	55	
CHCH0335	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/24/73-12/05/73	0	14	
CHCH0342	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/06/67-12/04/73	6	26	
CHCH0347	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/23/73-12/05/73	0	13	
CHCH0371	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/07/67-09/07/67	0	1	
CHCH0383	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/02/74-09/26/74	0	33	
CHCH0385	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/02/74-09/26/74	0	33	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0389	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/02/74-09/26/74	0	34	
CHCH0401	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/23/73-12/05/73	0	13	
CHCH0407	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/02/74-09/26/74	0	34	
CHCH0409	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/23/73-08/14/74	1	14	
CHCH0413	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/23/73-12/04/73	0	14	
CHCH0416	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/13/74-02/15/79	4	13	
CHCH0417	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/02/74-09/26/74	0	34	
CHCH0418	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/05/72-06/03/75	2	29	
CHCH0421	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/02/74-09/26/74	0	34	
CHCH0433	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/23/73-12/04/73	0	15	
CHCH0445	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/23/73-12/05/73	0	26	
CHCH0456	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/25/75-01/13/76	0	3	
CHCH0457	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/24/73-11/16/76	3	17	
CHCH0273	No	31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	03/12/58-05/08/68	10	292	
CHCH0062	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/27/73-03/07/73	0	7	
CHCH0071	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/27/73-03/07/73	0	7	
CHCH0081	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/27/73-03/07/73	0	7	
CHCH0087	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/27/73-03/07/73	0	7	
CHCH0102	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/27/73-03/07/73	0	7	
CHCH0106	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/27/73-03/07/73	0	7	
CHCH0113	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/27/73-03/07/73	0	7	
CHCH0138	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/27/73-03/07/73	0	7	
CHCH0144	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/27/73-03/07/73	0	7	
CHCH0162	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/27/73-03/07/73	0	7	
CHCH0170	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/27/73-03/07/73	0	7	
CHCH0185	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/27/73-03/07/73	0	7	
CHCH0186	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/27/73-03/07/73	0	7	
CHCH0190	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/07/67-09/07/67	0	3	
CHCH0191	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/07/67-09/07/67	0	1	
CHCH0192	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/27/73-03/07/73	0	7	
CHCH0194	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/27/73-03/07/73	0	7	
CHCH0196	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/27/73-03/07/73	0	7	
CHCH0208	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/07/67-09/07/67	0	3	
CHCH0213	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/27/73-03/07/73	0	7	
CHCH0237	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/07/67-09/07/67	0	3	
CHCH0248	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/07/67-09/07/67	0	3	
CHCH0249	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/20/72-06/23/72	0	4	
CHCH0250	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/27/73-03/07/73	0	22	
CHCH0254	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/20/72-06/24/72	0	6	
CHCH0261	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/23/72-06/24/72	0	2	
CHCH0266	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/28/72-01/03/73	0	45	
CHCH0267	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/28/72-01/03/73	0	45	
CHCH0292	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/20/72-06/24/72	0	5	
CHCH0293	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/20/72-06/24/72	0	5	
CHCH0300	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/21/72-06/24/72	0	4	
CHCH0308	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/07/67-09/07/67	0	3	
CHCH0310	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/07/67-09/07/67	0	3	
CHCH0311	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/23/72-06/24/72	0	2	
CHCH0312	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/21/72-06/23/72	0	3	
CHCH0321	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/07/67-09/07/67	0	1	
CHCH0322	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/24/72-06/24/72	0	1	
CHCH0330	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/20/72-06/23/72	0	4	
CHCH0343	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/20/72-06/24/72	0	5	
CHCH0346	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/23/72-06/23/72	0	1	
CHCH0358	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/23/72-06/24/72	0	2	
CHCH0362	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/20/72-06/24/72	0	5	
CHCH0363	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/20/72-06/24/72	0	5	
CHCH0378	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/20/72-06/24/72	0	5	
CHCH0392	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/07/67-09/07/67	0	3	
CHCH0429	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/20/72-06/23/72	0	4	
CHCH0433	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/12/60-06/26/61	0	31	
CHCH0436	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/07/67-09/07/67	0	1	
CHCH0445	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/07/67-09/07/67	0	3	
CHCH0448	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/07/67-09/07/67	0	1	
CHCH0159	No	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	08/21/92-04/15/93	0	4	
CHCH0245	No	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	12/16/92-03/31/93	0	2	
CHCH0276	No	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	06/30/92-04/05/93	0	3	
CHCH0326	No	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	06/03/92-03/02/93	0	5	
CHCH0459	No	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	07/31/92-03/12/93	0	6	
CHCH0032	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/17/71-06/17/71	0	1	
CHCH0054	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/20/74-07/13/95	20	189	T
CHCH0055	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/12/73-12/14/98	25	128	T,S

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0059	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/17/71-06/17/71	0	1	
CHCH0062	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/27/73-03/07/73	0	7	
CHCH0065	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/20/74-02/22/94	19	128	T
CHCH0066	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/18/73-11/24/86	13	13	
CHCH0071	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/27/73-03/07/73	0	7	
CHCH0077	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/06/82-01/07/97	14	134	
CHCH0080	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/16/83-01/07/97	13	143	
CHCH0081	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/27/73-03/07/73	0	7	
CHCH0087	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/27/73-03/07/73	0	7	
CHCH0088	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/22/94-07/13/95	0	8	
CHCH0102	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/27/73-03/07/73	0	7	
CHCH0106	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/27/73-03/07/73	0	7	
CHCH0113	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/27/73-03/07/73	0	7	
CHCH0138	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/27/73-03/07/73	0	7	
CHCH0144	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/27/73-03/07/73	0	7	
CHCH0162	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/27/73-03/07/73	0	7	
CHCH0170	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/27/73-03/07/73	0	7	
CHCH0185	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/27/73-03/07/73	0	7	
CHCH0186	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/27/73-03/07/73	0	7	
CHCH0190	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/07/67-09/07/67	0	3	
CHCH0191	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/07/67-09/07/67	0	1	
CHCH0192	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/27/73-03/07/73	0	7	
CHCH0194	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/27/73-03/07/73	0	7	
CHCH0196	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/27/73-03/07/73	0	7	
CHCH0208	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/07/67-09/07/67	0	3	
CHCH0213	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/27/73-03/07/73	0	7	
CHCH0237	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/07/67-09/07/67	0	3	
CHCH0248	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/07/67-09/07/67	0	3	
CHCH0249	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/20/72-06/23/72	0	4	
CHCH0250	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/27/73-03/07/73	0	22	
CHCH0254	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/20/72-06/24/72	0	6	
CHCH0261	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/23/72-06/24/72	0	2	
CHCH0266	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/28/72-01/03/73	0	45	
CHCH0267	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/28/72-01/03/73	0	45	
CHCH0280	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/02/74-09/26/74	0	33	
CHCH0284	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/02/74-09/26/74	0	31	
CHCH0289	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/02/74-09/26/74	0	33	
CHCH0292	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/20/72-06/24/72	0	5	
CHCH0293	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/20/72-06/24/72	0	5	
CHCH0300	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/21/72-06/24/72	0	4	
CHCH0308	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/07/67-09/07/67	0	3	
CHCH0310	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/07/67-09/07/67	0	3	
CHCH0311	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/23/72-06/24/72	0	2	
CHCH0312	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/21/72-06/23/72	0	3	
CHCH0321	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/07/67-09/07/67	0	1	
CHCH0322	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/24/72-06/24/72	0	1	
CHCH0330	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/20/72-06/23/72	0	4	
CHCH0343	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/20/72-06/24/72	0	5	
CHCH0346	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/23/72-06/23/72	0	1	
CHCH0358	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/23/72-06/24/72	0	2	
CHCH0362	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/20/72-06/24/72	0	5	
CHCH0363	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/20/72-06/24/72	0	5	
CHCH0378	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/20/72-06/24/72	0	5	
CHCH0383	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/02/74-09/26/74	0	33	
CHCH0385	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/02/74-09/26/74	0	33	
CHCH0389	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/02/74-09/26/74	0	34	
CHCH0392	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/07/67-09/07/67	0	3	
CHCH0407	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/02/74-09/26/74	0	34	
CHCH0417	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/02/74-09/26/74	0	34	
CHCH0421	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/02/74-09/26/74	0	34	
CHCH0429	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/20/72-06/23/72	0	4	
CHCH0436	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/07/67-09/07/67	0	1	
CHCH0445	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/07/67-09/07/67	0	3	
CHCH0448	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/07/67-09/07/67	0	1	
CHCH0002	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/17/80-07/30/80	0	2	
CHCH0004	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/06/67-07/30/80	12	16	
CHCH0005	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/25/69-12/01/69	0	11	
CHCH0009	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/17/80-07/30/80	0	2	
CHCH0014	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/13/67-07/30/80	12	15	
CHCH0015	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/28/69-12/03/69	0	12	
CHCH0016	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/06/67-12/01/69	2	14	
CHCH0020	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/25/69-12/04/69	0	10	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0023	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/25/69-12/01/69	0	11	
CHCH0026	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/25/69-12/04/69	0	11	
CHCH0027	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/13/67-06/11/92	24	13	
CHCH0028	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/06/67-12/04/69	2	12	
CHCH0029	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/25/69-12/04/69	0	10	
CHCH0030	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/06/67-12/04/69	2	13	
CHCH0031	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/25/69-12/04/69	0	11	
CHCH0033	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/25/69-12/04/69	0	11	
CHCH0034	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/26/92-06/11/92	0	12	
CHCH0038	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/27/69-12/03/69	0	12	
CHCH0040	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/06/67-07/30/80	12	16	
CHCH0041	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/25/69-12/04/69	0	10	
CHCH0043	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/26/69-12/02/69	0	10	
CHCH0045	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/07/67-12/03/69	2	12	
CHCH0046	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/07/67-10/11/67	0	2	
CHCH0048	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/27/69-12/03/69	0	11	
CHCH0049	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/27/69-12/04/69	0	12	
CHCH0050	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/07/67-12/03/69	2	14	
CHCH0051	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/06/67-12/04/69	2	14	
CHCH0053	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/06/67-07/30/80	12	16	
CHCH0058	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/07/67-12/03/69	2	14	
CHCH0060	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/27/69-12/03/69	0	12	
CHCH0063	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/28/69-12/03/69	0	12	
CHCH0064	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/06/67-12/04/69	2	12	
CHCH0067	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/26/92-06/11/92	0	13	
CHCH0068	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/27/69-12/04/69	0	12	
CHCH0070	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/28/67-09/28/67	0	1	
CHCH0072	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/30/80-07/30/80	0	1	
CHCH0075	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/11/65-06/03/65	0	10	
CHCH0076	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/07/67-12/03/69	2	14	
CHCH0078	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/27/69-05/21/69	0	5	
CHCH0079	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/07/67-10/11/67	0	2	
CHCH0082	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/14/82-07/15/82	0	2	
CHCH0083	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/07/67-12/03/69	2	14	
CHCH0092	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/14/82-07/15/82	0	2	
CHCH0093	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/27/69-12/04/69	0	11	
CHCH0097	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/26/92-06/11/92	0	13	
CHCH0104	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/14/82-07/15/82	0	2	
CHCH0105	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/07/67-12/03/69	2	14	
CHCH0121	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/14/82-07/15/82	0	2	
CHCH0125	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/14/82-07/15/82	0	2	
CHCH0126	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/26/69-12/02/69	0	10	
CHCH0127	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/14/82-07/15/82	0	2	
CHCH0129	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/06/67-10/13/67	0	2	
CHCH0130	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/27/69-12/04/69	0	12	
CHCH0136	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/14/82-07/15/82	0	2	
CHCH0142	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/14/82-07/15/82	0	2	
CHCH0147	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/10/95-02/23/98	2	6	
CHCH0150	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/23/75-08/12/76	0	12	
CHCH0151	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/06/67-11/10/80	13	17	
CHCH0157	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/14/82-07/15/82	0	2	
CHCH0158	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/14/82-07/14/82	0	1	
CHCH0160	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/14/82-07/15/82	0	2	
CHCH0164	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/14/82-07/15/82	0	2	
CHCH0169	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/07/67-12/04/73	6	28	
CHCH0176	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/27/86-06/11/92	6	24	
CHCH0177	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/18/82-12/15/98	16	161	
CHCH0178	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/24/73-12/05/73	0	13	
CHCH0180	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/07/67-10/11/67	0	2	
CHCH0182	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/07/67-10/11/67	0	2	
CHCH0183	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/07/67-10/11/67	0	2	
CHCH0184	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/14/82-07/15/82	0	2	
CHCH0190	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/23/73-12/20/73	0	55	
CHCH0195	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/07/67-10/11/67	0	2	
CHCH0208	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/30/76-06/30/76	0	8	
CHCH0216	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/06/67-10/13/67	0	2	
CHCH0224	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/21/73-12/20/73	0	3	
CHCH0226	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/23/73-12/05/73	0	14	
CHCH0233	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/06/67-12/02/69	2	11	
CHCH0239	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/06/67-12/02/69	2	12	
CHCH0248	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/21/73-12/20/73	0	4	
CHCH0251	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/23/73-12/04/73	0	13	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0252	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/26/73-02/26/73	0	1	
CHCH0253	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/06/67-12/05/73	6	3	
CHCH0264	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/26/69-12/02/69	0	10	
CHCH0280	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/02/74-09/26/74	0	33	
CHCH0284	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/02/74-09/26/74	0	31	
CHCH0286	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/23/73-12/04/73	0	36	
CHCH0287	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/05/72-06/03/75	2	28	
CHCH0289	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/02/74-09/26/74	0	33	
CHCH0290	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/27/86-06/11/92	6	32	
CHCH0295	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/21/73-12/20/73	0	4	
CHCH0296	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/26/69-12/02/69	0	10	
CHCH0299	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-12/15/98	21	214	T,A
CHCH0310	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/23/73-12/05/73	0	14	
CHCH0316	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/14/77-02/14/77	0	1	
CHCH0329	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/05/72-08/29/77	4	55	
CHCH0335	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/24/73-12/05/73	0	14	
CHCH0342	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/06/67-12/04/73	6	27	
CHCH0347	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/23/73-12/05/73	0	13	
CHCH0354	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-04/07/98	20	106	T
CHCH0371	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/07/67-09/07/67	0	1	
CHCH0382	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/17/89-06/06/89	0	10	
CHCH0383	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/02/74-09/26/74	0	33	
CHCH0385	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/02/74-09/26/74	0	33	
CHCH0389	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/02/74-09/26/74	0	34	
CHCH0397	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/17/89-06/06/89	0	10	
CHCH0398	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/27/86-06/06/89	3	20	
CHCH0399	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/17/89-06/06/89	0	20	
CHCH0401	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/23/73-12/05/73	0	13	
CHCH0403	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/26/92-06/11/92	0	11	
CHCH0407	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/02/74-09/26/74	0	34	
CHCH0409	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/23/73-06/19/80	7	16	
CHCH0412	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/27/86-06/18/86	0	10	
CHCH0413	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/23/73-12/04/73	0	14	
CHCH0416	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/13/74-04/17/80	5	19	
CHCH0417	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/02/74-09/26/74	0	34	
CHCH0418	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/05/72-06/03/75	2	28	
CHCH0421	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/02/74-09/26/74	0	34	
CHCH0433	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/23/73-07/12/94	21	56	
CHCH0435	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/09/90-09/13/90	0	64	
CHCH0440	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/27/86-07/19/86	0	21	
CHCH0441	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/26/92-07/08/93	1	17	
CHCH0444	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/27/86-06/18/86	0	10	
CHCH0445	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/23/73-12/05/73	0	26	
CHCH0446	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/03/92-07/08/93	1	25	
CHCH0456	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/23/75-09/14/76	0	13	
CHCH0457	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/24/73-12/07/76	3	21	
CHCH0458	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/26/92-07/08/93	1	33	
CHCH0348	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	05/28/96-02/14/97	0	5	
CHCH0159	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/21/92-04/15/93	0	4	
CHCH0245	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	12/16/92-03/31/93	0	2	
CHCH0276	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/30/92-04/05/93	0	3	
CHCH0326	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/03/92-03/02/93	0	5	
CHCH0348	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/28/96-02/14/97	0	5	
CHCH0459	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/31/92-03/12/93	0	6	
CHCH0082	No	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/14/82-07/15/82	0	2	
CHCH0092	No	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/14/82-07/15/82	0	2	
CHCH0104	No	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/14/82-07/15/82	0	2	
CHCH0121	No	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/14/82-07/15/82	0	2	
CHCH0125	No	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/14/82-07/15/82	0	2	
CHCH0127	No	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/14/82-07/15/82	0	2	
CHCH0136	No	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/14/82-07/15/82	0	2	
CHCH0142	No	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/14/82-07/15/82	0	2	
CHCH0147	No	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/10/95-02/23/98	2	6	
CHCH0157	No	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/14/82-07/15/82	0	2	
CHCH0158	No	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/14/82-07/15/82	0	2	
CHCH0160	No	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/14/82-07/15/82	0	2	
CHCH0164	No	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/14/82-07/15/82	0	2	
CHCH0177	No	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	10/18/82-12/15/98	16	152	
CHCH0184	No	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/14/82-07/15/82	0	2	
CHCH0287	No	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	05/01/73-06/03/75	2	25	
CHCH0299	No	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	11/21/78-12/15/98	20	192	T,A
CHCH0316	No	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	02/14/77-02/14/77	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0329	No	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	05/01/73-08/29/77	4	50	
CHCH0354	No	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	11/21/78-04/07/98	19	85	
CHCH0418	No	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	05/01/73-06/03/75	2	25	
CHCH0273	No	32000	SAMPLE SIZE (LITERS)	05/08/67-03/18/68	0	4	
CHCH0273	No	32001	SAMPLE SIZE (GALLONS)	03/12/58-03/18/68	10	100	
CHCH0273	No	32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	03/12/58-03/18/68	10	100	
CHCH0273	No	32004	CARBON ALCOHOL EXTRACTABLES	03/12/58-03/18/68	10	100	
CHCH0273	No	32005	CARBON CHLOROFORM EXTRACTABLES	03/12/58-03/18/68	10	100	
CHCH0273	No	32021	CARBON CHLOROFORM EXTRACTS, ETHER INSOLUBLES OF	03/12/58-10/09/63	5	46	
CHCH0273	No	32022	CARBON CHLOROFORM EXTRACTS, WATER SOLUBLES OF	03/12/58-10/09/63	5	46	
CHCH0273	No	32023	ACIDS, STRONG	03/12/58-10/09/63	5	46	
CHCH0273	No	32024	ACIDS, WEAK	03/12/58-10/09/63	5	46	
CHCH0273	No	32025	BASES	03/12/58-10/09/63	5	46	
CHCH0273	No	32026	NEUTRALS, TOTAL	03/12/58-10/09/63	5	46	
CHCH0273	No	32027	ALIPHATICS FRACTION OF NEUTRALS	03/12/58-10/09/63	5	46	
CHCH0273	No	32028	AROMATICS FRACTION OF NEUTRALS	03/12/58-10/09/63	5	46	
CHCH0273	No	32029	OXYGENATED COMPOUNDS FRACTION OF NEUTRALS	03/12/58-10/09/63	5	46	
CHCH0012	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	02/12/86-08/13/98	12	12	
CHCH0055	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0065	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	09/23/91-09/23/91	0	1	
CHCH0085	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	08/21/92-04/15/93	0	3	
CHCH0163	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	08/27/92-03/31/93	0	3	
CHCH0265	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	03/04/75-03/04/75	0	1	
CHCH0276	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	07/31/92-03/12/93	0	3	
CHCH0012	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	02/12/86-08/13/98	12	12	
CHCH0055	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0065	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	09/23/91-09/23/91	0	1	
CHCH0085	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	08/21/92-04/15/93	0	3	
CHCH0163	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	08/27/92-03/31/93	0	3	
CHCH0265	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	03/04/75-03/04/75	0	1	
CHCH0276	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	07/31/92-03/12/93	0	3	
CHCH0012	No	32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	02/12/86-08/13/98	12	12	
CHCH0055	No	32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	03/26/91-07/02/91	0	2	
CHCH0065	No	32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	09/23/91-09/23/91	0	1	
CHCH0159	No	32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	08/21/92-04/15/93	0	3	
CHCH0241	No	32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	08/27/92-03/31/93	0	3	
CHCH0265	No	32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	03/04/75-03/04/75	0	1	
CHCH0276	No	32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	06/30/92-04/05/93	0	3	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0326	No	32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	07/31/92-03/12/93	0	3	
CHCH0012	No	32104	BROMOFORM,WHOLE WATER,UG/L	02/12/86-08/13/98	12	12	
CHCH0055	No	32104	BROMOFORM,WHOLE WATER,UG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	32104	BROMOFORM,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0065	No	32104	BROMOFORM,WHOLE WATER,UG/L	09/23/91-09/23/91	0	1	
CHCH0085	No	32104	BROMOFORM,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	32104	BROMOFORM,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	32104	BROMOFORM,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	32104	BROMOFORM,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	32104	BROMOFORM,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	32104	BROMOFORM,WHOLE WATER,UG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	32104	BROMOFORM,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	32104	BROMOFORM,WHOLE WATER,UG/L	08/21/92-04/15/93	0	3	
CHCH0163	No	32104	BROMOFORM,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	32104	BROMOFORM,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	32104	BROMOFORM,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	32104	BROMOFORM,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	32104	BROMOFORM,WHOLE WATER,UG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	32104	BROMOFORM,WHOLE WATER,UG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	32104	BROMOFORM,WHOLE WATER,UG/L	08/27/92-03/31/93	0	3	
CHCH0265	No	32104	BROMOFORM,WHOLE WATER,UG/L	03/04/75-03/04/75	0	1	
CHCH0276	No	32104	BROMOFORM,WHOLE WATER,UG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	32104	BROMOFORM,WHOLE WATER,UG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	32104	BROMOFORM,WHOLE WATER,UG/L	07/31/92-03/12/93	0	3	
CHCH0012	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	07/28/95-08/13/98	3	3	
CHCH0061	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0065	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	09/23/91-09/23/91	0	1	
CHCH0085	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	08/21/92-04/15/93	0	3	
CHCH0163	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0245	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	07/31/92-03/12/93	0	3	
CHCH0012	No	32106	CHLOROFORM,WHOLE WATER,UG/L	02/12/86-08/13/98	12	12	
CHCH0055	No	32106	CHLOROFORM,WHOLE WATER,UG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	32106	CHLOROFORM,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0065	No	32106	CHLOROFORM,WHOLE WATER,UG/L	09/23/91-09/23/91	0	1	
CHCH0085	No	32106	CHLOROFORM,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	32106	CHLOROFORM,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	32106	CHLOROFORM,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	32106	CHLOROFORM,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	32106	CHLOROFORM,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	32106	CHLOROFORM,WHOLE WATER,UG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	32106	CHLOROFORM,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	32106	CHLOROFORM,WHOLE WATER,UG/L	08/21/92-04/15/93	0	3	
CHCH0163	No	32106	CHLOROFORM,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	32106	CHLOROFORM,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0171	No	32106	CHLOROFORM,WHOLE WATER,UG/L	08/21/76-08/21/76	0	1	
CHCH0188	No	32106	CHLOROFORM,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	32106	CHLOROFORM,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	32106	CHLOROFORM,WHOLE WATER,UG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	32106	CHLOROFORM,WHOLE WATER,UG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	32106	CHLOROFORM,WHOLE WATER,UG/L	08/27/92-03/31/93	0	3	
CHCH0265	No	32106	CHLOROFORM,WHOLE WATER,UG/L	02/10/75-02/10/75	0	1	
CHCH0276	No	32106	CHLOROFORM,WHOLE WATER,UG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	32106	CHLOROFORM,WHOLE WATER,UG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	32106	CHLOROFORM,WHOLE WATER,UG/L	07/31/92-03/12/93	0	3	
CHCH0427	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/01/87-08/16/89	2	42	
CHCH0433	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/24/90-09/16/97	7	67	
CHCH0443	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	07/24/85-08/11/92	7	49	
CHCH0449	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/01/87-07/22/91	4	44	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0427	No	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	04/01/87-08/16/89	2	42	
CHCH0433	No	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	01/24/90-09/16/97	7	66	
CHCH0443	No	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	07/24/85-08/11/92	7	49	
CHCH0449	No	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	04/01/87-07/22/91	4	44	
CHCH0427	No	32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	04/01/87-08/16/89	2	42	
CHCH0433	No	32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	01/24/90-09/16/97	7	66	
CHCH0443	No	32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	07/24/85-08/11/92	7	49	
CHCH0449	No	32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	04/01/87-07/22/91	4	44	
CHCH0268	No	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	05/23/73-10/30/73	0	3	
CHCH0285	No	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	05/23/73-10/30/73	0	3	
CHCH0408	No	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	05/23/73-10/29/73	0	3	
CHCH0427	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/01/87-08/16/89	2	42	
CHCH0433	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/24/90-09/16/97	7	66	
CHCH0443	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	07/24/85-08/11/92	7	49	
CHCH0449	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/01/87-07/22/91	4	44	
CHCH0287	No	32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	09/29/77-09/29/77	0	1	
CHCH0299	No	32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	05/25/78-05/25/78	0	1	
CHCH0316	No	32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	09/27/77-09/27/77	0	1	
CHCH0329	No	32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	09/29/77-09/29/77	0	1	
CHCH0354	No	32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	05/25/78-05/25/78	0	1	
CHCH0418	No	32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	09/29/77-09/29/77	0	1	
CHCH0287	No	32224	PHEOPHYTIN A MG/M2 SPECTROPHOTOMETRIC ACID METH	09/30/76-09/29/77	0	2	
CHCH0299	No	32224	PHEOPHYTIN A MG/M2 SPECTROPHOTOMETRIC ACID METH	05/25/78-05/25/78	0	1	
CHCH0316	No	32224	PHEOPHYTIN A MG/M2 SPECTROPHOTOMETRIC ACID METH	09/27/77-09/27/77	0	1	
CHCH0329	No	32224	PHEOPHYTIN A MG/M2 SPECTROPHOTOMETRIC ACID METH	09/30/76-09/29/77	0	2	
CHCH0354	No	32224	PHEOPHYTIN A MG/M2 SPECTROPHOTOMETRIC ACID METH	05/25/78-05/25/78	0	1	
CHCH0418	No	32224	PHEOPHYTIN A MG/M2 SPECTROPHOTOMETRIC ACID METH	09/30/76-09/29/77	0	2	
CHCH0287	No	32226	CHLOROPHYLL B, PERIPHYTON, SPECTRO, MG/M2	09/29/77-09/29/77	0	1	
CHCH0299	No	32226	CHLOROPHYLL B, PERIPHYTON, SPECTRO, MG/M2	05/25/78-05/25/78	0	1	
CHCH0316	No	32226	CHLOROPHYLL B, PERIPHYTON, SPECTRO, MG/M2	09/27/77-09/27/77	0	1	
CHCH0329	No	32226	CHLOROPHYLL B, PERIPHYTON, SPECTRO, MG/M2	09/29/77-09/29/77	0	1	
CHCH0354	No	32226	CHLOROPHYLL B, PERIPHYTON, SPECTRO, MG/M2	05/25/78-05/25/78	0	1	
CHCH0418	No	32226	CHLOROPHYLL B, PERIPHYTON, SPECTRO, MG/M2	09/29/77-09/29/77	0	1	
CHCH0287	No	32227	CHLOROPHYLL C, PERIPHYTON SPECTO, MG/M2	09/29/77-09/29/77	0	1	
CHCH0299	No	32227	CHLOROPHYLL C, PERIPHYTON SPECTO, MG/M2	05/25/78-05/25/78	0	1	
CHCH0316	No	32227	CHLOROPHYLL C, PERIPHYTON SPECTO, MG/M2	09/27/77-09/27/77	0	1	
CHCH0329	No	32227	CHLOROPHYLL C, PERIPHYTON SPECTO, MG/M2	09/29/77-09/29/77	0	1	
CHCH0354	No	32227	CHLOROPHYLL C, PERIPHYTON SPECTO, MG/M2	05/25/78-05/25/78	0	1	
CHCH0418	No	32227	CHLOROPHYLL C, PERIPHYTON SPECTO, MG/M2	09/29/77-09/29/77	0	1	
CHCH0287	No	32228	CHLOROPHYLL A, PERIPHYTON, SPECTRO, MG/M2	09/30/76-09/29/77	0	2	
CHCH0299	No	32228	CHLOROPHYLL A, PERIPHYTON, SPECTRO, MG/M2	05/25/78-05/25/78	0	1	
CHCH0316	No	32228	CHLOROPHYLL A, PERIPHYTON, SPECTRO, MG/M2	09/27/77-09/27/77	0	1	
CHCH0329	No	32228	CHLOROPHYLL A, PERIPHYTON, SPECTRO, MG/M2	09/30/76-09/29/77	0	2	
CHCH0354	No	32228	CHLOROPHYLL A, PERIPHYTON, SPECTRO, MG/M2	05/25/78-05/25/78	0	1	
CHCH0418	No	32228	CHLOROPHYLL A, PERIPHYTON, SPECTRO, MG/M2	09/30/76-09/29/77	0	2	
CHCH0299	No	32240	TANNIN AND LIGNIN (MG/L)	05/10/83-05/10/83	0	1	
CHCH0169	No	32250	OIL, PETROLEUM ETHER EXTRACTABLES (MG/L)	01/24/73-07/31/73	0	8	
CHCH0178	No	32250	OIL, PETROLEUM ETHER EXTRACTABLES (MG/L)	01/24/73-07/31/73	0	7	
CHCH0251	No	32250	OIL, PETROLEUM ETHER EXTRACTABLES (MG/L)	01/23/73-07/30/73	0	6	
CHCH0252	No	32250	OIL, PETROLEUM ETHER EXTRACTABLES (MG/L)	02/26/73-02/26/73	0	1	
CHCH0342	No	32250	OIL, PETROLEUM ETHER EXTRACTABLES (MG/L)	01/24/73-07/30/73	0	8	
CHCH0347	No	32250	OIL, PETROLEUM ETHER EXTRACTABLES (MG/L)	01/23/73-07/31/73	0	7	
CHCH0061	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0062	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	02/27/73-03/07/73	0	7	
CHCH0081	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	02/27/73-03/07/73	0	6	
CHCH0085	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0090	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0105	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/27/69-12/03/69	0	8	
CHCH0107	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0108	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	02/28/73-03/07/73	0	4	
CHCH0109	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	02/28/73-03/02/73	0	3	
CHCH0113	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	02/27/73-03/07/73	0	8	
CHCH0116	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	02/28/73-03/02/73	0	3	
CHCH0117	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	03/01/73-03/02/73	0	2	
CHCH0122	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0137	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	09/10/80-09/10/80	0	2	
CHCH0144	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	02/27/73-03/07/73	0	7	
CHCH0151	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/16/69-12/02/69	0	6	
CHCH0156	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0159	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	08/21/92-04/15/93	0	2	
CHCH0162	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	02/27/73-03/07/73	0	7	
CHCH0163	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	09/10/80-09/10/80	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0169	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/27/69-09/10/80	11	20	
CHCH0170	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	02/28/73-03/07/73	0	5	
CHCH0178	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/24/73-12/05/73	0	13	
CHCH0188	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0189	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0192	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	02/27/73-03/07/73	0	6	
CHCH0194	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	02/28/73-03/05/73	0	2	
CHCH0199	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	05/24/73-05/24/73	0	1	
CHCH0200	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	05/24/73-05/24/73	0	1	
CHCH0201	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	05/24/73-05/24/73	0	1	
CHCH0212	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	10/16/68-10/17/68	0	2	
CHCH0226	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/23/73-10/23/73	0	15	
CHCH0233	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/16/69-12/02/69	0	6	
CHCH0234	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	10/16/68-10/17/68	0	2	
CHCH0235	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/22/72-06/22/72	0	1	
CHCH0239	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/16/69-12/02/69	0	6	
CHCH0240	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	10/16/68-10/17/68	0	2	
CHCH0241	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/26/80-06/26/80	0	1	
CHCH0245	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	08/27/92-03/31/93	0	3	
CHCH0249	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/22/72-06/23/72	0	2	
CHCH0250	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	02/27/73-03/06/73	0	5	
CHCH0251	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/23/73-12/04/73	0	13	
CHCH0252	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	02/26/73-02/26/73	0	1	
CHCH0254	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/20/72-06/24/72	0	5	
CHCH0256	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	10/16/68-10/16/68	0	1	
CHCH0261	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/23/72-06/24/72	0	2	
CHCH0263	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/22/72-06/22/72	0	1	
CHCH0264	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/16/69-12/02/69	0	6	
CHCH0266	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	11/28/72-01/03/73	0	9	
CHCH0267	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	11/28/72-01/03/73	0	8	
CHCH0276	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	02/11/93-04/05/93	0	2	
CHCH0286	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/23/73-07/30/73	0	36	
CHCH0292	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/20/72-06/24/72	0	5	
CHCH0293	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/22/72-06/24/72	0	3	
CHCH0294	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	10/16/68-10/16/68	0	1	
CHCH0296	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/16/69-12/02/69	0	5	
CHCH0300	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/23/72-06/23/72	0	1	
CHCH0310	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/23/73-10/24/73	0	15	
CHCH0311	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/23/72-06/24/72	0	2	
CHCH0312	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/20/72-06/22/72	0	3	
CHCH0322	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/24/72-06/24/72	0	1	
CHCH0325	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	10/16/68-10/17/68	0	2	
CHCH0326	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/03/92-03/02/93	0	3	
CHCH0329	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	03/12/73-03/12/73	0	1	
CHCH0341	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	10/16/68-10/17/68	0	2	
CHCH0342	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/24/73-10/23/73	0	7	
CHCH0346	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/23/72-06/23/72	0	1	
CHCH0347	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	02/27/73-12/05/73	0	6	
CHCH0355	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	10/16/68-10/17/68	0	2	
CHCH0356	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	10/17/68-10/17/68	0	1	
CHCH0362	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/22/72-06/24/72	0	3	
CHCH0363	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/20/72-06/20/72	0	1	
CHCH0368	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/20/72-06/24/72	0	5	
CHCH0378	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/24/72-06/24/72	0	1	
CHCH0409	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/23/73-12/04/73	0	11	
CHCH0413	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/23/73-12/04/73	0	24	
CHCH0429	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/20/72-06/23/72	0	4	
CHCH0433	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/23/73-10/23/73	0	22	
CHCH0445	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/23/73-10/24/73	0	20	
CHCH0012	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	02/12/86-08/13/98	12	12	
CHCH0055	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	03/26/91-07/02/91	0	2	
CHCH0061	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/10/80-09/10/80	0	1	
CHCH0065	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/23/91-09/23/91	0	1	
CHCH0085	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/10/80-09/10/80	0	1	
CHCH0090	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/10/80-09/10/80	0	1	
CHCH0107	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/10/80-09/10/80	0	1	
CHCH0111	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/10/80-09/10/80	0	1	
CHCH0122	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/10/80-09/10/80	0	1	
CHCH0137	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/10/80-09/10/80	0	2	
CHCH0156	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/10/80-09/10/80	0	1	
CHCH0159	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	08/21/92-04/15/93	0	3	
CHCH0163	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/10/80-09/10/80	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0169	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/10/80-09/10/80	0	1	
CHCH0171	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	08/21/76-08/21/76	0	1	
CHCH0188	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/10/80-09/10/80	0	1	
CHCH0189	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/10/80-09/10/80	0	1	
CHCH0241	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	06/26/80-06/26/80	0	1	
CHCH0242	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	06/26/80-06/26/80	0	1	
CHCH0245	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	08/27/92-03/31/93	0	3	
CHCH0276	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	06/30/92-04/05/93	0	3	
CHCH0326	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	06/03/92-03/02/93	0	3	
CHCH0459	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	07/31/92-03/12/93	0	3	
CHCH0012	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	02/12/86-08/13/98	12	12	
CHCH0055	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	03/26/91-07/02/91	0	2	
CHCH0061	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/10/80-09/10/80	0	1	
CHCH0065	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/23/91-09/23/91	0	1	
CHCH0085	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/10/80-09/10/80	0	1	
CHCH0090	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/10/80-09/10/80	0	1	
CHCH0107	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/10/80-09/10/80	0	1	
CHCH0111	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/10/80-09/10/80	0	1	
CHCH0122	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/10/80-09/10/80	0	1	
CHCH0137	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/10/80-09/10/80	0	2	
CHCH0156	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/10/80-09/10/80	0	1	
CHCH0159	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	08/21/92-04/15/93	0	3	
CHCH0163	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/10/80-09/10/80	0	1	
CHCH0169	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/10/80-09/10/80	0	1	
CHCH0188	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/10/80-09/10/80	0	1	
CHCH0189	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/10/80-09/10/80	0	1	
CHCH0241	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	06/26/80-06/26/80	0	1	
CHCH0242	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	06/26/80-06/26/80	0	1	
CHCH0245	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	08/27/92-03/31/93	0	3	
CHCH0276	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	06/30/92-04/05/93	0	3	
CHCH0326	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	06/03/92-03/02/93	0	3	
CHCH0459	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	07/31/92-03/12/93	0	3	
CHCH0055	No	34200	ACENAPHTHYLENE TOTWUG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	34200	ACENAPHTHYLENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0065	No	34200	ACENAPHTHYLENE TOTWUG/L	09/23/91-09/23/91	0	1	
CHCH0085	No	34200	ACENAPHTHYLENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	34200	ACENAPHTHYLENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	34200	ACENAPHTHYLENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	34200	ACENAPHTHYLENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	34200	ACENAPHTHYLENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	34200	ACENAPHTHYLENE TOTWUG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	34200	ACENAPHTHYLENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	34200	ACENAPHTHYLENE TOTWUG/L	08/21/92-04/15/93	0	3	
CHCH0163	No	34200	ACENAPHTHYLENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	34200	ACENAPHTHYLENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	34200	ACENAPHTHYLENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	34200	ACENAPHTHYLENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	34200	ACENAPHTHYLENE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	34200	ACENAPHTHYLENE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	34200	ACENAPHTHYLENE TOTWUG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	34200	ACENAPHTHYLENE TOTWUG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	34200	ACENAPHTHYLENE TOTWUG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	34200	ACENAPHTHYLENE TOTWUG/L	07/31/92-03/12/93	0	3	
CHCH0061	No	34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0107	No	34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0137	No	34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0055	No	34205	ACENAPHTHENE TOTWUG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	34205	ACENAPHTHENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0065	No	34205	ACENAPHTHENE TOTWUG/L	09/23/91-09/23/91	0	1	
CHCH0085	No	34205	ACENAPHTHENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	34205	ACENAPHTHENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	34205	ACENAPHTHENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	34205	ACENAPHTHENE TOTWUG/L	09/10/80-09/10/80	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0122	No	34205	ACENAPHTHENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	34205	ACENAPHTHENE TOTWUG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	34205	ACENAPHTHENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	34205	ACENAPHTHENE TOTWUG/L	08/21/92-04/15/93	0	3	
CHCH0163	No	34205	ACENAPHTHENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	34205	ACENAPHTHENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	34205	ACENAPHTHENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	34205	ACENAPHTHENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	34205	ACENAPHTHENE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	34205	ACENAPHTHENE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	34205	ACENAPHTHENE TOTWUG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	34205	ACENAPHTHENE TOTWUG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	34205	ACENAPHTHENE TOTWUG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	34205	ACENAPHTHENE TOTWUG/L	07/31/92-03/12/93	0	3	
CHCH0061	No	34208	ACENAPHTHENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	34208	ACENAPHTHENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	34208	ACENAPHTHENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0091	No	34208	ACENAPHTHENE DRY WGTBOTUG/KG	11/18/81-11/18/81	0	1	
CHCH0104	No	34208	ACENAPHTHENE DRY WGTBOTUG/KG	11/18/81-11/18/81	0	1	
CHCH0107	No	34208	ACENAPHTHENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	34208	ACENAPHTHENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34208	ACENAPHTHENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0125	No	34208	ACENAPHTHENE DRY WGTBOTUG/KG	11/18/81-11/18/81	0	1	
CHCH0127	No	34208	ACENAPHTHENE DRY WGTBOTUG/KG	11/18/81-11/18/81	0	1	
CHCH0135	No	34208	ACENAPHTHENE DRY WGTBOTUG/KG	11/18/81-11/18/81	0	1	
CHCH0136	No	34208	ACENAPHTHENE DRY WGTBOTUG/KG	11/16/81-11/18/81	0	2	
CHCH0137	No	34208	ACENAPHTHENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	2	
CHCH0142	No	34208	ACENAPHTHENE DRY WGTBOTUG/KG	11/16/81-11/16/81	0	1	
CHCH0143	No	34208	ACENAPHTHENE DRY WGTBOTUG/KG	11/18/81-11/18/81	0	1	
CHCH0148	No	34208	ACENAPHTHENE DRY WGTBOTUG/KG	11/16/81-11/16/81	0	1	
CHCH0154	No	34208	ACENAPHTHENE DRY WGTBOTUG/KG	11/16/81-11/16/81	0	1	
CHCH0156	No	34208	ACENAPHTHENE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0157	No	34208	ACENAPHTHENE DRY WGTBOTUG/KG	11/16/81-11/16/81	0	1	
CHCH0158	No	34208	ACENAPHTHENE DRY WGTBOTUG/KG	11/16/81-11/16/81	0	1	
CHCH0160	No	34208	ACENAPHTHENE DRY WGTBOTUG/KG	11/16/81-11/16/81	0	1	
CHCH0163	No	34208	ACENAPHTHENE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	34208	ACENAPHTHENE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0173	No	34208	ACENAPHTHENE DRY WGTBOTUG/KG	11/16/81-11/16/81	0	2	
CHCH0184	No	34208	ACENAPHTHENE DRY WGTBOTUG/KG	11/16/81-11/16/81	0	1	
CHCH0188	No	34208	ACENAPHTHENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34208	ACENAPHTHENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0193	No	34208	ACENAPHTHENE DRY WGTBOTUG/KG	11/16/81-11/16/81	0	1	
CHCH0012	No	34210	ACROLEIN TOTWUG/L	01/30/90-07/23/91	1	3	
CHCH0055	No	34210	ACROLEIN TOTWUG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	34210	ACROLEIN TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0085	No	34210	ACROLEIN TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	34210	ACROLEIN TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	34210	ACROLEIN TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	34210	ACROLEIN TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	34210	ACROLEIN TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	34210	ACROLEIN TOTWUG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	34210	ACROLEIN TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	34210	ACROLEIN TOTWUG/L	08/21/92-04/15/93	0	3	
CHCH0163	No	34210	ACROLEIN TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	34210	ACROLEIN TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	34210	ACROLEIN TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	34210	ACROLEIN TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	34210	ACROLEIN TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	34210	ACROLEIN TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	34210	ACROLEIN TOTWUG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	34210	ACROLEIN TOTWUG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	34210	ACROLEIN TOTWUG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	34210	ACROLEIN TOTWUG/L	07/31/92-03/12/93	0	3	
CHCH0061	No	34213	ACROLEIN DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	34213	ACROLEIN DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	34213	ACROLEIN DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0107	No	34213	ACROLEIN DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	34213	ACROLEIN DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34213	ACROLEIN DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0137	No	34213	ACROLEIN DRY WGTBOTUG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	34213	ACROLEIN DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	34213	ACROLEIN DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0169	No	34213	ACROLEIN DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	34213	ACROLEIN DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34213	ACROLEIN DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0012	No	34215	ACRYLONITRILE TOTWUG/L	01/30/90-07/23/91	1	3	
CHCH0055	No	34215	ACRYLONITRILE TOTWUG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	34215	ACRYLONITRILE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0085	No	34215	ACRYLONITRILE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	34215	ACRYLONITRILE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	34215	ACRYLONITRILE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	34215	ACRYLONITRILE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	34215	ACRYLONITRILE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	34215	ACRYLONITRILE TOTWUG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	34215	ACRYLONITRILE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	34215	ACRYLONITRILE TOTWUG/L	08/21/92-04/15/93	0	3	
CHCH0163	No	34215	ACRYLONITRILE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	34215	ACRYLONITRILE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	34215	ACRYLONITRILE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	34215	ACRYLONITRILE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	34215	ACRYLONITRILE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	34215	ACRYLONITRILE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	34215	ACRYLONITRILE TOTWUG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	34215	ACRYLONITRILE TOTWUG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	34215	ACRYLONITRILE TOTWUG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	34215	ACRYLONITRILE TOTWUG/L	07/31/92-03/12/93	0	3	
CHCH0061	No	34218	ACRYLONITRILE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	34218	ACRYLONITRILE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	34218	ACRYLONITRILE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0107	No	34218	ACRYLONITRILE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	34218	ACRYLONITRILE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34218	ACRYLONITRILE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0137	No	34218	ACRYLONITRILE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	34218	ACRYLONITRILE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	34218	ACRYLONITRILE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	34218	ACRYLONITRILE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	34218	ACRYLONITRILE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34218	ACRYLONITRILE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0055	No	34220	ANTHRACENE TOTWUG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	34220	ANTHRACENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0065	No	34220	ANTHRACENE TOTWUG/L	09/23/91-09/23/91	0	1	
CHCH0085	No	34220	ANTHRACENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	34220	ANTHRACENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	34220	ANTHRACENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	34220	ANTHRACENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	34220	ANTHRACENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	34220	ANTHRACENE TOTWUG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	34220	ANTHRACENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	34220	ANTHRACENE TOTWUG/L	08/21/92-04/15/93	0	3	
CHCH0163	No	34220	ANTHRACENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	34220	ANTHRACENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	34220	ANTHRACENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	34220	ANTHRACENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	34220	ANTHRACENE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	34220	ANTHRACENE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	34220	ANTHRACENE TOTWUG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	34220	ANTHRACENE TOTWUG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	34220	ANTHRACENE TOTWUG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	34220	ANTHRACENE TOTWUG/L	07/31/92-03/12/93	0	3	
CHCH0061	No	34223	ANTHRACENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0077	No	34223	ANTHRACENE DRY WGTBOTUG/KG	10/06/82-10/06/82	0	1	
CHCH0085	No	34223	ANTHRACENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	34223	ANTHRACENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0091	No	34223	ANTHRACENE DRY WGTBOTUG/KG	11/18/81-11/18/81	0	1	
CHCH0104	No	34223	ANTHRACENE DRY WGTBOTUG/KG	11/18/81-11/18/81	0	1	
CHCH0107	No	34223	ANTHRACENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	34223	ANTHRACENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34223	ANTHRACENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0125	No	34223	ANTHRACENE DRY WGTBOTUG/KG	11/18/81-11/18/81	0	1	
CHCH0127	No	34223	ANTHRACENE DRY WGTBOTUG/KG	11/18/81-11/18/81	0	1	
CHCH0135	No	34223	ANTHRACENE DRY WGTBOTUG/KG	11/18/81-11/18/81	0	1	
CHCH0136	No	34223	ANTHRACENE DRY WGTBOTUG/KG	11/16/81-11/18/81	0	2	
CHCH0137	No	34223	ANTHRACENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	2	
CHCH0142	No	34223	ANTHRACENE DRY WGTBOTUG/KG	11/16/81-11/16/81	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0143	No	34223	ANTHRACENE DRY WGTBOTUG/KG	11/18/81-11/18/81	0	1	
CHCH0148	No	34223	ANTHRACENE DRY WGTBOTUG/KG	11/16/81-11/16/81	0	1	
CHCH0154	No	34223	ANTHRACENE DRY WGTBOTUG/KG	11/16/81-11/16/81	0	1	
CHCH0156	No	34223	ANTHRACENE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0157	No	34223	ANTHRACENE DRY WGTBOTUG/KG	11/16/81-11/16/81	0	1	
CHCH0158	No	34223	ANTHRACENE DRY WGTBOTUG/KG	11/16/81-11/16/81	0	1	
CHCH0160	No	34223	ANTHRACENE DRY WGTBOTUG/KG	11/16/81-11/16/81	0	1	
CHCH0163	No	34223	ANTHRACENE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	34223	ANTHRACENE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0173	No	34223	ANTHRACENE DRY WGTBOTUG/KG	11/16/81-11/16/81	0	2	
CHCH0184	No	34223	ANTHRACENE DRY WGTBOTUG/KG	11/16/81-11/16/81	0	1	
CHCH0188	No	34223	ANTHRACENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34223	ANTHRACENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0193	No	34223	ANTHRACENE DRY WGTBOTUG/KG	11/16/81-11/16/81	0	1	
CHCH0055	No	34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0065	No	34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	09/23/91-09/23/91	0	1	
CHCH0085	No	34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	08/21/92-04/15/93	0	3	
CHCH0163	No	34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	07/31/92-03/12/93	0	3	
CHCH0061	No	34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	0	1	
CHCH0107	No	34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	0	1	
CHCH0137	No	34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	0	1	
CHCH0061	No	34237	BENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	34237	BENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	34237	BENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0107	No	34237	BENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	34237	BENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34237	BENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0125	No	34237	BENZENE DRY WGTBOTUG/KG	11/18/81-11/18/81	0	1	
CHCH0127	No	34237	BENZENE DRY WGTBOTUG/KG	11/18/81-11/18/81	0	1	
CHCH0136	No	34237	BENZENE DRY WGTBOTUG/KG	11/16/81-11/16/81	0	1	
CHCH0137	No	34237	BENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	2	
CHCH0142	No	34237	BENZENE DRY WGTBOTUG/KG	11/16/81-11/16/81	0	1	
CHCH0154	No	34237	BENZENE DRY WGTBOTUG/KG	11/16/81-11/16/81	0	1	
CHCH0156	No	34237	BENZENE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0160	No	34237	BENZENE DRY WGTBOTUG/KG	11/16/81-11/16/81	0	1	
CHCH0163	No	34237	BENZENE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	34237	BENZENE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	34237	BENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34237	BENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0055	No	34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	09/10/80-09/10/80	0	1	
CHCH0065	No	34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	09/23/91-09/23/91	0	1	
CHCH0085	No	34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	09/10/80-09/10/80	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0122	No	34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	08/21/92-04/15/93	0	3	
CHCH0163	No	34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	07/31/92-03/12/93	0	3	
CHCH0061	No	34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	09/11/80-09/11/80	0	1	
CHCH0107	No	34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	09/11/80-09/11/80	0	1	
CHCH0137	No	34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	09/11/80-09/11/80	0	1	
CHCH0055	No	34247	BENZO-A-PYRENE TOTWUG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	34247	BENZO-A-PYRENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0065	No	34247	BENZO-A-PYRENE TOTWUG/L	09/23/91-09/23/91	0	1	
CHCH0085	No	34247	BENZO-A-PYRENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	34247	BENZO-A-PYRENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	34247	BENZO-A-PYRENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	34247	BENZO-A-PYRENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	34247	BENZO-A-PYRENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	34247	BENZO-A-PYRENE TOTWUG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	34247	BENZO-A-PYRENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	34247	BENZO-A-PYRENE TOTWUG/L	08/21/92-04/15/93	0	3	
CHCH0163	No	34247	BENZO-A-PYRENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	34247	BENZO-A-PYRENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	34247	BENZO-A-PYRENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	34247	BENZO-A-PYRENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	34247	BENZO-A-PYRENE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	34247	BENZO-A-PYRENE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	34247	BENZO-A-PYRENE TOTWUG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	34247	BENZO-A-PYRENE TOTWUG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	34247	BENZO-A-PYRENE TOTWUG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	34247	BENZO-A-PYRENE TOTWUG/L	07/31/92-03/12/93	0	3	
CHCH0061	No	34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0107	No	34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0137	No	34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0091	No	34252	BERYLLIUM WET WGTTISMG/KG	06/30/81-06/30/81	0	4	
CHCH0142	No	34252	BERYLLIUM WET WGTTISMG/KG	06/30/81-06/30/81	0	1	
CHCH0164	No	34252	BERYLLIUM WET WGTTISMG/KG	06/30/81-06/30/81	0	3	
CHCH0187	No	34252	BERYLLIUM WET WGTTISMG/KG	06/30/81-06/30/81	0	2	
CHCH0313	No	34252	BERYLLIUM WET WGTTISMG/KG	10/24/86-12/09/90	4	3	
CHCH0348	No	34253	A-BHC-ALPHA DISSUG/L	05/28/96-02/14/97	0	6	
CHCH0055	No	34257	B-BHC-BETA DRY WGTBOTUG/KG	10/25/79-07/02/91	11	6	
CHCH0061	No	34257	B-BHC-BETA DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	34257	B-BHC-BETA DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	34257	B-BHC-BETA DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0107	No	34257	B-BHC-BETA DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	34257	B-BHC-BETA DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34257	B-BHC-BETA DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0137	No	34257	B-BHC-BETA DRY WGTBOTUG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	34257	B-BHC-BETA DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	34257	B-BHC-BETA DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	34257	B-BHC-BETA DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	34257	B-BHC-BETA DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34257	B-BHC-BETA DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0433	No	34257	B-BHC-BETA DRY WGTBOTUG/KG	05/30/90-08/17/95	5	6	
CHCH0313	No	34258	B-BHC-BETA WET WGTTISMG/KG	10/24/86-11/20/91	5	37	
CHCH0431	No	34258	B-BHC-BETA WET WGTTISMG/KG	11/06/90-10/14/92	1	11	
CHCH0055	No	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0085	No	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	08/21/92-01/04/93	0	2	
CHCH0163	No	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	07/31/92-03/12/93	0	3	
CHCH0055	No	34262	DELTA BENZENE HEXACHLORIDE DRY WGTBOTUG/KG	07/02/91-07/02/91	0	1	
CHCH0061	No	34262	DELTA BENZENE HEXACHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	34262	DELTA BENZENE HEXACHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	34262	DELTA BENZENE HEXACHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0107	No	34262	DELTA BENZENE HEXACHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	34262	DELTA BENZENE HEXACHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34262	DELTA BENZENE HEXACHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0137	No	34262	DELTA BENZENE HEXACHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	34262	DELTA BENZENE HEXACHLORIDE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	34262	DELTA BENZENE HEXACHLORIDE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	34262	DELTA BENZENE HEXACHLORIDE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	34262	DELTA BENZENE HEXACHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34262	DELTA BENZENE HEXACHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0433	No	34262	DELTA BENZENE HEXACHLORIDE DRY WGTBOTUG/KG	05/30/90-08/17/95	5	6	
CHCH0313	No	34263	DELTA BENZENE HEXACHLORIDE WET WGTTISMG/KG	10/24/86-11/20/91	5	37	
CHCH0431	No	34263	DELTA BENZENE HEXACHLORIDE WET WGTTISMG/KG	11/06/90-10/14/92	1	11	
CHCH0061	No	34268	BIS (CHLOROMETHYL) ETHER TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0085	No	34268	BIS (CHLOROMETHYL) ETHER TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	34268	BIS (CHLOROMETHYL) ETHER TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	34268	BIS (CHLOROMETHYL) ETHER TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	34268	BIS (CHLOROMETHYL) ETHER TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	34268	BIS (CHLOROMETHYL) ETHER TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	34268	BIS (CHLOROMETHYL) ETHER TOTWUG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	34268	BIS (CHLOROMETHYL) ETHER TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0163	No	34268	BIS (CHLOROMETHYL) ETHER TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	34268	BIS (CHLOROMETHYL) ETHER TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	34268	BIS (CHLOROMETHYL) ETHER TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	34268	BIS (CHLOROMETHYL) ETHER TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0061	No	34271	BIS (CHLOROMETHYL) ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	34271	BIS (CHLOROMETHYL) ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	34271	BIS (CHLOROMETHYL) ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0107	No	34271	BIS (CHLOROMETHYL) ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	34271	BIS (CHLOROMETHYL) ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34271	BIS (CHLOROMETHYL) ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0137	No	34271	BIS (CHLOROMETHYL) ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	34271	BIS (CHLOROMETHYL) ETHER DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	34271	BIS (CHLOROMETHYL) ETHER DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	34271	BIS (CHLOROMETHYL) ETHER DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	34271	BIS (CHLOROMETHYL) ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34271	BIS (CHLOROMETHYL) ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0055	No	34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0065	No	34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	09/23/91-09/23/91	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0085	No	34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	08/21/92-04/15/93	0	3	
CHCH0163	No	34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	07/31/92-03/12/93	0	3	
CHCH0061	No	34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0107	No	34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0137	No	34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0055	No	34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0065	No	34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	09/23/91-09/23/91	0	1	
CHCH0085	No	34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	08/21/92-04/15/93	0	3	
CHCH0163	No	34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	07/31/92-03/12/93	0	3	
CHCH0061	No	34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0107	No	34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0137	No	34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0055	No	34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0065	No	34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	09/23/91-09/23/91	0	1	
CHCH0085	No	34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	09/10/80-09/10/80	0	2	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0156	No	34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	08/21/92-04/15/93	0	3	
CHCH0163	No	34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	07/31/92-03/12/93	0	3	
CHCH0061	No	34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0107	No	34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0137	No	34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0061	No	34290	BROMOFORM DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	34290	BROMOFORM DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	34290	BROMOFORM DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0107	No	34290	BROMOFORM DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	34290	BROMOFORM DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34290	BROMOFORM DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0137	No	34290	BROMOFORM DRY WGTBOTUG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	34290	BROMOFORM DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	34290	BROMOFORM DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	34290	BROMOFORM DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	34290	BROMOFORM DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34290	BROMOFORM DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0055	No	34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0065	No	34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	09/23/91-09/23/91	0	1	
CHCH0085	No	34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	08/21/92-04/15/93	0	3	
CHCH0163	No	34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	07/31/92-03/12/93	0	3	
CHCH0061	No	34295	N-BUTYL BENZYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	34295	N-BUTYL BENZYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	34295	N-BUTYL BENZYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	0	1	
CHCH0107	No	34295	N-BUTYL BENZYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	34295	N-BUTYL BENZYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34295	N-BUTYL BENZYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	0	1	
CHCH0137	No	34295	N-BUTYL BENZYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	34295	N-BUTYL BENZYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	34295	N-BUTYL BENZYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	34295	N-BUTYL BENZYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	34295	N-BUTYL BENZYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34295	N-BUTYL BENZYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	0	1	
CHCH0061	No	34299	CARBON TETRACHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	34299	CARBON TETRACHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	34299	CARBON TETRACHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0107	No	34299	CARBON TETRACHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	34299	CARBON TETRACHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34299	CARBON TETRACHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0137	No	34299	CARBON TETRACHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	34299	CARBON TETRACHLORIDE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	34299	CARBON TETRACHLORIDE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	34299	CARBON TETRACHLORIDE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	34299	CARBON TETRACHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34299	CARBON TETRACHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0012	No	34301	CHLOROBENZENE TOTWUG/L	02/12/86-08/13/98	12	12	
CHCH0055	No	34301	CHLOROBENZENE TOTWUG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	34301	CHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0065	No	34301	CHLOROBENZENE TOTWUG/L	09/23/91-09/23/91	0	1	
CHCH0085	No	34301	CHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	34301	CHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	34301	CHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	34301	CHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	34301	CHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	34301	CHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	34301	CHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	34301	CHLOROBENZENE TOTWUG/L	08/21/92-04/15/93	0	3	
CHCH0163	No	34301	CHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	34301	CHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	34301	CHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	34301	CHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	34301	CHLOROBENZENE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	34301	CHLOROBENZENE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	34301	CHLOROBENZENE TOTWUG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	34301	CHLOROBENZENE TOTWUG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	34301	CHLOROBENZENE TOTWUG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	34301	CHLOROBENZENE TOTWUG/L	07/31/92-03/12/93	0	3	
CHCH0061	No	34304	CHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0077	No	34304	CHLOROBENZENE DRY WGTBOTUG/KG	10/06/82-10/06/82	0	1	
CHCH0085	No	34304	CHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	34304	CHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0107	No	34304	CHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	34304	CHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34304	CHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0137	No	34304	CHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	34304	CHLOROBENZENE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	34304	CHLOROBENZENE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	34304	CHLOROBENZENE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	34304	CHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34304	CHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0012	No	34306	CHLORODIBROMOMETHANE TOTWUG/L	02/12/86-07/23/91	5	9	
CHCH0055	No	34306	CHLORODIBROMOMETHANE TOTWUG/L	03/26/91-07/02/91	0	2	
CHCH0241	No	34306	CHLORODIBROMOMETHANE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	34306	CHLORODIBROMOMETHANE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0265	No	34306	CHLORODIBROMOMETHANE TOTWUG/L	03/04/75-03/04/75	0	1	
CHCH0061	No	34309	CHLORODIBROMOMETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	34309	CHLORODIBROMOMETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	34309	CHLORODIBROMOMETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0107	No	34309	CHLORODIBROMOMETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	34309	CHLORODIBROMOMETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34309	CHLORODIBROMOMETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0137	No	34309	CHLORODIBROMOMETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	34309	CHLORODIBROMOMETHANE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	34309	CHLORODIBROMOMETHANE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	34309	CHLORODIBROMOMETHANE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	34309	CHLORODIBROMOMETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34309	CHLORODIBROMOMETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0012	No	34311	CHLOROETHANE TOTWUG/L	01/30/90-08/13/98	8	6	
CHCH0055	No	34311	CHLOROETHANE TOTWUG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	34311	CHLOROETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0065	No	34311	CHLOROETHANE TOTWUG/L	09/23/91-09/23/91	0	1	
CHCH0085	No	34311	CHLOROETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	34311	CHLOROETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	34311	CHLOROETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	34311	CHLOROETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	34311	CHLOROETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	34311	CHLOROETHANE TOTWUG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	34311	CHLOROETHANE TOTWUG/L	09/10/80-09/10/80	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0159	No	34311	CHLOROETHANE TOTWUG/L	08/21/92-04/15/93	0	3	
CHCH0163	No	34311	CHLOROETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	34311	CHLOROETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	34311	CHLOROETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	34311	CHLOROETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	34311	CHLOROETHANE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	34311	CHLOROETHANE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	34311	CHLOROETHANE TOTWUG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	34311	CHLOROETHANE TOTWUG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	34311	CHLOROETHANE TOTWUG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	34311	CHLOROETHANE TOTWUG/L	07/31/92-03/12/93	0	3	
CHCH0061	No	34314	CHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	34314	CHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	34314	CHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0107	No	34314	CHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	34314	CHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34314	CHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0137	No	34314	CHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	34314	CHLOROETHANE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	34314	CHLOROETHANE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	34314	CHLOROETHANE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	34314	CHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34314	CHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0061	No	34318	CHLOROFORM DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	34318	CHLOROFORM DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	34318	CHLOROFORM DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0107	No	34318	CHLOROFORM DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	34318	CHLOROFORM DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34318	CHLOROFORM DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0137	No	34318	CHLOROFORM DRY WGTBOTUG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	34318	CHLOROFORM DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	34318	CHLOROFORM DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	34318	CHLOROFORM DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	34318	CHLOROFORM DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34318	CHLOROFORM DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0055	No	34320	CHRYSENE TOTWUG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	34320	CHRYSENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0065	No	34320	CHRYSENE TOTWUG/L	09/23/91-09/23/91	0	1	
CHCH0085	No	34320	CHRYSENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	34320	CHRYSENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	34320	CHRYSENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	34320	CHRYSENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	34320	CHRYSENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	34320	CHRYSENE TOTWUG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	34320	CHRYSENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	34320	CHRYSENE TOTWUG/L	08/21/92-04/15/93	0	3	
CHCH0163	No	34320	CHRYSENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	34320	CHRYSENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	34320	CHRYSENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	34320	CHRYSENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	34320	CHRYSENE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	34320	CHRYSENE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	34320	CHRYSENE TOTWUG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	34320	CHRYSENE TOTWUG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	34320	CHRYSENE TOTWUG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	34320	CHRYSENE TOTWUG/L	07/31/92-03/12/93	0	3	
CHCH0061	No	34323	CHRYSENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	34323	CHRYSENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	34323	CHRYSENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0107	No	34323	CHRYSENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	34323	CHRYSENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34323	CHRYSENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0137	No	34323	CHRYSENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	34323	CHRYSENE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	34323	CHRYSENE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	34323	CHRYSENE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	34323	CHRYSENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34323	CHRYSENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0061	No	34330	DICHLOROBROMOMETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	34330	DICHLOROBROMOMETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	34330	DICHLOROBROMOMETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0107	No	34330	DICHLOROBROMOMETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0111	No	34330	DICHLOROBROMOMETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34330	DICHLOROBROMOMETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0137	No	34330	DICHLOROBROMOMETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	34330	DICHLOROBROMOMETHANE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	34330	DICHLOROBROMOMETHANE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	34330	DICHLOROBROMOMETHANE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	34330	DICHLOROBROMOMETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34330	DICHLOROBROMOMETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0061	No	34334	DICHLORODIFLUOROMETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	34334	DICHLORODIFLUOROMETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	34334	DICHLORODIFLUOROMETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0107	No	34334	DICHLORODIFLUOROMETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	34334	DICHLORODIFLUOROMETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34334	DICHLORODIFLUOROMETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0137	No	34334	DICHLORODIFLUOROMETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	34334	DICHLORODIFLUOROMETHANE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	34334	DICHLORODIFLUOROMETHANE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	34334	DICHLORODIFLUOROMETHANE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	34334	DICHLORODIFLUOROMETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34334	DICHLORODIFLUOROMETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0055	No	34336	DIETHYL PHTHALATE TOTWUG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	34336	DIETHYL PHTHALATE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0065	No	34336	DIETHYL PHTHALATE TOTWUG/L	09/23/91-09/23/91	0	1	
CHCH0085	No	34336	DIETHYL PHTHALATE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	34336	DIETHYL PHTHALATE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	34336	DIETHYL PHTHALATE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	34336	DIETHYL PHTHALATE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	34336	DIETHYL PHTHALATE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	34336	DIETHYL PHTHALATE TOTWUG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	34336	DIETHYL PHTHALATE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	34336	DIETHYL PHTHALATE TOTWUG/L	08/21/92-04/15/93	0	3	
CHCH0163	No	34336	DIETHYL PHTHALATE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	34336	DIETHYL PHTHALATE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0171	No	34336	DIETHYL PHTHALATE TOTWUG/L	08/21/76-08/21/76	0	1	
CHCH0188	No	34336	DIETHYL PHTHALATE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	34336	DIETHYL PHTHALATE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	34336	DIETHYL PHTHALATE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	34336	DIETHYL PHTHALATE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	34336	DIETHYL PHTHALATE TOTWUG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	34336	DIETHYL PHTHALATE TOTWUG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	34336	DIETHYL PHTHALATE TOTWUG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	34336	DIETHYL PHTHALATE TOTWUG/L	07/31/92-03/12/93	0	3	
CHCH0061	No	34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0107	No	34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0137	No	34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0055	No	34341	DIMETHYL PHTHALATE TOTWUG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	34341	DIMETHYL PHTHALATE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0065	No	34341	DIMETHYL PHTHALATE TOTWUG/L	09/23/91-09/23/91	0	1	
CHCH0085	No	34341	DIMETHYL PHTHALATE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	34341	DIMETHYL PHTHALATE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	34341	DIMETHYL PHTHALATE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	34341	DIMETHYL PHTHALATE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	34341	DIMETHYL PHTHALATE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	34341	DIMETHYL PHTHALATE TOTWUG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	34341	DIMETHYL PHTHALATE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	34341	DIMETHYL PHTHALATE TOTWUG/L	08/21/92-04/15/93	0	3	
CHCH0163	No	34341	DIMETHYL PHTHALATE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	34341	DIMETHYL PHTHALATE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	34341	DIMETHYL PHTHALATE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	34341	DIMETHYL PHTHALATE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	34341	DIMETHYL PHTHALATE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	34341	DIMETHYL PHTHALATE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	34341	DIMETHYL PHTHALATE TOTWUG/L	08/27/92-03/31/93	0	3	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0276	No	34341	DIMETHYL PHTHALATE TOTWUG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	34341	DIMETHYL PHTHALATE TOTWUG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	34341	DIMETHYL PHTHALATE TOTWUG/L	07/31/92-03/12/93	0	3	
CHCH0061	No	34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0107	No	34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0137	No	34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0061	No	34346	1,2-DIPHENYLHYDRAZINE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0085	No	34346	1,2-DIPHENYLHYDRAZINE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	34346	1,2-DIPHENYLHYDRAZINE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	34346	1,2-DIPHENYLHYDRAZINE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	34346	1,2-DIPHENYLHYDRAZINE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	34346	1,2-DIPHENYLHYDRAZINE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	34346	1,2-DIPHENYLHYDRAZINE TOTWUG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	34346	1,2-DIPHENYLHYDRAZINE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0163	No	34346	1,2-DIPHENYLHYDRAZINE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	34346	1,2-DIPHENYLHYDRAZINE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	34346	1,2-DIPHENYLHYDRAZINE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	34346	1,2-DIPHENYLHYDRAZINE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	34346	1,2-DIPHENYLHYDRAZINE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	34346	1,2-DIPHENYLHYDRAZINE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0061	No	34349	1,2-DIPHENYLHYDRAZINE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	34349	1,2-DIPHENYLHYDRAZINE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	34349	1,2-DIPHENYLHYDRAZINE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0107	No	34349	1,2-DIPHENYLHYDRAZINE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	34349	1,2-DIPHENYLHYDRAZINE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34349	1,2-DIPHENYLHYDRAZINE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0137	No	34349	1,2-DIPHENYLHYDRAZINE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	34349	1,2-DIPHENYLHYDRAZINE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	34349	1,2-DIPHENYLHYDRAZINE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	34349	1,2-DIPHENYLHYDRAZINE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	34349	1,2-DIPHENYLHYDRAZINE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34349	1,2-DIPHENYLHYDRAZINE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0055	No	34351	ENDOSULFAN SULFATE TOTWUG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	34351	ENDOSULFAN SULFATE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0085	No	34351	ENDOSULFAN SULFATE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	34351	ENDOSULFAN SULFATE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	34351	ENDOSULFAN SULFATE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	34351	ENDOSULFAN SULFATE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	34351	ENDOSULFAN SULFATE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	34351	ENDOSULFAN SULFATE TOTWUG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	34351	ENDOSULFAN SULFATE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	34351	ENDOSULFAN SULFATE TOTWUG/L	08/21/92-01/04/93	0	2	
CHCH0163	No	34351	ENDOSULFAN SULFATE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	34351	ENDOSULFAN SULFATE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	34351	ENDOSULFAN SULFATE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	34351	ENDOSULFAN SULFATE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	34351	ENDOSULFAN SULFATE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	34351	ENDOSULFAN SULFATE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	34351	ENDOSULFAN SULFATE TOTWUG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	34351	ENDOSULFAN SULFATE TOTWUG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	34351	ENDOSULFAN SULFATE TOTWUG/L	06/03/92-03/02/93	0	3	
CHCH0354	No	34351	ENDOSULFAN SULFATE TOTWUG/L	08/03/82-08/03/82	0	1	
CHCH0459	No	34351	ENDOSULFAN SULFATE TOTWUG/L	07/31/92-03/12/93	0	3	
CHCH0055	No	34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	07/02/91-07/02/91	0	1	
CHCH0061	No	34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0107	No	34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0137	No	34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0169	No	34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0433	No	34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	05/30/90-08/17/95	5	6	
CHCH0313	No	34355	ENDOSULFAN SULFATE WET WGTTISMG/KG	10/24/86-11/20/91	5	37	
CHCH0431	No	34355	ENDOSULFAN SULFATE WET WGTTISMG/KG	11/06/90-10/14/92	1	11	
CHCH0055	No	34356	ENDOSULFAN, BETA TOTWUG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	34356	ENDOSULFAN, BETA TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0085	No	34356	ENDOSULFAN, BETA TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	34356	ENDOSULFAN, BETA TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	34356	ENDOSULFAN, BETA TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	34356	ENDOSULFAN, BETA TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	34356	ENDOSULFAN, BETA TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	34356	ENDOSULFAN, BETA TOTWUG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	34356	ENDOSULFAN, BETA TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	34356	ENDOSULFAN, BETA TOTWUG/L	08/21/92-01/04/93	0	2	
CHCH0163	No	34356	ENDOSULFAN, BETA TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	34356	ENDOSULFAN, BETA TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	34356	ENDOSULFAN, BETA TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	34356	ENDOSULFAN, BETA TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	34356	ENDOSULFAN, BETA TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	34356	ENDOSULFAN, BETA TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	34356	ENDOSULFAN, BETA TOTWUG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	34356	ENDOSULFAN, BETA TOTWUG/L	06/30/92-04/05/93	0	3	
CHCH0299	No	34356	ENDOSULFAN, BETA TOTWUG/L	08/03/82-08/03/82	0	1	
CHCH0326	No	34356	ENDOSULFAN, BETA TOTWUG/L	06/03/92-03/02/93	0	3	
CHCH0354	No	34356	ENDOSULFAN, BETA TOTWUG/L	08/03/82-05/02/84	1	3	
CHCH0459	No	34356	ENDOSULFAN, BETA TOTWUG/L	07/31/92-03/12/93	0	3	
CHCH0055	No	34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	07/02/91-07/02/91	0	1	
CHCH0061	No	34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0107	No	34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0137	No	34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0433	No	34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	05/30/90-08/17/95	5	6	
CHCH0313	No	34360	ENDOSULFAN, BETA WET WGTTISMG/KG	10/24/86-11/20/91	5	37	
CHCH0431	No	34360	ENDOSULFAN, BETA WET WGTTISMG/KG	11/06/90-10/14/92	1	11	
CHCH0055	No	34361	ENDOSULFAN, ALPHA TOTWUG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	34361	ENDOSULFAN, ALPHA TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0085	No	34361	ENDOSULFAN, ALPHA TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	34361	ENDOSULFAN, ALPHA TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	34361	ENDOSULFAN, ALPHA TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	34361	ENDOSULFAN, ALPHA TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	34361	ENDOSULFAN, ALPHA TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	34361	ENDOSULFAN, ALPHA TOTWUG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	34361	ENDOSULFAN, ALPHA TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	34361	ENDOSULFAN, ALPHA TOTWUG/L	08/21/92-01/04/93	0	2	
CHCH0163	No	34361	ENDOSULFAN, ALPHA TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	34361	ENDOSULFAN, ALPHA TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	34361	ENDOSULFAN, ALPHA TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	34361	ENDOSULFAN, ALPHA TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	34361	ENDOSULFAN, ALPHA TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	34361	ENDOSULFAN, ALPHA TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	34361	ENDOSULFAN, ALPHA TOTWUG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	34361	ENDOSULFAN, ALPHA TOTWUG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	34361	ENDOSULFAN, ALPHA TOTWUG/L	06/03/92-03/02/93	0	3	
CHCH0354	No	34361	ENDOSULFAN, ALPHA TOTWUG/L	08/03/82-05/02/84	1	3	
CHCH0459	No	34361	ENDOSULFAN, ALPHA TOTWUG/L	07/31/92-03/12/93	0	3	
CHCH0055	No	34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	07/02/91-07/02/91	0	1	
CHCH0061	No	34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0107	No	34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0137	No	34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0433	No	34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	05/30/90-08/17/95	5	6	
CHCH0313	No	34365	ENDOSULFAN, ALPHA WET WGTTISMG/KG	10/24/86-11/20/91	5	37	
CHCH0431	No	34365	ENDOSULFAN, ALPHA WET WGTTISMG/KG	11/06/90-10/14/92	1	11	
CHCH0055	No	34366	ENDRIN ALDEHYDE TOTWUG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	34366	ENDRIN ALDEHYDE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0085	No	34366	ENDRIN ALDEHYDE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	34366	ENDRIN ALDEHYDE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	34366	ENDRIN ALDEHYDE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	34366	ENDRIN ALDEHYDE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	34366	ENDRIN ALDEHYDE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	34366	ENDRIN ALDEHYDE TOTWUG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	34366	ENDRIN ALDEHYDE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	34366	ENDRIN ALDEHYDE TOTWUG/L	08/21/92-01/04/93	0	2	
CHCH0163	No	34366	ENDRIN ALDEHYDE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	34366	ENDRIN ALDEHYDE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	34366	ENDRIN ALDEHYDE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	34366	ENDRIN ALDEHYDE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	34366	ENDRIN ALDEHYDE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	34366	ENDRIN ALDEHYDE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	34366	ENDRIN ALDEHYDE TOTWUG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	34366	ENDRIN ALDEHYDE TOTWUG/L	06/30/92-04/05/93	0	3	
CHCH0299	No	34366	ENDRIN ALDEHYDE TOTWUG/L	08/03/82-08/03/82	0	1	
CHCH0326	No	34366	ENDRIN ALDEHYDE TOTWUG/L	06/03/92-03/02/93	0	3	
CHCH0354	No	34366	ENDRIN ALDEHYDE TOTWUG/L	08/03/82-05/02/84	1	3	
CHCH0459	No	34366	ENDRIN ALDEHYDE TOTWUG/L	07/31/92-03/12/93	0	3	
CHCH0055	No	34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	07/02/91-07/02/91	0	1	
CHCH0061	No	34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0107	No	34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0137	No	34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0433	No	34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	05/30/90-08/17/95	5	6	
CHCH0313	No	34370	ENDRIN ALDEHYDE WET WGTTISMG/KG	10/24/86-10/24/86	0	2	
CHCH0012	No	34371	ETHYLBENZENE TOTWUG/L	02/12/86-08/13/98	12	12	
CHCH0055	No	34371	ETHYLBENZENE TOTWUG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	34371	ETHYLBENZENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0065	No	34371	ETHYLBENZENE TOTWUG/L	09/23/91-09/23/91	0	1	
CHCH0085	No	34371	ETHYLBENZENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	34371	ETHYLBENZENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	34371	ETHYLBENZENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	34371	ETHYLBENZENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	34371	ETHYLBENZENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	34371	ETHYLBENZENE TOTWUG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	34371	ETHYLBENZENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	34371	ETHYLBENZENE TOTWUG/L	08/21/92-04/15/93	0	3	
CHCH0163	No	34371	ETHYLBENZENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	34371	ETHYLBENZENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	34371	ETHYLBENZENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	34371	ETHYLBENZENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	34371	ETHYLBENZENE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	34371	ETHYLBENZENE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	34371	ETHYLBENZENE TOTWUG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	34371	ETHYLBENZENE TOTWUG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	34371	ETHYLBENZENE TOTWUG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	34371	ETHYLBENZENE TOTWUG/L	07/31/92-03/12/93	0	3	
CHCH0061	No	34374	ETHYLBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	34374	ETHYLBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	34374	ETHYLBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0091	No	34374	ETHYLBENZENE DRY WGTBOTUG/KG	11/18/81-11/18/81	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0107	No	34374	ETHYLBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	34374	ETHYLBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34374	ETHYLBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0125	No	34374	ETHYLBENZENE DRY WGTBOTUG/KG	11/18/81-11/18/81	0	1	
CHCH0127	No	34374	ETHYLBENZENE DRY WGTBOTUG/KG	11/18/81-11/18/81	0	1	
CHCH0136	No	34374	ETHYLBENZENE DRY WGTBOTUG/KG	11/16/81-11/16/81	0	1	
CHCH0137	No	34374	ETHYLBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	2	
CHCH0142	No	34374	ETHYLBENZENE DRY WGTBOTUG/KG	11/16/81-11/16/81	0	1	
CHCH0154	No	34374	ETHYLBENZENE DRY WGTBOTUG/KG	11/16/81-11/16/81	0	1	
CHCH0156	No	34374	ETHYLBENZENE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0158	No	34374	ETHYLBENZENE DRY WGTBOTUG/KG	11/16/81-11/16/81	0	1	
CHCH0163	No	34374	ETHYLBENZENE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	34374	ETHYLBENZENE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	34374	ETHYLBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34374	ETHYLBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0055	No	34376	FLUORANTHENE TOTWUG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	34376	FLUORANTHENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0065	No	34376	FLUORANTHENE TOTWUG/L	09/23/91-09/23/91	0	1	
CHCH0085	No	34376	FLUORANTHENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	34376	FLUORANTHENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	34376	FLUORANTHENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	34376	FLUORANTHENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	34376	FLUORANTHENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	34376	FLUORANTHENE TOTWUG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	34376	FLUORANTHENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	34376	FLUORANTHENE TOTWUG/L	08/21/92-04/15/93	0	3	
CHCH0163	No	34376	FLUORANTHENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	34376	FLUORANTHENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	34376	FLUORANTHENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	34376	FLUORANTHENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	34376	FLUORANTHENE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	34376	FLUORANTHENE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	34376	FLUORANTHENE TOTWUG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	34376	FLUORANTHENE TOTWUG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	34376	FLUORANTHENE TOTWUG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	34376	FLUORANTHENE TOTWUG/L	07/31/92-03/12/93	0	3	
CHCH0061	No	34379	FLUORANTHENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0077	No	34379	FLUORANTHENE DRY WGTBOTUG/KG	10/06/82-10/06/82	0	1	
CHCH0085	No	34379	FLUORANTHENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	34379	FLUORANTHENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0091	No	34379	FLUORANTHENE DRY WGTBOTUG/KG	11/18/81-11/18/81	0	1	
CHCH0104	No	34379	FLUORANTHENE DRY WGTBOTUG/KG	11/18/81-11/18/81	0	1	
CHCH0107	No	34379	FLUORANTHENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	34379	FLUORANTHENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34379	FLUORANTHENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0125	No	34379	FLUORANTHENE DRY WGTBOTUG/KG	11/18/81-11/18/81	0	1	
CHCH0127	No	34379	FLUORANTHENE DRY WGTBOTUG/KG	11/18/81-11/18/81	0	1	
CHCH0135	No	34379	FLUORANTHENE DRY WGTBOTUG/KG	11/18/81-11/18/81	0	1	
CHCH0136	No	34379	FLUORANTHENE DRY WGTBOTUG/KG	11/16/81-11/18/81	0	2	
CHCH0137	No	34379	FLUORANTHENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	2	
CHCH0142	No	34379	FLUORANTHENE DRY WGTBOTUG/KG	11/16/81-11/16/81	0	1	
CHCH0143	No	34379	FLUORANTHENE DRY WGTBOTUG/KG	11/18/81-11/18/81	0	1	
CHCH0148	No	34379	FLUORANTHENE DRY WGTBOTUG/KG	11/16/81-11/16/81	0	1	
CHCH0154	No	34379	FLUORANTHENE DRY WGTBOTUG/KG	11/16/81-11/16/81	0	1	
CHCH0156	No	34379	FLUORANTHENE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0157	No	34379	FLUORANTHENE DRY WGTBOTUG/KG	11/16/81-11/16/81	0	1	
CHCH0158	No	34379	FLUORANTHENE DRY WGTBOTUG/KG	11/16/81-11/16/81	0	1	
CHCH0160	No	34379	FLUORANTHENE DRY WGTBOTUG/KG	11/16/81-11/16/81	0	1	
CHCH0163	No	34379	FLUORANTHENE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	34379	FLUORANTHENE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0173	No	34379	FLUORANTHENE DRY WGTBOTUG/KG	11/16/81-11/16/81	0	2	
CHCH0184	No	34379	FLUORANTHENE DRY WGTBOTUG/KG	11/16/81-11/16/81	0	1	
CHCH0188	No	34379	FLUORANTHENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34379	FLUORANTHENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0193	No	34379	FLUORANTHENE DRY WGTBOTUG/KG	11/16/81-11/16/81	0	1	
CHCH0055	No	34381	FLUORENE TOTWUG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	34381	FLUORENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0065	No	34381	FLUORENE TOTWUG/L	09/23/91-09/23/91	0	1	
CHCH0077	No	34381	FLUORENE TOTWUG/L	10/06/82-10/06/82	0	1	
CHCH0085	No	34381	FLUORENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	34381	FLUORENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	34381	FLUORENE TOTWUG/L	09/10/80-09/10/80	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0111	No	34381	FLUORENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	34381	FLUORENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	34381	FLUORENE TOTWUG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	34381	FLUORENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	34381	FLUORENE TOTWUG/L	08/21/92-04/15/93	0	3	
CHCH0163	No	34381	FLUORENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	34381	FLUORENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	34381	FLUORENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	34381	FLUORENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	34381	FLUORENE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	34381	FLUORENE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	34381	FLUORENE TOTWUG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	34381	FLUORENE TOTWUG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	34381	FLUORENE TOTWUG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	34381	FLUORENE TOTWUG/L	07/31/92-03/12/93	0	3	
CHCH0061	No	34384	FLUORENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	34384	FLUORENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	34384	FLUORENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0091	No	34384	FLUORENE DRY WGTBOTUG/KG	11/18/81-11/18/81	0	1	
CHCH0104	No	34384	FLUORENE DRY WGTBOTUG/KG	11/18/81-11/18/81	0	1	
CHCH0107	No	34384	FLUORENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	34384	FLUORENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34384	FLUORENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0125	No	34384	FLUORENE DRY WGTBOTUG/KG	11/18/81-11/18/81	0	1	
CHCH0127	No	34384	FLUORENE DRY WGTBOTUG/KG	11/18/81-11/18/81	0	1	
CHCH0135	No	34384	FLUORENE DRY WGTBOTUG/KG	11/18/81-11/18/81	0	1	
CHCH0136	No	34384	FLUORENE DRY WGTBOTUG/KG	11/16/81-11/18/81	0	2	
CHCH0137	No	34384	FLUORENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	2	
CHCH0142	No	34384	FLUORENE DRY WGTBOTUG/KG	11/16/81-11/16/81	0	1	
CHCH0143	No	34384	FLUORENE DRY WGTBOTUG/KG	11/18/81-11/18/81	0	1	
CHCH0148	No	34384	FLUORENE DRY WGTBOTUG/KG	11/16/81-11/16/81	0	1	
CHCH0154	No	34384	FLUORENE DRY WGTBOTUG/KG	11/16/81-11/16/81	0	1	
CHCH0156	No	34384	FLUORENE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0157	No	34384	FLUORENE DRY WGTBOTUG/KG	11/16/81-11/16/81	0	1	
CHCH0158	No	34384	FLUORENE DRY WGTBOTUG/KG	11/16/81-11/16/81	0	1	
CHCH0160	No	34384	FLUORENE DRY WGTBOTUG/KG	11/16/81-11/16/81	0	1	
CHCH0163	No	34384	FLUORENE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	34384	FLUORENE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0173	No	34384	FLUORENE DRY WGTBOTUG/KG	11/16/81-11/16/81	0	2	
CHCH0184	No	34384	FLUORENE DRY WGTBOTUG/KG	11/16/81-11/16/81	0	1	
CHCH0188	No	34384	FLUORENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34384	FLUORENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0193	No	34384	FLUORENE DRY WGTBOTUG/KG	11/16/81-11/16/81	0	1	
CHCH0055	No	34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0065	No	34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	09/23/91-09/23/91	0	1	
CHCH0085	No	34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	08/21/92-04/15/93	0	3	
CHCH0163	No	34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	07/31/92-03/12/93	0	3	
CHCH0061	No	34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0107	No	34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0137	No	34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0163	No	34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0061	No	34391	HEXACHLOROBUTADIENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0085	No	34391	HEXACHLOROBUTADIENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	34391	HEXACHLOROBUTADIENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	34391	HEXACHLOROBUTADIENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	34391	HEXACHLOROBUTADIENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	34391	HEXACHLOROBUTADIENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	34391	HEXACHLOROBUTADIENE TOTWUG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	34391	HEXACHLOROBUTADIENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0163	No	34391	HEXACHLOROBUTADIENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	34391	HEXACHLOROBUTADIENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	34391	HEXACHLOROBUTADIENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	34391	HEXACHLOROBUTADIENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0314	No	34395	HEXACHLOROBUTADIENE WET WGTTISMG/KG	07/07/87-08/19/87	0	2	
CHCH0055	No	34396	HEXACHLOROETHANE TOTWUG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	34396	HEXACHLOROETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0065	No	34396	HEXACHLOROETHANE TOTWUG/L	09/23/91-09/23/91	0	1	
CHCH0085	No	34396	HEXACHLOROETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	34396	HEXACHLOROETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	34396	HEXACHLOROETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	34396	HEXACHLOROETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	34396	HEXACHLOROETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	34396	HEXACHLOROETHANE TOTWUG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	34396	HEXACHLOROETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	34396	HEXACHLOROETHANE TOTWUG/L	08/21/92-04/15/93	0	3	
CHCH0163	No	34396	HEXACHLOROETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	34396	HEXACHLOROETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	34396	HEXACHLOROETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	34396	HEXACHLOROETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	34396	HEXACHLOROETHANE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	34396	HEXACHLOROETHANE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	34396	HEXACHLOROETHANE TOTWUG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	34396	HEXACHLOROETHANE TOTWUG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	34396	HEXACHLOROETHANE TOTWUG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	34396	HEXACHLOROETHANE TOTWUG/L	07/31/92-03/12/93	0	3	
CHCH0061	No	34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0107	No	34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0137	No	34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0055	No	34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0065	No	34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	09/23/91-09/23/91	0	1	
CHCH0085	No	34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	08/21/92-04/15/93	0	3	
CHCH0163	No	34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	07/31/92-03/12/93	0	3	
CHCH0061	No	34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0085	No	34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0107	No	34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0137	No	34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0055	No	34408	ISOPHORONE TOTWUG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	34408	ISOPHORONE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0065	No	34408	ISOPHORONE TOTWUG/L	09/23/91-09/23/91	0	1	
CHCH0085	No	34408	ISOPHORONE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	34408	ISOPHORONE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	34408	ISOPHORONE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	34408	ISOPHORONE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	34408	ISOPHORONE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	34408	ISOPHORONE TOTWUG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	34408	ISOPHORONE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	34408	ISOPHORONE TOTWUG/L	08/21/92-04/15/93	0	3	
CHCH0163	No	34408	ISOPHORONE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	34408	ISOPHORONE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	34408	ISOPHORONE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	34408	ISOPHORONE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	34408	ISOPHORONE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	34408	ISOPHORONE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	34408	ISOPHORONE TOTWUG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	34408	ISOPHORONE TOTWUG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	34408	ISOPHORONE TOTWUG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	34408	ISOPHORONE TOTWUG/L	07/31/92-03/12/93	0	3	
CHCH0061	No	34411	ISOPHORONE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	34411	ISOPHORONE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	34411	ISOPHORONE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0107	No	34411	ISOPHORONE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	34411	ISOPHORONE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34411	ISOPHORONE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0137	No	34411	ISOPHORONE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	34411	ISOPHORONE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	34411	ISOPHORONE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	34411	ISOPHORONE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	34411	ISOPHORONE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34411	ISOPHORONE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0012	No	34413	METHYL BROMIDE TOTWUG/L	01/30/90-08/13/98	8	6	
CHCH0055	No	34413	METHYL BROMIDE TOTWUG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	34413	METHYL BROMIDE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0065	No	34413	METHYL BROMIDE TOTWUG/L	09/23/91-09/23/91	0	1	
CHCH0085	No	34413	METHYL BROMIDE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	34413	METHYL BROMIDE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	34413	METHYL BROMIDE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	34413	METHYL BROMIDE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	34413	METHYL BROMIDE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	34413	METHYL BROMIDE TOTWUG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	34413	METHYL BROMIDE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	34413	METHYL BROMIDE TOTWUG/L	08/21/92-04/15/93	0	3	
CHCH0163	No	34413	METHYL BROMIDE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	34413	METHYL BROMIDE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	34413	METHYL BROMIDE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	34413	METHYL BROMIDE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	34413	METHYL BROMIDE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	34413	METHYL BROMIDE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	34413	METHYL BROMIDE TOTWUG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	34413	METHYL BROMIDE TOTWUG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	34413	METHYL BROMIDE TOTWUG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	34413	METHYL BROMIDE TOTWUG/L	07/31/92-03/12/93	0	3	
CHCH0061	No	34416	METHYL BROMIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	34416	METHYL BROMIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	34416	METHYL BROMIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0107	No	34416	METHYL BROMIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	34416	METHYL BROMIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34416	METHYL BROMIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0137	No	34416	METHYL BROMIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	34416	METHYL BROMIDE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	34416	METHYL BROMIDE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	34416	METHYL BROMIDE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	34416	METHYL BROMIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34416	METHYL BROMIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0012	No	34418	METHYL CHLORIDE TOTWUG/L	01/30/90-08/13/98	8	6	
CHCH0055	No	34418	METHYL CHLORIDE TOTWUG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	34418	METHYL CHLORIDE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0065	No	34418	METHYL CHLORIDE TOTWUG/L	09/23/91-09/23/91	0	1	
CHCH0085	No	34418	METHYL CHLORIDE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	34418	METHYL CHLORIDE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	34418	METHYL CHLORIDE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	34418	METHYL CHLORIDE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	34418	METHYL CHLORIDE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	34418	METHYL CHLORIDE TOTWUG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	34418	METHYL CHLORIDE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	34418	METHYL CHLORIDE TOTWUG/L	08/21/92-04/15/93	0	3	
CHCH0163	No	34418	METHYL CHLORIDE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	34418	METHYL CHLORIDE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	34418	METHYL CHLORIDE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	34418	METHYL CHLORIDE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	34418	METHYL CHLORIDE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	34418	METHYL CHLORIDE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	34418	METHYL CHLORIDE TOTWUG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	34418	METHYL CHLORIDE TOTWUG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	34418	METHYL CHLORIDE TOTWUG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	34418	METHYL CHLORIDE TOTWUG/L	07/31/92-03/12/93	0	3	
CHCH0061	No	34421	METHYL CHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	34421	METHYL CHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	34421	METHYL CHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0107	No	34421	METHYL CHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	34421	METHYL CHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34421	METHYL CHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0137	No	34421	METHYL CHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	34421	METHYL CHLORIDE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	34421	METHYL CHLORIDE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	34421	METHYL CHLORIDE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	34421	METHYL CHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34421	METHYL CHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0012	No	34423	METHYLENE CHLORIDE TOTWUG/L	02/12/86-08/13/98	12	12	
CHCH0055	No	34423	METHYLENE CHLORIDE TOTWUG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	34423	METHYLENE CHLORIDE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0065	No	34423	METHYLENE CHLORIDE TOTWUG/L	09/23/91-09/23/91	0	1	
CHCH0085	No	34423	METHYLENE CHLORIDE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	34423	METHYLENE CHLORIDE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	34423	METHYLENE CHLORIDE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	34423	METHYLENE CHLORIDE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	34423	METHYLENE CHLORIDE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	34423	METHYLENE CHLORIDE TOTWUG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	34423	METHYLENE CHLORIDE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	34423	METHYLENE CHLORIDE TOTWUG/L	08/21/92-04/15/93	0	3	
CHCH0163	No	34423	METHYLENE CHLORIDE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	34423	METHYLENE CHLORIDE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	34423	METHYLENE CHLORIDE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	34423	METHYLENE CHLORIDE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	34423	METHYLENE CHLORIDE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	34423	METHYLENE CHLORIDE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	34423	METHYLENE CHLORIDE TOTWUG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	34423	METHYLENE CHLORIDE TOTWUG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	34423	METHYLENE CHLORIDE TOTWUG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	34423	METHYLENE CHLORIDE TOTWUG/L	07/31/92-03/12/93	0	3	
CHCH0061	No	34426	METHYLENE CHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	34426	METHYLENE CHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	34426	METHYLENE CHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0107	No	34426	METHYLENE CHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	34426	METHYLENE CHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34426	METHYLENE CHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0137	No	34426	METHYLENE CHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	34426	METHYLENE CHLORIDE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	34426	METHYLENE CHLORIDE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	34426	METHYLENE CHLORIDE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0188	No	34426	METHYLENE CHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34426	METHYLENE CHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0055	No	34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0065	No	34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	09/23/91-09/23/91	0	1	
CHCH0085	No	34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	08/21/92-04/15/93	0	3	
CHCH0163	No	34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	07/31/92-03/12/93	0	3	
CHCH0061	No	34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0107	No	34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0137	No	34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0055	No	34433	N-NITROSODIPHENYLAMINE TOTWUG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	34433	N-NITROSODIPHENYLAMINE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0065	No	34433	N-NITROSODIPHENYLAMINE TOTWUG/L	09/23/91-09/23/91	0	1	
CHCH0085	No	34433	N-NITROSODIPHENYLAMINE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	34433	N-NITROSODIPHENYLAMINE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	34433	N-NITROSODIPHENYLAMINE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	34433	N-NITROSODIPHENYLAMINE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	34433	N-NITROSODIPHENYLAMINE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	34433	N-NITROSODIPHENYLAMINE TOTWUG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	34433	N-NITROSODIPHENYLAMINE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	34433	N-NITROSODIPHENYLAMINE TOTWUG/L	08/21/92-04/15/93	0	3	
CHCH0163	No	34433	N-NITROSODIPHENYLAMINE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	34433	N-NITROSODIPHENYLAMINE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	34433	N-NITROSODIPHENYLAMINE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	34433	N-NITROSODIPHENYLAMINE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	34433	N-NITROSODIPHENYLAMINE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	34433	N-NITROSODIPHENYLAMINE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	34433	N-NITROSODIPHENYLAMINE TOTWUG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	34433	N-NITROSODIPHENYLAMINE TOTWUG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	34433	N-NITROSODIPHENYLAMINE TOTWUG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	34433	N-NITROSODIPHENYLAMINE TOTWUG/L	07/31/92-03/12/93	0	3	
CHCH0061	No	34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0107	No	34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0137	No	34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0055	No	34438	N-NITROSODIMETHYLAMINE TOTWUG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	34438	N-NITROSODIMETHYLAMINE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0065	No	34438	N-NITROSODIMETHYLAMINE TOTWUG/L	09/23/91-09/23/91	0	1	
CHCH0085	No	34438	N-NITROSODIMETHYLAMINE TOTWUG/L	09/10/80-09/10/80	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0090	No	34438	N-NITROSODIMETHYLAMINE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	34438	N-NITROSODIMETHYLAMINE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	34438	N-NITROSODIMETHYLAMINE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	34438	N-NITROSODIMETHYLAMINE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	34438	N-NITROSODIMETHYLAMINE TOTWUG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	34438	N-NITROSODIMETHYLAMINE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	34438	N-NITROSODIMETHYLAMINE TOTWUG/L	08/21/92-04/15/93	0	3	
CHCH0163	No	34438	N-NITROSODIMETHYLAMINE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	34438	N-NITROSODIMETHYLAMINE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	34438	N-NITROSODIMETHYLAMINE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	34438	N-NITROSODIMETHYLAMINE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0245	No	34438	N-NITROSODIMETHYLAMINE TOTWUG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	34438	N-NITROSODIMETHYLAMINE TOTWUG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	34438	N-NITROSODIMETHYLAMINE TOTWUG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	34438	N-NITROSODIMETHYLAMINE TOTWUG/L	07/31/92-03/12/93	0	3	
CHCH0061	No	34441	N-NITROSODIMETHYLAMINE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	34441	N-NITROSODIMETHYLAMINE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	34441	N-NITROSODIMETHYLAMINE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0107	No	34441	N-NITROSODIMETHYLAMINE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	34441	N-NITROSODIMETHYLAMINE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34441	N-NITROSODIMETHYLAMINE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0137	No	34441	N-NITROSODIMETHYLAMINE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	34441	N-NITROSODIMETHYLAMINE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	34441	N-NITROSODIMETHYLAMINE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	34441	N-NITROSODIMETHYLAMINE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	34441	N-NITROSODIMETHYLAMINE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34441	N-NITROSODIMETHYLAMINE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0061	No	34445	NAPHTHALENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0077	No	34445	NAPHTHALENE DRY WGTBOTUG/KG	10/06/82-10/06/82	0	1	
CHCH0085	No	34445	NAPHTHALENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	34445	NAPHTHALENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0107	No	34445	NAPHTHALENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	34445	NAPHTHALENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34445	NAPHTHALENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0125	No	34445	NAPHTHALENE DRY WGTBOTUG/KG	11/18/81-11/18/81	0	1	
CHCH0127	No	34445	NAPHTHALENE DRY WGTBOTUG/KG	11/18/81-11/18/81	0	1	
CHCH0136	No	34445	NAPHTHALENE DRY WGTBOTUG/KG	11/16/81-11/16/81	0	1	
CHCH0137	No	34445	NAPHTHALENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	2	
CHCH0154	No	34445	NAPHTHALENE DRY WGTBOTUG/KG	11/16/81-11/16/81	0	1	
CHCH0156	No	34445	NAPHTHALENE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	34445	NAPHTHALENE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	34445	NAPHTHALENE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	34445	NAPHTHALENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34445	NAPHTHALENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0055	No	34447	NITROBENZENE TOTWUG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	34447	NITROBENZENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0065	No	34447	NITROBENZENE TOTWUG/L	09/23/91-09/23/91	0	1	
CHCH0085	No	34447	NITROBENZENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	34447	NITROBENZENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	34447	NITROBENZENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	34447	NITROBENZENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	34447	NITROBENZENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	34447	NITROBENZENE TOTWUG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	34447	NITROBENZENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	34447	NITROBENZENE TOTWUG/L	08/21/92-04/15/93	0	3	
CHCH0163	No	34447	NITROBENZENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	34447	NITROBENZENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	34447	NITROBENZENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	34447	NITROBENZENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	34447	NITROBENZENE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	34447	NITROBENZENE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	34447	NITROBENZENE TOTWUG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	34447	NITROBENZENE TOTWUG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	34447	NITROBENZENE TOTWUG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	34447	NITROBENZENE TOTWUG/L	07/31/92-03/12/93	0	3	
CHCH0061	No	34450	NITROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	34450	NITROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	34450	NITROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0107	No	34450	NITROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	34450	NITROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34450	NITROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0137	No	34450	NITROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	2	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0156	No	34450	NITROBENZENE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	34450	NITROBENZENE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	34450	NITROBENZENE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	34450	NITROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34450	NITROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0055	No	34452	PARACHLOROMETA CRESOL TOTWUG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	34452	PARACHLOROMETA CRESOL TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0065	No	34452	PARACHLOROMETA CRESOL TOTWUG/L	09/23/91-09/23/91	0	1	
CHCH0085	No	34452	PARACHLOROMETA CRESOL TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	34452	PARACHLOROMETA CRESOL TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	34452	PARACHLOROMETA CRESOL TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	34452	PARACHLOROMETA CRESOL TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	34452	PARACHLOROMETA CRESOL TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	34452	PARACHLOROMETA CRESOL TOTWUG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	34452	PARACHLOROMETA CRESOL TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	34452	PARACHLOROMETA CRESOL TOTWUG/L	08/21/92-04/15/93	0	3	
CHCH0163	No	34452	PARACHLOROMETA CRESOL TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	34452	PARACHLOROMETA CRESOL TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	34452	PARACHLOROMETA CRESOL TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	34452	PARACHLOROMETA CRESOL TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	34452	PARACHLOROMETA CRESOL TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	34452	PARACHLOROMETA CRESOL TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	34452	PARACHLOROMETA CRESOL TOTWUG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	34452	PARACHLOROMETA CRESOL TOTWUG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	34452	PARACHLOROMETA CRESOL TOTWUG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	34452	PARACHLOROMETA CRESOL TOTWUG/L	07/31/92-03/12/93	0	3	
CHCH0061	No	34455	PARACHLOROMETA CRESOL DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	34455	PARACHLOROMETA CRESOL DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	34455	PARACHLOROMETA CRESOL DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	34455	PARACHLOROMETA CRESOL DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34455	PARACHLOROMETA CRESOL DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0137	No	34455	PARACHLOROMETA CRESOL DRY WGTBOTUG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	34455	PARACHLOROMETA CRESOL DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	34455	PARACHLOROMETA CRESOL DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	34455	PARACHLOROMETA CRESOL DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	34455	PARACHLOROMETA CRESOL DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34455	PARACHLOROMETA CRESOL DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0055	No	34461	PHENANTHRENE TOTWUG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	34461	PHENANTHRENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0065	No	34461	PHENANTHRENE TOTWUG/L	09/23/91-09/23/91	0	1	
CHCH0085	No	34461	PHENANTHRENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	34461	PHENANTHRENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	34461	PHENANTHRENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	34461	PHENANTHRENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	34461	PHENANTHRENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	34461	PHENANTHRENE TOTWUG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	34461	PHENANTHRENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	34461	PHENANTHRENE TOTWUG/L	08/21/92-04/15/93	0	3	
CHCH0163	No	34461	PHENANTHRENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	34461	PHENANTHRENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0171	No	34461	PHENANTHRENE TOTWUG/L	08/21/76-08/21/76	0	1	
CHCH0188	No	34461	PHENANTHRENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	34461	PHENANTHRENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	34461	PHENANTHRENE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	34461	PHENANTHRENE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	34461	PHENANTHRENE TOTWUG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	34461	PHENANTHRENE TOTWUG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	34461	PHENANTHRENE TOTWUG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	34461	PHENANTHRENE TOTWUG/L	07/31/92-03/12/93	0	3	
CHCH0061	No	34464	PHENANTHRENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	34464	PHENANTHRENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	34464	PHENANTHRENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0107	No	34464	PHENANTHRENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	34464	PHENANTHRENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34464	PHENANTHRENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0125	No	34464	PHENANTHRENE DRY WGTBOTUG/KG	11/18/81-11/18/81	0	1	
CHCH0127	No	34464	PHENANTHRENE DRY WGTBOTUG/KG	11/18/81-11/18/81	0	1	
CHCH0136	No	34464	PHENANTHRENE DRY WGTBOTUG/KG	11/16/81-11/16/81	0	1	
CHCH0137	No	34464	PHENANTHRENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	2	
CHCH0142	No	34464	PHENANTHRENE DRY WGTBOTUG/KG	11/16/81-11/16/81	0	1	
CHCH0143	No	34464	PHENANTHRENE DRY WGTBOTUG/KG	11/18/81-11/18/81	0	1	
CHCH0148	No	34464	PHENANTHRENE DRY WGTBOTUG/KG	11/16/81-11/16/81	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0154	No	34464	PHENANTHRENE DRY WGTBOTUG/KG	11/16/81-11/16/81	0	1	
CHCH0156	No	34464	PHENANTHRENE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0158	No	34464	PHENANTHRENE DRY WGTBOTUG/KG	11/16/81-11/16/81	0	1	
CHCH0163	No	34464	PHENANTHRENE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	34464	PHENANTHRENE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0173	No	34464	PHENANTHRENE DRY WGTBOTUG/KG	11/16/81-11/16/81	0	1	
CHCH0188	No	34464	PHENANTHRENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34464	PHENANTHRENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0055	No	34469	PYRENE TOTWUG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	34469	PYRENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0065	No	34469	PYRENE TOTWUG/L	09/23/91-09/23/91	0	1	
CHCH0085	No	34469	PYRENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	34469	PYRENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	34469	PYRENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	34469	PYRENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	34469	PYRENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	34469	PYRENE TOTWUG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	34469	PYRENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	34469	PYRENE TOTWUG/L	08/21/92-04/15/93	0	3	
CHCH0163	No	34469	PYRENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	34469	PYRENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0171	No	34469	PYRENE TOTWUG/L	08/21/76-08/21/76	0	1	
CHCH0188	No	34469	PYRENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	34469	PYRENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	34469	PYRENE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	34469	PYRENE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	34469	PYRENE TOTWUG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	34469	PYRENE TOTWUG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	34469	PYRENE TOTWUG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	34469	PYRENE TOTWUG/L	07/31/92-03/12/93	0	3	
CHCH0061	No	34472	PYRENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0077	No	34472	PYRENE DRY WGTBOTUG/KG	10/06/82-10/06/82	0	1	
CHCH0085	No	34472	PYRENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	34472	PYRENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0091	No	34472	PYRENE DRY WGTBOTUG/KG	11/18/81-11/18/81	0	1	
CHCH0107	No	34472	PYRENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	34472	PYRENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34472	PYRENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0125	No	34472	PYRENE DRY WGTBOTUG/KG	11/18/81-11/18/81	0	1	
CHCH0127	No	34472	PYRENE DRY WGTBOTUG/KG	11/18/81-11/18/81	0	1	
CHCH0135	No	34472	PYRENE DRY WGTBOTUG/KG	11/18/81-11/18/81	0	1	
CHCH0136	No	34472	PYRENE DRY WGTBOTUG/KG	11/16/81-11/18/81	0	2	
CHCH0137	No	34472	PYRENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	2	
CHCH0142	No	34472	PYRENE DRY WGTBOTUG/KG	11/16/81-11/16/81	0	1	
CHCH0143	No	34472	PYRENE DRY WGTBOTUG/KG	11/18/81-11/18/81	0	1	
CHCH0148	No	34472	PYRENE DRY WGTBOTUG/KG	11/16/81-11/16/81	0	1	
CHCH0154	No	34472	PYRENE DRY WGTBOTUG/KG	11/16/81-11/16/81	0	1	
CHCH0156	No	34472	PYRENE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0157	No	34472	PYRENE DRY WGTBOTUG/KG	11/16/81-11/16/81	0	1	
CHCH0158	No	34472	PYRENE DRY WGTBOTUG/KG	11/16/81-11/16/81	0	1	
CHCH0160	No	34472	PYRENE DRY WGTBOTUG/KG	11/16/81-11/16/81	0	1	
CHCH0163	No	34472	PYRENE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	34472	PYRENE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0173	No	34472	PYRENE DRY WGTBOTUG/KG	11/16/81-11/16/81	0	1	
CHCH0188	No	34472	PYRENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34472	PYRENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0313	No	34474	SILVER WET WGTTISMG/KG	10/24/86-10/24/86	0	2	
CHCH0012	No	34475	TETRACHLOROETHYLENE TOTWUG/L	02/12/86-08/13/98	12	12	
CHCH0055	No	34475	TETRACHLOROETHYLENE TOTWUG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	34475	TETRACHLOROETHYLENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0065	No	34475	TETRACHLOROETHYLENE TOTWUG/L	09/23/91-09/23/91	0	1	
CHCH0085	No	34475	TETRACHLOROETHYLENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	34475	TETRACHLOROETHYLENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	34475	TETRACHLOROETHYLENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	34475	TETRACHLOROETHYLENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	34475	TETRACHLOROETHYLENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	34475	TETRACHLOROETHYLENE TOTWUG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	34475	TETRACHLOROETHYLENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	34475	TETRACHLOROETHYLENE TOTWUG/L	08/21/92-04/15/93	0	3	
CHCH0163	No	34475	TETRACHLOROETHYLENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	34475	TETRACHLOROETHYLENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0171	No	34475	TETRACHLOROETHYLENE TOTWUG/L	08/21/76-08/21/76	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0188	No	34475	TETRACHLOROETHYLENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	34475	TETRACHLOROETHYLENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	34475	TETRACHLOROETHYLENE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	34475	TETRACHLOROETHYLENE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	34475	TETRACHLOROETHYLENE TOTWUG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	34475	TETRACHLOROETHYLENE TOTWUG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	34475	TETRACHLOROETHYLENE TOTWUG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	34475	TETRACHLOROETHYLENE TOTWUG/L	07/31/92-03/12/93	0	3	
CHCH0061	No	34478	TETRACHLOROETHYLENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	34478	TETRACHLOROETHYLENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	34478	TETRACHLOROETHYLENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0107	No	34478	TETRACHLOROETHYLENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	34478	TETRACHLOROETHYLENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34478	TETRACHLOROETHYLENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0137	No	34478	TETRACHLOROETHYLENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	34478	TETRACHLOROETHYLENE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	34478	TETRACHLOROETHYLENE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	34478	TETRACHLOROETHYLENE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	34478	TETRACHLOROETHYLENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34478	TETRACHLOROETHYLENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0055	No	34480	THALLIUM DRY WGTBOTMG/KG	07/02/91-07/02/91	0	1	
CHCH0061	No	34480	THALLIUM DRY WGTBOTMG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	34480	THALLIUM DRY WGTBOTMG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	34480	THALLIUM DRY WGTBOTMG/KG	09/11/80-09/11/80	0	1	
CHCH0107	No	34480	THALLIUM DRY WGTBOTMG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	34480	THALLIUM DRY WGTBOTMG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34480	THALLIUM DRY WGTBOTMG/KG	09/11/80-09/11/80	0	1	
CHCH0137	No	34480	THALLIUM DRY WGTBOTMG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	34480	THALLIUM DRY WGTBOTMG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	34480	THALLIUM DRY WGTBOTMG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	34480	THALLIUM DRY WGTBOTMG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	34480	THALLIUM DRY WGTBOTMG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34480	THALLIUM DRY WGTBOTMG/KG	09/11/80-09/11/80	0	1	
CHCH0061	No	34483	TOLUENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	34483	TOLUENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	34483	TOLUENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0107	No	34483	TOLUENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	34483	TOLUENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34483	TOLUENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0125	No	34483	TOLUENE DRY WGTBOTUG/KG	11/18/81-11/18/81	0	1	
CHCH0127	No	34483	TOLUENE DRY WGTBOTUG/KG	11/18/81-11/18/81	0	1	
CHCH0136	No	34483	TOLUENE DRY WGTBOTUG/KG	11/16/81-11/16/81	0	1	
CHCH0137	No	34483	TOLUENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	2	
CHCH0142	No	34483	TOLUENE DRY WGTBOTUG/KG	11/16/81-11/16/81	0	1	
CHCH0154	No	34483	TOLUENE DRY WGTBOTUG/KG	11/16/81-11/16/81	0	1	
CHCH0156	No	34483	TOLUENE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0160	No	34483	TOLUENE DRY WGTBOTUG/KG	11/16/81-11/16/81	0	1	
CHCH0163	No	34483	TOLUENE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	34483	TOLUENE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	34483	TOLUENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34483	TOLUENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0061	No	34487	TRICHLOROETHYLENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	34487	TRICHLOROETHYLENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	34487	TRICHLOROETHYLENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0107	No	34487	TRICHLOROETHYLENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	34487	TRICHLOROETHYLENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34487	TRICHLOROETHYLENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0137	No	34487	TRICHLOROETHYLENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	34487	TRICHLOROETHYLENE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	34487	TRICHLOROETHYLENE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	34487	TRICHLOROETHYLENE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	34487	TRICHLOROETHYLENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34487	TRICHLOROETHYLENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0012	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	02/12/86-08/13/98	12	12	
CHCH0055	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0065	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	09/23/91-09/23/91	0	1	
CHCH0085	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	09/10/80-09/10/80	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0137	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	08/21/92-04/15/93	0	3	
CHCH0163	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	07/31/92-03/12/93	0	3	
CHCH0061	No	34491	TRICHLOROFLUOROMETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	34491	TRICHLOROFLUOROMETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	34491	TRICHLOROFLUOROMETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0107	No	34491	TRICHLOROFLUOROMETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	34491	TRICHLOROFLUOROMETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34491	TRICHLOROFLUOROMETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0137	No	34491	TRICHLOROFLUOROMETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	34491	TRICHLOROFLUOROMETHANE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	34491	TRICHLOROFLUOROMETHANE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	34491	TRICHLOROFLUOROMETHANE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	34491	TRICHLOROFLUOROMETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34491	TRICHLOROFLUOROMETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0061	No	34495	VINYL CHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	34495	VINYL CHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	34495	VINYL CHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0107	No	34495	VINYL CHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	34495	VINYL CHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34495	VINYL CHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0137	No	34495	VINYL CHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	34495	VINYL CHLORIDE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	34495	VINYL CHLORIDE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	34495	VINYL CHLORIDE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	34495	VINYL CHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34495	VINYL CHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0012	No	34496	1,1-DICHLOROETHANE TOTWUG/L	02/12/86-08/13/98	12	12	
CHCH0055	No	34496	1,1-DICHLOROETHANE TOTWUG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	34496	1,1-DICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0065	No	34496	1,1-DICHLOROETHANE TOTWUG/L	09/23/91-09/23/91	0	1	
CHCH0085	No	34496	1,1-DICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	34496	1,1-DICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	34496	1,1-DICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	34496	1,1-DICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	34496	1,1-DICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	34496	1,1-DICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	34496	1,1-DICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	34496	1,1-DICHLOROETHANE TOTWUG/L	08/21/92-04/15/93	0	3	
CHCH0163	No	34496	1,1-DICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	34496	1,1-DICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	34496	1,1-DICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	34496	1,1-DICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	34496	1,1-DICHLOROETHANE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	34496	1,1-DICHLOROETHANE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	34496	1,1-DICHLOROETHANE TOTWUG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	34496	1,1-DICHLOROETHANE TOTWUG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	34496	1,1-DICHLOROETHANE TOTWUG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	34496	1,1-DICHLOROETHANE TOTWUG/L	07/31/92-03/12/93	0	3	
CHCH0061	No	34499	1,1-DICHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	34499	1,1-DICHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	34499	1,1-DICHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0107	No	34499	1,1-DICHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	34499	1,1-DICHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34499	1,1-DICHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0137	No	34499	1,1-DICHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	34499	1,1-DICHLOROETHANE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	34499	1,1-DICHLOROETHANE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	34499	1,1-DICHLOROETHANE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	34499	1,1-DICHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34499	1,1-DICHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0012	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	02/12/86-08/13/98	12	12	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0055	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0065	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	09/23/91-09/23/91	0	1	
CHCH0085	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	08/21/92-04/15/93	0	3	
CHCH0163	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	07/31/92-03/12/93	0	3	
CHCH0061	No	34504	1,1-DICHLOROETHYLENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	34504	1,1-DICHLOROETHYLENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	34504	1,1-DICHLOROETHYLENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0107	No	34504	1,1-DICHLOROETHYLENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	34504	1,1-DICHLOROETHYLENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34504	1,1-DICHLOROETHYLENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0137	No	34504	1,1-DICHLOROETHYLENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	34504	1,1-DICHLOROETHYLENE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	34504	1,1-DICHLOROETHYLENE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	34504	1,1-DICHLOROETHYLENE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	34504	1,1-DICHLOROETHYLENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34504	1,1-DICHLOROETHYLENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0012	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	02/12/86-08/13/98	12	12	
CHCH0055	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0065	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	09/23/91-09/23/91	0	1	
CHCH0085	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	08/21/92-04/15/93	0	3	
CHCH0163	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0171	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	08/21/76-08/21/76	0	1	
CHCH0188	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	07/31/92-03/12/93	0	3	
CHCH0061	No	34509	1,1,1-TRICHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	34509	1,1,1-TRICHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	34509	1,1,1-TRICHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0107	No	34509	1,1,1-TRICHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	34509	1,1,1-TRICHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34509	1,1,1-TRICHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0137	No	34509	1,1,1-TRICHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	34509	1,1,1-TRICHLOROETHANE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	34509	1,1,1-TRICHLOROETHANE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	34509	1,1,1-TRICHLOROETHANE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	34509	1,1,1-TRICHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34509	1,1,1-TRICHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0012	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	02/12/86-08/13/98	12	12	
CHCH0055	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0065	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	09/23/91-09/23/91	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0085	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	08/21/92-04/15/93	0	3	
CHCH0163	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	07/31/92-03/12/93	0	3	
CHCH0061	No	34514	1,1,2-TRICHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	34514	1,1,2-TRICHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	34514	1,1,2-TRICHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0107	No	34514	1,1,2-TRICHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	34514	1,1,2-TRICHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34514	1,1,2-TRICHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0137	No	34514	1,1,2-TRICHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	34514	1,1,2-TRICHLOROETHANE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	34514	1,1,2-TRICHLOROETHANE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	34514	1,1,2-TRICHLOROETHANE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	34514	1,1,2-TRICHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34514	1,1,2-TRICHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0012	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	02/12/86-08/13/98	12	12	
CHCH0055	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0065	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	09/23/91-09/23/91	0	1	
CHCH0085	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	08/21/92-04/15/93	0	3	
CHCH0163	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	07/31/92-03/12/93	0	3	
CHCH0061	No	34519	1,1,2,2-TETRACHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	34519	1,1,2,2-TETRACHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	34519	1,1,2,2-TETRACHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0107	No	34519	1,1,2,2-TETRACHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	34519	1,1,2,2-TETRACHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34519	1,1,2,2-TETRACHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0137	No	34519	1,1,2,2-TETRACHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	34519	1,1,2,2-TETRACHLOROETHANE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	34519	1,1,2,2-TETRACHLOROETHANE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	34519	1,1,2,2-TETRACHLOROETHANE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	34519	1,1,2,2-TETRACHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34519	1,1,2,2-TETRACHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0055	No	34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0065	No	34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	09/23/91-09/23/91	0	1	
CHCH0085	No	34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	09/10/80-09/10/80	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0137	No	34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	08/21/92-04/15/93	0	3	
CHCH0163	No	34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	07/31/92-03/12/93	0	3	
CHCH0061	No	34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0107	No	34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0137	No	34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0055	No	34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0065	No	34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	09/23/91-09/23/91	0	1	
CHCH0085	No	34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	08/21/92-04/15/93	0	3	
CHCH0163	No	34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	07/31/92-03/12/93	0	3	
CHCH0061	No	34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0107	No	34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0125	No	34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	11/18/81-11/18/81	0	1	
CHCH0127	No	34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	11/18/81-11/18/81	0	1	
CHCH0136	No	34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	11/16/81-11/16/81	0	1	
CHCH0137	No	34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	09/11/80-09/11/80	0	2	
CHCH0142	No	34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	11/16/81-11/16/81	0	1	
CHCH0143	No	34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	11/18/81-11/18/81	0	1	
CHCH0148	No	34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	11/16/81-11/16/81	0	1	
CHCH0154	No	34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	11/16/81-11/16/81	0	1	
CHCH0156	No	34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0173	No	34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	11/16/81-11/16/81	0	1	
CHCH0188	No	34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0061	No	34531	1,2-DICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0085	No	34531	1,2-DICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	34531	1,2-DICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	34531	1,2-DICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	34531	1,2-DICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	34531	1,2-DICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0137	No	34531	1,2-DICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	34531	1,2-DICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0163	No	34531	1,2-DICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	34531	1,2-DICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	34531	1,2-DICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	34531	1,2-DICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0061	No	34534	1,2-DICHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	34534	1,2-DICHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	34534	1,2-DICHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0107	No	34534	1,2-DICHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	34534	1,2-DICHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34534	1,2-DICHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0137	No	34534	1,2-DICHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	34534	1,2-DICHLOROETHANE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	34534	1,2-DICHLOROETHANE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	34534	1,2-DICHLOROETHANE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	34534	1,2-DICHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34534	1,2-DICHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0012	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	07/28/95-08/13/98	3	3	
CHCH0055	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0065	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	09/23/91-09/23/91	0	1	
CHCH0085	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	08/21/92-04/15/93	0	3	
CHCH0163	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	07/31/92-03/12/93	0	3	
CHCH0061	No	34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0107	No	34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0137	No	34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0012	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	02/12/86-08/13/98	12	12	
CHCH0055	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0065	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	09/23/91-09/23/91	0	1	
CHCH0085	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	08/21/92-04/15/93	0	3	
CHCH0163	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	06/30/92-04/05/93	0	3	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0326	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	07/31/92-03/12/93	0	3	
CHCH0061	No	34544	1,2-DICHLOROPROPANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	34544	1,2-DICHLOROPROPANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	34544	1,2-DICHLOROPROPANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0107	No	34544	1,2-DICHLOROPROPANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	34544	1,2-DICHLOROPROPANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34544	1,2-DICHLOROPROPANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0137	No	34544	1,2-DICHLOROPROPANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	34544	1,2-DICHLOROPROPANE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	34544	1,2-DICHLOROPROPANE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	34544	1,2-DICHLOROPROPANE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	34544	1,2-DICHLOROPROPANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34544	1,2-DICHLOROPROPANE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0012	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	02/12/86-08/13/98	12	12	
CHCH0055	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	09/10/80-09/10/80	0	1	
CHCH0065	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	09/23/91-09/23/91	0	1	
CHCH0085	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	08/21/92-04/15/93	0	3	
CHCH0163	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	07/31/92-03/12/93	0	3	
CHCH0061	No	34549	TRANS-1,2-DICHLOROETHENE, IN SED. DRY WT. UG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	34549	TRANS-1,2-DICHLOROETHENE, IN SED. DRY WT. UG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	34549	TRANS-1,2-DICHLOROETHENE, IN SED. DRY WT. UG/KG	09/11/80-09/11/80	0	1	
CHCH0107	No	34549	TRANS-1,2-DICHLOROETHENE, IN SED. DRY WT. UG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	34549	TRANS-1,2-DICHLOROETHENE, IN SED. DRY WT. UG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34549	TRANS-1,2-DICHLOROETHENE, IN SED. DRY WT. UG/KG	09/11/80-09/11/80	0	1	
CHCH0137	No	34549	TRANS-1,2-DICHLOROETHENE, IN SED. DRY WT. UG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	34549	TRANS-1,2-DICHLOROETHENE, IN SED. DRY WT. UG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	34549	TRANS-1,2-DICHLOROETHENE, IN SED. DRY WT. UG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	34549	TRANS-1,2-DICHLOROETHENE, IN SED. DRY WT. UG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	34549	TRANS-1,2-DICHLOROETHENE, IN SED. DRY WT. UG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34549	TRANS-1,2-DICHLOROETHENE, IN SED. DRY WT. UG/KG	09/11/80-09/11/80	0	1	
CHCH0012	No	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	07/28/95-08/13/98	3	3	
CHCH0055	No	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0065	No	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	09/23/91-09/23/91	0	1	
CHCH0085	No	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	08/21/92-04/15/93	0	3	
CHCH0163	No	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	07/31/92-03/12/93	0	3	
CHCH0061	No	34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0090	No	34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0107	No	34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0137	No	34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0314	No	34555	1,2,4-TRICHLOROBENZENE WET WGTTISMG/KG	07/07/87-08/19/87	0	2	
CHCH0055	No	34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0065	No	34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	09/23/91-09/23/91	0	1	
CHCH0085	No	34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	08/21/92-04/15/93	0	3	
CHCH0163	No	34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	07/31/92-03/12/93	0	3	
CHCH0061	No	34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0107	No	34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0137	No	34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0065	No	34561	1,3-DICHLOROPROPENE TOTWUG/L	09/23/91-09/23/91	0	1	
CHCH0241	No	34561	1,3-DICHLOROPROPENE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	34561	1,3-DICHLOROPROPENE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0061	No	34564	1,3-DICHLOROPROPENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	34564	1,3-DICHLOROPROPENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	34564	1,3-DICHLOROPROPENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0107	No	34564	1,3-DICHLOROPROPENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	34564	1,3-DICHLOROPROPENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34564	1,3-DICHLOROPROPENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0137	No	34564	1,3-DICHLOROPROPENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	34564	1,3-DICHLOROPROPENE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	34564	1,3-DICHLOROPROPENE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	34564	1,3-DICHLOROPROPENE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	34564	1,3-DICHLOROPROPENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34564	1,3-DICHLOROPROPENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0012	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	07/28/95-08/13/98	3	3	
CHCH0055	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0065	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	09/23/91-09/23/91	0	1	
CHCH0085	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	08/21/92-04/15/93	0	3	
CHCH0163	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0169	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	07/31/92-03/12/93	0	3	
CHCH0061	No	34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0107	No	34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0137	No	34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0012	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	07/28/95-08/13/98	3	3	
CHCH0055	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0065	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	09/23/91-09/23/91	0	1	
CHCH0085	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	08/21/92-04/15/93	0	3	
CHCH0163	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	07/31/92-03/12/93	0	3	
CHCH0061	No	34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0107	No	34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0137	No	34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0012	No	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	01/30/90-08/13/98	8	6	
CHCH0055	No	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0065	No	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	09/23/91-09/23/91	0	1	
CHCH0085	No	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	08/21/92-04/15/93	0	3	
CHCH0163	No	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	06/26/80-06/26/80	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0242	No	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	07/31/92-03/12/93	0	3	
CHCH0061	No	34579	2-CHLOROETHYL VINYL ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	34579	2-CHLOROETHYL VINYL ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	34579	2-CHLOROETHYL VINYL ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0107	No	34579	2-CHLOROETHYL VINYL ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	34579	2-CHLOROETHYL VINYL ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34579	2-CHLOROETHYL VINYL ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0137	No	34579	2-CHLOROETHYL VINYL ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	34579	2-CHLOROETHYL VINYL ETHER DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	34579	2-CHLOROETHYL VINYL ETHER DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	34579	2-CHLOROETHYL VINYL ETHER DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	34579	2-CHLOROETHYL VINYL ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34579	2-CHLOROETHYL VINYL ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0055	No	34581	2-CHLORONAPHTHALENE TOTWUG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	34581	2-CHLORONAPHTHALENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0065	No	34581	2-CHLORONAPHTHALENE TOTWUG/L	09/23/91-09/23/91	0	1	
CHCH0085	No	34581	2-CHLORONAPHTHALENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	34581	2-CHLORONAPHTHALENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	34581	2-CHLORONAPHTHALENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	34581	2-CHLORONAPHTHALENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	34581	2-CHLORONAPHTHALENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	34581	2-CHLORONAPHTHALENE TOTWUG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	34581	2-CHLORONAPHTHALENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	34581	2-CHLORONAPHTHALENE TOTWUG/L	08/21/92-04/15/93	0	3	
CHCH0163	No	34581	2-CHLORONAPHTHALENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	34581	2-CHLORONAPHTHALENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	34581	2-CHLORONAPHTHALENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	34581	2-CHLORONAPHTHALENE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	34581	2-CHLORONAPHTHALENE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	34581	2-CHLORONAPHTHALENE TOTWUG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	34581	2-CHLORONAPHTHALENE TOTWUG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	34581	2-CHLORONAPHTHALENE TOTWUG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	34581	2-CHLORONAPHTHALENE TOTWUG/L	07/31/92-03/12/93	0	3	
CHCH0061	No	34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0107	No	34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0137	No	34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0055	No	34586	2-CHLOROPHENOL TOTWUG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	34586	2-CHLOROPHENOL TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0065	No	34586	2-CHLOROPHENOL TOTWUG/L	09/23/91-09/23/91	0	1	
CHCH0085	No	34586	2-CHLOROPHENOL TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	34586	2-CHLOROPHENOL TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	34586	2-CHLOROPHENOL TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	34586	2-CHLOROPHENOL TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	34586	2-CHLOROPHENOL TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	34586	2-CHLOROPHENOL TOTWUG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	34586	2-CHLOROPHENOL TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	34586	2-CHLOROPHENOL TOTWUG/L	08/21/92-04/15/93	0	3	
CHCH0163	No	34586	2-CHLOROPHENOL TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	34586	2-CHLOROPHENOL TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	34586	2-CHLOROPHENOL TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	34586	2-CHLOROPHENOL TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	34586	2-CHLOROPHENOL TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	34586	2-CHLOROPHENOL TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	34586	2-CHLOROPHENOL TOTWUG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	34586	2-CHLOROPHENOL TOTWUG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	34586	2-CHLOROPHENOL TOTWUG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	34586	2-CHLOROPHENOL TOTWUG/L	07/31/92-03/12/93	0	3	
CHCH0061	No	34589	2-CHLOROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	34589	2-CHLOROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0090	No	34589	2-CHLOROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	34589	2-CHLOROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34589	2-CHLOROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0137	No	34589	2-CHLOROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	34589	2-CHLOROPHENOL DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	34589	2-CHLOROPHENOL DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	34589	2-CHLOROPHENOL DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	34589	2-CHLOROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34589	2-CHLOROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0055	No	34591	2-NITROPHENOL TOTWUG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	34591	2-NITROPHENOL TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0065	No	34591	2-NITROPHENOL TOTWUG/L	09/23/91-09/23/91	0	1	
CHCH0085	No	34591	2-NITROPHENOL TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	34591	2-NITROPHENOL TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	34591	2-NITROPHENOL TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	34591	2-NITROPHENOL TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	34591	2-NITROPHENOL TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	34591	2-NITROPHENOL TOTWUG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	34591	2-NITROPHENOL TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	34591	2-NITROPHENOL TOTWUG/L	08/21/92-04/15/93	0	3	
CHCH0163	No	34591	2-NITROPHENOL TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	34591	2-NITROPHENOL TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	34591	2-NITROPHENOL TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	34591	2-NITROPHENOL TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	34591	2-NITROPHENOL TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	34591	2-NITROPHENOL TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	34591	2-NITROPHENOL TOTWUG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	34591	2-NITROPHENOL TOTWUG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	34591	2-NITROPHENOL TOTWUG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	34591	2-NITROPHENOL TOTWUG/L	07/31/92-03/12/93	0	3	
CHCH0061	No	34594	2-NITROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	34594	2-NITROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	34594	2-NITROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	34594	2-NITROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34594	2-NITROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0137	No	34594	2-NITROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	34594	2-NITROPHENOL DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	34594	2-NITROPHENOL DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	34594	2-NITROPHENOL DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	34594	2-NITROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34594	2-NITROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0012	No	34596	DI-N-OCTYL PHTHALATE TOTWUG/L	07/28/95-07/28/95	0	1	
CHCH0055	No	34596	DI-N-OCTYL PHTHALATE TOTWUG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	34596	DI-N-OCTYL PHTHALATE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0065	No	34596	DI-N-OCTYL PHTHALATE TOTWUG/L	09/23/91-09/23/91	0	1	
CHCH0085	No	34596	DI-N-OCTYL PHTHALATE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	34596	DI-N-OCTYL PHTHALATE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	34596	DI-N-OCTYL PHTHALATE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	34596	DI-N-OCTYL PHTHALATE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	34596	DI-N-OCTYL PHTHALATE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	34596	DI-N-OCTYL PHTHALATE TOTWUG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	34596	DI-N-OCTYL PHTHALATE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	34596	DI-N-OCTYL PHTHALATE TOTWUG/L	08/21/92-04/15/93	0	3	
CHCH0163	No	34596	DI-N-OCTYL PHTHALATE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	34596	DI-N-OCTYL PHTHALATE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	34596	DI-N-OCTYL PHTHALATE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	34596	DI-N-OCTYL PHTHALATE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	34596	DI-N-OCTYL PHTHALATE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	34596	DI-N-OCTYL PHTHALATE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	34596	DI-N-OCTYL PHTHALATE TOTWUG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	34596	DI-N-OCTYL PHTHALATE TOTWUG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	34596	DI-N-OCTYL PHTHALATE TOTWUG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	34596	DI-N-OCTYL PHTHALATE TOTWUG/L	07/31/92-03/12/93	0	3	
CHCH0061	No	34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0107	No	34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0137	No	34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0169	No	34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0055	No	34601	2,4-DICHLOROPHENOL TOTWUG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	34601	2,4-DICHLOROPHENOL TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0065	No	34601	2,4-DICHLOROPHENOL TOTWUG/L	09/23/91-09/23/91	0	1	
CHCH0085	No	34601	2,4-DICHLOROPHENOL TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	34601	2,4-DICHLOROPHENOL TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	34601	2,4-DICHLOROPHENOL TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	34601	2,4-DICHLOROPHENOL TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	34601	2,4-DICHLOROPHENOL TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	34601	2,4-DICHLOROPHENOL TOTWUG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	34601	2,4-DICHLOROPHENOL TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	34601	2,4-DICHLOROPHENOL TOTWUG/L	08/21/92-04/15/93	0	3	
CHCH0163	No	34601	2,4-DICHLOROPHENOL TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	34601	2,4-DICHLOROPHENOL TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	34601	2,4-DICHLOROPHENOL TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	34601	2,4-DICHLOROPHENOL TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	34601	2,4-DICHLOROPHENOL TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	34601	2,4-DICHLOROPHENOL TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	34601	2,4-DICHLOROPHENOL TOTWUG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	34601	2,4-DICHLOROPHENOL TOTWUG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	34601	2,4-DICHLOROPHENOL TOTWUG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	34601	2,4-DICHLOROPHENOL TOTWUG/L	07/31/92-03/12/93	0	3	
CHCH0061	No	34604	2,4-DICHLOROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	34604	2,4-DICHLOROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	34604	2,4-DICHLOROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	34604	2,4-DICHLOROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34604	2,4-DICHLOROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0137	No	34604	2,4-DICHLOROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	34604	2,4-DICHLOROPHENOL DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	34604	2,4-DICHLOROPHENOL DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	34604	2,4-DICHLOROPHENOL DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	34604	2,4-DICHLOROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34604	2,4-DICHLOROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0055	No	34606	2,4-DIMETHYLPHENOL TOTWUG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	34606	2,4-DIMETHYLPHENOL TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0065	No	34606	2,4-DIMETHYLPHENOL TOTWUG/L	09/23/91-09/23/91	0	1	
CHCH0085	No	34606	2,4-DIMETHYLPHENOL TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	34606	2,4-DIMETHYLPHENOL TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	34606	2,4-DIMETHYLPHENOL TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	34606	2,4-DIMETHYLPHENOL TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	34606	2,4-DIMETHYLPHENOL TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	34606	2,4-DIMETHYLPHENOL TOTWUG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	34606	2,4-DIMETHYLPHENOL TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	34606	2,4-DIMETHYLPHENOL TOTWUG/L	08/21/92-04/15/93	0	3	
CHCH0163	No	34606	2,4-DIMETHYLPHENOL TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	34606	2,4-DIMETHYLPHENOL TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	34606	2,4-DIMETHYLPHENOL TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	34606	2,4-DIMETHYLPHENOL TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	34606	2,4-DIMETHYLPHENOL TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	34606	2,4-DIMETHYLPHENOL TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	34606	2,4-DIMETHYLPHENOL TOTWUG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	34606	2,4-DIMETHYLPHENOL TOTWUG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	34606	2,4-DIMETHYLPHENOL TOTWUG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	34606	2,4-DIMETHYLPHENOL TOTWUG/L	07/31/92-03/12/93	0	3	
CHCH0061	No	34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0137	No	34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0055	No	34611	2,4-DINITROTOLUENE TOTWUG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	34611	2,4-DINITROTOLUENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0065	No	34611	2,4-DINITROTOLUENE TOTWUG/L	09/23/91-09/23/91	0	1	
CHCH0085	No	34611	2,4-DINITROTOLUENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	34611	2,4-DINITROTOLUENE TOTWUG/L	09/10/80-09/10/80	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0107	No	34611	2,4-DINITROTOLUENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	34611	2,4-DINITROTOLUENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	34611	2,4-DINITROTOLUENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	34611	2,4-DINITROTOLUENE TOTWUG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	34611	2,4-DINITROTOLUENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	34611	2,4-DINITROTOLUENE TOTWUG/L	08/21/92-04/15/93	0	3	
CHCH0163	No	34611	2,4-DINITROTOLUENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	34611	2,4-DINITROTOLUENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	34611	2,4-DINITROTOLUENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	34611	2,4-DINITROTOLUENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	34611	2,4-DINITROTOLUENE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	34611	2,4-DINITROTOLUENE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	34611	2,4-DINITROTOLUENE TOTWUG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	34611	2,4-DINITROTOLUENE TOTWUG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	34611	2,4-DINITROTOLUENE TOTWUG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	34611	2,4-DINITROTOLUENE TOTWUG/L	07/31/92-03/12/93	0	3	
CHCH0061	No	34614	2,4-DINITROTOLUENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	34614	2,4-DINITROTOLUENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	34614	2,4-DINITROTOLUENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0107	No	34614	2,4-DINITROTOLUENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	34614	2,4-DINITROTOLUENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34614	2,4-DINITROTOLUENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0137	No	34614	2,4-DINITROTOLUENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	34614	2,4-DINITROTOLUENE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	34614	2,4-DINITROTOLUENE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	34614	2,4-DINITROTOLUENE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	34614	2,4-DINITROTOLUENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34614	2,4-DINITROTOLUENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0055	No	34616	2,4-DINITROPHENOL TOTWUG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	34616	2,4-DINITROPHENOL TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0065	No	34616	2,4-DINITROPHENOL TOTWUG/L	09/23/91-09/23/91	0	1	
CHCH0085	No	34616	2,4-DINITROPHENOL TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	34616	2,4-DINITROPHENOL TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	34616	2,4-DINITROPHENOL TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	34616	2,4-DINITROPHENOL TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	34616	2,4-DINITROPHENOL TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	34616	2,4-DINITROPHENOL TOTWUG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	34616	2,4-DINITROPHENOL TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	34616	2,4-DINITROPHENOL TOTWUG/L	08/21/92-04/15/93	0	3	
CHCH0163	No	34616	2,4-DINITROPHENOL TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	34616	2,4-DINITROPHENOL TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	34616	2,4-DINITROPHENOL TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	34616	2,4-DINITROPHENOL TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	34616	2,4-DINITROPHENOL TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	34616	2,4-DINITROPHENOL TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	34616	2,4-DINITROPHENOL TOTWUG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	34616	2,4-DINITROPHENOL TOTWUG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	34616	2,4-DINITROPHENOL TOTWUG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	34616	2,4-DINITROPHENOL TOTWUG/L	07/31/92-03/12/93	0	3	
CHCH0061	No	34619	2,4-DINITROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	34619	2,4-DINITROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	34619	2,4-DINITROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	34619	2,4-DINITROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34619	2,4-DINITROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0137	No	34619	2,4-DINITROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	34619	2,4-DINITROPHENOL DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	34619	2,4-DINITROPHENOL DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	34619	2,4-DINITROPHENOL DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	34619	2,4-DINITROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34619	2,4-DINITROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0055	No	34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0065	No	34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	09/23/91-09/23/91	0	1	
CHCH0085	No	34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	08/21/92-04/15/93	0	3	
CHCH0163	No	34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	09/10/80-09/10/80	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0169	No	34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	07/31/92-03/12/93	0	3	
CHCH0061	No	34624	2,4,6-TRICHLOROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	34624	2,4,6-TRICHLOROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	34624	2,4,6-TRICHLOROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	34624	2,4,6-TRICHLOROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34624	2,4,6-TRICHLOROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0137	No	34624	2,4,6-TRICHLOROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	34624	2,4,6-TRICHLOROPHENOL DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	34624	2,4,6-TRICHLOROPHENOL DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	34624	2,4,6-TRICHLOROPHENOL DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	34624	2,4,6-TRICHLOROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34624	2,4,6-TRICHLOROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0055	No	34626	2,6-DINITROTOLUENE TOTWUG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	34626	2,6-DINITROTOLUENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0065	No	34626	2,6-DINITROTOLUENE TOTWUG/L	09/23/91-09/23/91	0	1	
CHCH0085	No	34626	2,6-DINITROTOLUENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	34626	2,6-DINITROTOLUENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	34626	2,6-DINITROTOLUENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	34626	2,6-DINITROTOLUENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	34626	2,6-DINITROTOLUENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	34626	2,6-DINITROTOLUENE TOTWUG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	34626	2,6-DINITROTOLUENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	34626	2,6-DINITROTOLUENE TOTWUG/L	08/21/92-04/15/93	0	3	
CHCH0163	No	34626	2,6-DINITROTOLUENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	34626	2,6-DINITROTOLUENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	34626	2,6-DINITROTOLUENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	34626	2,6-DINITROTOLUENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	34626	2,6-DINITROTOLUENE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	34626	2,6-DINITROTOLUENE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	34626	2,6-DINITROTOLUENE TOTWUG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	34626	2,6-DINITROTOLUENE TOTWUG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	34626	2,6-DINITROTOLUENE TOTWUG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	34626	2,6-DINITROTOLUENE TOTWUG/L	07/31/92-03/12/93	0	3	
CHCH0061	No	34629	2,6-DINITROTOLUENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	34629	2,6-DINITROTOLUENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	34629	2,6-DINITROTOLUENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0107	No	34629	2,6-DINITROTOLUENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	34629	2,6-DINITROTOLUENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34629	2,6-DINITROTOLUENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0137	No	34629	2,6-DINITROTOLUENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	34629	2,6-DINITROTOLUENE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	34629	2,6-DINITROTOLUENE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	34629	2,6-DINITROTOLUENE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	34629	2,6-DINITROTOLUENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34629	2,6-DINITROTOLUENE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0055	No	34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0065	No	34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	09/23/91-09/23/91	0	1	
CHCH0085	No	34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	08/21/92-04/15/93	0	3	
CHCH0163	No	34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	06/30/92-04/05/93	0	3	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0326	No	34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	07/31/92-03/12/93	0	3	
CHCH0061	No	34634	3,3'-DICHLOROBENZIDINE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	34634	3,3'-DICHLOROBENZIDINE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	34634	3,3'-DICHLOROBENZIDINE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0107	No	34634	3,3'-DICHLOROBENZIDINE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	34634	3,3'-DICHLOROBENZIDINE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34634	3,3'-DICHLOROBENZIDINE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0137	No	34634	3,3'-DICHLOROBENZIDINE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	34634	3,3'-DICHLOROBENZIDINE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	34634	3,3'-DICHLOROBENZIDINE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	34634	3,3'-DICHLOROBENZIDINE DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	34634	3,3'-DICHLOROBENZIDINE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34634	3,3'-DICHLOROBENZIDINE DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0055	No	34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0065	No	34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	09/23/91-09/23/91	0	1	
CHCH0085	No	34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	08/21/92-04/15/93	0	3	
CHCH0163	No	34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	07/31/92-03/12/93	0	3	
CHCH0061	No	34639	4-BROMOPHENYL PHENYL ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	34639	4-BROMOPHENYL PHENYL ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	34639	4-BROMOPHENYL PHENYL ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0107	No	34639	4-BROMOPHENYL PHENYL ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	34639	4-BROMOPHENYL PHENYL ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34639	4-BROMOPHENYL PHENYL ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0137	No	34639	4-BROMOPHENYL PHENYL ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	34639	4-BROMOPHENYL PHENYL ETHER DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	34639	4-BROMOPHENYL PHENYL ETHER DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	34639	4-BROMOPHENYL PHENYL ETHER DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	34639	4-BROMOPHENYL PHENYL ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34639	4-BROMOPHENYL PHENYL ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0055	No	34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0065	No	34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	09/23/91-09/23/91	0	1	
CHCH0085	No	34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	08/21/92-04/15/93	0	3	
CHCH0169	No	34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	07/31/92-03/12/93	0	3	
CHCH0061	No	34644	4-CHLOROPHENYL PHENYL ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	34644	4-CHLOROPHENYL PHENYL ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	34644	4-CHLOROPHENYL PHENYL ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0107	No	34644	4-CHLOROPHENYL PHENYL ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	34644	4-CHLOROPHENYL PHENYL ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34644	4-CHLOROPHENYL PHENYL ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0137	No	34644	4-CHLOROPHENYL PHENYL ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	34644	4-CHLOROPHENYL PHENYL ETHER DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	34644	4-CHLOROPHENYL PHENYL ETHER DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	34644	4-CHLOROPHENYL PHENYL ETHER DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	34644	4-CHLOROPHENYL PHENYL ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34644	4-CHLOROPHENYL PHENYL ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0055	No	34646	4-NITROPHENOL TOTWUG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	34646	4-NITROPHENOL TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0065	No	34646	4-NITROPHENOL TOTWUG/L	09/23/91-09/23/91	0	1	
CHCH0085	No	34646	4-NITROPHENOL TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	34646	4-NITROPHENOL TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	34646	4-NITROPHENOL TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	34646	4-NITROPHENOL TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	34646	4-NITROPHENOL TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	34646	4-NITROPHENOL TOTWUG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	34646	4-NITROPHENOL TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	34646	4-NITROPHENOL TOTWUG/L	08/21/92-04/15/93	0	3	
CHCH0163	No	34646	4-NITROPHENOL TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	34646	4-NITROPHENOL TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	34646	4-NITROPHENOL TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	34646	4-NITROPHENOL TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	34646	4-NITROPHENOL TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	34646	4-NITROPHENOL TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	34646	4-NITROPHENOL TOTWUG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	34646	4-NITROPHENOL TOTWUG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	34646	4-NITROPHENOL TOTWUG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	34646	4-NITROPHENOL TOTWUG/L	07/31/92-03/12/93	0	3	
CHCH0061	No	34649	4-NITROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	34649	4-NITROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	34649	4-NITROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	34649	4-NITROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34649	4-NITROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0137	No	34649	4-NITROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	34649	4-NITROPHENOL DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	34649	4-NITROPHENOL DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	34649	4-NITROPHENOL DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	34649	4-NITROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34649	4-NITROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0348	No	34653	P,P'-DDE DISSUG/L	05/28/96-02/14/97	0	6	
CHCH0055	No	34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0065	No	34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	09/23/91-09/23/91	0	1	
CHCH0085	No	34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	08/21/92-04/15/93	0	3	
CHCH0163	No	34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	07/31/92-03/12/93	0	3	
CHCH0061	No	34660	DNOC (4,6-DINITRO-ORTHO-CRESOL) DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	34660	DNOC (4,6-DINITRO-ORTHO-CRESOL) DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	34660	DNOC (4,6-DINITRO-ORTHO-CRESOL) DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	34660	DNOC (4,6-DINITRO-ORTHO-CRESOL) DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34660	DNOC (4,6-DINITRO-ORTHO-CRESOL) DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0137	No	34660	DNOC (4,6-DINITRO-ORTHO-CRESOL) DRY WGTBOTUG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	34660	DNOC (4,6-DINITRO-ORTHO-CRESOL) DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	34660	DNOC (4,6-DINITRO-ORTHO-CRESOL) DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	34660	DNOC (4,6-DINITRO-ORTHO-CRESOL) DRY WGTBOTUG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	34660	DNOC (4,6-DINITRO-ORTHO-CRESOL) DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34660	DNOC (4,6-DINITRO-ORTHO-CRESOL) DRY WGTBOTUG/KG	09/11/80-09/11/80	0	1	
CHCH0099	No	34664	PCB - 1221 WET WGTTISMG/KG	06/12/85-06/12/85	0	3	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0177	No	34664	PCB - 1221 WET WGTTISMG/KG	05/02/84-09/30/91	7	4	
CHCH0299	No	34664	PCB - 1221 WET WGTTISMG/KG	08/03/82-08/03/82	0	4	
CHCH0313	No	34664	PCB - 1221 WET WGTTISMG/KG	10/24/86-02/15/95	8	71	
CHCH0354	No	34664	PCB - 1221 WET WGTTISMG/KG	08/03/82-05/02/84	1	8	
CHCH0392	No	34664	PCB - 1221 WET WGTTISMG/KG	10/01/92-02/15/95	2	12	
CHCH0419	No	34664	PCB - 1221 WET WGTTISMG/KG	11/16/89-11/17/89	0	10	
CHCH0431	No	34664	PCB - 1221 WET WGTTISMG/KG	11/06/90-10/14/92	1	11	
CHCH0099	No	34667	PCB - 1232 WET WGTTISMG/KG	06/12/85-06/12/85	0	3	
CHCH0177	No	34667	PCB - 1232 WET WGTTISMG/KG	05/02/84-09/30/91	7	4	
CHCH0299	No	34667	PCB - 1232 WET WGTTISMG/KG	08/03/82-08/03/82	0	4	
CHCH0313	No	34667	PCB - 1232 WET WGTTISMG/KG	10/24/86-02/15/95	8	71	
CHCH0354	No	34667	PCB - 1232 WET WGTTISMG/KG	08/03/82-05/02/84	1	8	
CHCH0392	No	34667	PCB - 1232 WET WGTTISMG/KG	10/01/92-02/15/95	2	12	
CHCH0419	No	34667	PCB - 1232 WET WGTTISMG/KG	11/16/89-11/17/89	0	10	
CHCH0431	No	34667	PCB - 1232 WET WGTTISMG/KG	11/06/90-10/14/92	1	11	
CHCH0012	No	34668	DICHLORODIFUOROMETHANE TOTWUG/L	07/28/95-08/13/98	3	3	
CHCH0061	No	34668	DICHLORODIFUOROMETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0065	No	34668	DICHLORODIFUOROMETHANE TOTWUG/L	09/23/91-09/23/91	0	1	
CHCH0085	No	34668	DICHLORODIFUOROMETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	34668	DICHLORODIFUOROMETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	34668	DICHLORODIFUOROMETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	34668	DICHLORODIFUOROMETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	34668	DICHLORODIFUOROMETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	34668	DICHLORODIFUOROMETHANE TOTWUG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	34668	DICHLORODIFUOROMETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	34668	DICHLORODIFUOROMETHANE TOTWUG/L	08/21/92-04/15/93	0	3	
CHCH0163	No	34668	DICHLORODIFUOROMETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	34668	DICHLORODIFUOROMETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	34668	DICHLORODIFUOROMETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	34668	DICHLORODIFUOROMETHANE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	34668	DICHLORODIFUOROMETHANE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	34668	DICHLORODIFUOROMETHANE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	34668	DICHLORODIFUOROMETHANE TOTWUG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	34668	DICHLORODIFUOROMETHANE TOTWUG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	34668	DICHLORODIFUOROMETHANE TOTWUG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	34668	DICHLORODIFUOROMETHANE TOTWUG/L	07/31/92-03/12/93	0	3	
CHCH0099	No	34669	PCB - 1248 WET WGTTISMG/KG	06/12/85-06/12/85	0	3	
CHCH0177	No	34669	PCB - 1248 WET WGTTISMG/KG	05/02/84-09/30/91	7	4	
CHCH0299	No	34669	PCB - 1248 WET WGTTISMG/KG	08/03/82-08/03/82	0	4	
CHCH0313	No	34669	PCB - 1248 WET WGTTISMG/KG	10/24/86-02/15/95	8	71	
CHCH0354	No	34669	PCB - 1248 WET WGTTISMG/KG	08/03/82-05/02/84	1	8	
CHCH0392	No	34669	PCB - 1248 WET WGTTISMG/KG	10/01/92-02/15/95	2	12	
CHCH0419	No	34669	PCB - 1248 WET WGTTISMG/KG	11/16/89-11/17/89	0	10	
CHCH0431	No	34669	PCB - 1248 WET WGTTISMG/KG	11/06/90-10/14/92	1	11	
CHCH0099	No	34670	PCB - 1260 WET WGTTISMG/KG	06/12/85-06/12/85	0	3	
CHCH0177	No	34670	PCB - 1260 WET WGTTISMG/KG	05/02/84-09/30/91	7	4	
CHCH0299	No	34670	PCB - 1260 WET WGTTISMG/KG	08/03/82-08/03/82	0	4	
CHCH0313	No	34670	PCB - 1260 WET WGTTISMG/KG	10/24/86-02/15/95	8	71	
CHCH0354	No	34670	PCB - 1260 WET WGTTISMG/KG	08/03/82-05/02/84	1	8	
CHCH0392	No	34670	PCB - 1260 WET WGTTISMG/KG	10/01/92-02/15/95	2	12	
CHCH0419	No	34670	PCB - 1260 WET WGTTISMG/KG	11/16/89-11/17/89	0	10	
CHCH0431	No	34670	PCB - 1260 WET WGTTISMG/KG	11/06/90-10/14/92	1	11	
CHCH0055	No	34671	PCB - 1016 TOTWUG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	34671	PCB - 1016 TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0065	No	34671	PCB - 1016 TOTWUG/L	09/23/91-09/23/91	0	1	
CHCH0085	No	34671	PCB - 1016 TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	34671	PCB - 1016 TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	34671	PCB - 1016 TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	34671	PCB - 1016 TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	34671	PCB - 1016 TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	34671	PCB - 1016 TOTWUG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	34671	PCB - 1016 TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	34671	PCB - 1016 TOTWUG/L	08/21/92-01/04/93	0	2	
CHCH0163	No	34671	PCB - 1016 TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	34671	PCB - 1016 TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	34671	PCB - 1016 TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	34671	PCB - 1016 TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	34671	PCB - 1016 TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	34671	PCB - 1016 TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	34671	PCB - 1016 TOTWUG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	34671	PCB - 1016 TOTWUG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	34671	PCB - 1016 TOTWUG/L	06/03/92-03/02/93	0	3	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0459	No	34671	PCB - 1016 TOTWUG/L	07/31/92-03/12/93	0	3	
CHCH0099	No	34674	PCB - 1016 WET WGTTISMG/KG	06/12/85-06/12/85	0	3	
CHCH0177	No	34674	PCB - 1016 WET WGTTISMG/KG	05/02/84-09/30/91	7	4	
CHCH0299	No	34674	PCB - 1016 WET WGTTISMG/KG	08/03/82-08/03/82	0	4	
CHCH0313	No	34674	PCB - 1016 WET WGTTISMG/KG	10/24/86-02/15/95	8	71	
CHCH0354	No	34674	PCB - 1016 WET WGTTISMG/KG	08/03/82-05/02/84	1	8	
CHCH0392	No	34674	PCB - 1016 WET WGTTISMG/KG	10/01/92-02/15/95	2	12	
CHCH0419	No	34674	PCB - 1016 WET WGTTISMG/KG	11/16/89-11/17/89	0	10	
CHCH0431	No	34674	PCB - 1016 WET WGTTISMG/KG	11/06/90-10/14/92	1	11	
CHCH0099	No	34680	ALDRIN IN FISH TISSUE WET WEIGHT MG/KG	06/12/85-06/12/85	0	3	
CHCH0177	No	34680	ALDRIN IN FISH TISSUE WET WEIGHT MG/KG	05/02/84-09/30/91	7	4	
CHCH0299	No	34680	ALDRIN IN FISH TISSUE WET WEIGHT MG/KG	08/03/82-08/03/82	0	4	
CHCH0313	No	34680	ALDRIN IN FISH TISSUE WET WEIGHT MG/KG	10/24/86-11/20/91	5	37	
CHCH0354	No	34680	ALDRIN IN FISH TISSUE WET WEIGHT MG/KG	08/03/82-05/02/84	1	8	
CHCH0431	No	34680	ALDRIN IN FISH TISSUE WET WEIGHT MG/KG	11/06/90-10/14/92	1	11	
CHCH0099	No	34685	ENDRIN WET WGTTISMG/KG	06/12/85-06/12/85	0	3	
CHCH0177	No	34685	ENDRIN WET WGTTISMG/KG	05/02/84-09/30/91	7	4	
CHCH0299	No	34685	ENDRIN WET WGTTISMG/KG	08/03/82-08/03/82	0	4	
CHCH0313	No	34685	ENDRIN WET WGTTISMG/KG	10/24/86-11/20/91	5	37	
CHCH0314	No	34685	ENDRIN WET WGTTISMG/KG	07/07/87-08/19/87	0	2	
CHCH0354	No	34685	ENDRIN WET WGTTISMG/KG	08/03/82-05/02/84	1	8	
CHCH0431	No	34685	ENDRIN WET WGTTISMG/KG	11/06/90-10/14/92	1	11	
CHCH0313	No	34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	10/24/86-11/20/91	5	51	
CHCH0314	No	34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	07/07/87-08/19/87	0	2	
CHCH0419	No	34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	11/16/89-11/16/89	0	7	
CHCH0431	No	34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	11/06/90-10/14/92	1	11	
CHCH0091	No	34687	HEPTACHLOR WET WGTTISMG/KG	06/30/81-06/30/81	0	1	
CHCH0164	No	34687	HEPTACHLOR WET WGTTISMG/KG	06/30/81-06/30/81	0	2	
CHCH0313	No	34687	HEPTACHLOR WET WGTTISMG/KG	10/24/86-11/20/91	5	51	
CHCH0314	No	34687	HEPTACHLOR WET WGTTISMG/KG	07/07/87-08/19/87	0	2	
CHCH0354	No	34687	HEPTACHLOR WET WGTTISMG/KG	08/03/82-08/03/82	0	1	
CHCH0419	No	34687	HEPTACHLOR WET WGTTISMG/KG	11/16/89-11/16/89	0	7	
CHCH0431	No	34687	HEPTACHLOR WET WGTTISMG/KG	11/06/90-10/14/92	1	11	
CHCH0099	No	34688	HEXACHLOROBENZENE WET WGTTISMG/KG	06/12/85-06/12/85	0	3	
CHCH0177	No	34688	HEXACHLOROBENZENE WET WGTTISMG/KG	05/02/84-09/30/91	7	4	
CHCH0314	No	34688	HEXACHLOROBENZENE WET WGTTISMG/KG	07/07/87-08/19/87	0	2	
CHCH0354	No	34688	HEXACHLOROBENZENE WET WGTTISMG/KG	05/02/84-05/02/84	0	3	
CHCH0099	No	34689	PCB - 1242 WET WGTTISMG/KG	06/12/85-06/12/85	0	3	
CHCH0177	No	34689	PCB - 1242 WET WGTTISMG/KG	05/02/84-05/02/84	0	3	
CHCH0299	No	34689	PCB - 1242 WET WGTTISMG/KG	08/03/82-08/03/82	0	4	
CHCH0313	No	34689	PCB - 1242 WET WGTTISMG/KG	10/24/86-02/15/95	8	71	
CHCH0354	No	34689	PCB - 1242 WET WGTTISMG/KG	08/03/82-05/02/84	1	8	
CHCH0392	No	34689	PCB - 1242 WET WGTTISMG/KG	10/01/92-02/15/95	2	12	
CHCH0419	No	34689	PCB - 1242 WET WGTTISMG/KG	11/16/89-11/17/89	0	10	
CHCH0431	No	34689	PCB - 1242 WET WGTTISMG/KG	11/06/90-10/14/92	1	11	
CHCH0099	No	34690	PCB - 1254 WET WGTTISMG/KG	06/12/85-06/12/85	0	3	
CHCH0177	No	34690	PCB - 1254 WET WGTTISMG/KG	05/02/84-09/30/91	7	4	
CHCH0299	No	34690	PCB - 1254 WET WGTTISMG/KG	08/03/82-08/03/82	0	4	
CHCH0313	No	34690	PCB - 1254 WET WGTTISMG/KG	10/24/86-02/15/95	8	71	
CHCH0354	No	34690	PCB - 1254 WET WGTTISMG/KG	08/03/82-05/02/84	1	8	
CHCH0392	No	34690	PCB - 1254 WET WGTTISMG/KG	10/01/92-02/15/95	2	12	
CHCH0419	No	34690	PCB - 1254 WET WGTTISMG/KG	11/16/89-11/17/89	0	10	
CHCH0431	No	34690	PCB - 1254 WET WGTTISMG/KG	11/06/90-10/14/92	1	11	
CHCH0313	No	34691	TOXAPHENE WET WGTTISMG/KG	10/24/86-11/20/91	5	37	
CHCH0431	No	34691	TOXAPHENE WET WGTTISMG/KG	11/06/90-10/14/92	1	11	
CHCH0055	No	34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0065	No	34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	09/23/91-09/23/91	0	1	
CHCH0085	No	34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	08/21/92-04/15/93	0	3	
CHCH0163	No	34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	06/26/80-06/26/80	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0245	No	34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	07/31/92-03/12/93	0	3	
CHCH0055	No	34695	PHENOL(C6H5OH)-SINGLE COMPOUND DRY WGTTUG/KG	10/01/87-08/02/88	0	2	
CHCH0061	No	34695	PHENOL(C6H5OH)-SINGLE COMPOUND DRY WGTTUG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	34695	PHENOL(C6H5OH)-SINGLE COMPOUND DRY WGTTUG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	34695	PHENOL(C6H5OH)-SINGLE COMPOUND DRY WGTTUG/KG	09/11/80-09/11/80	0	1	
CHCH0107	No	34695	PHENOL(C6H5OH)-SINGLE COMPOUND DRY WGTTUG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	34695	PHENOL(C6H5OH)-SINGLE COMPOUND DRY WGTTUG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	34695	PHENOL(C6H5OH)-SINGLE COMPOUND DRY WGTTUG/KG	09/11/80-09/11/80	0	1	
CHCH0137	No	34695	PHENOL(C6H5OH)-SINGLE COMPOUND DRY WGTTUG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	34695	PHENOL(C6H5OH)-SINGLE COMPOUND DRY WGTTUG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	34695	PHENOL(C6H5OH)-SINGLE COMPOUND DRY WGTTUG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	34695	PHENOL(C6H5OH)-SINGLE COMPOUND DRY WGTTUG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	34695	PHENOL(C6H5OH)-SINGLE COMPOUND DRY WGTTUG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	34695	PHENOL(C6H5OH)-SINGLE COMPOUND DRY WGTTUG/KG	09/11/80-09/11/80	0	1	
CHCH0012	No	34696	NAPHTHALENE TOTWUG/L	08/15/96-08/13/98	1	2	
CHCH0055	No	34696	NAPHTHALENE TOTWUG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	34696	NAPHTHALENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0065	No	34696	NAPHTHALENE TOTWUG/L	09/23/91-09/23/91	0	1	
CHCH0085	No	34696	NAPHTHALENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	34696	NAPHTHALENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	34696	NAPHTHALENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	34696	NAPHTHALENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	34696	NAPHTHALENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	34696	NAPHTHALENE TOTWUG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	34696	NAPHTHALENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	34696	NAPHTHALENE TOTWUG/L	08/21/92-04/15/93	0	3	
CHCH0163	No	34696	NAPHTHALENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	34696	NAPHTHALENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	34696	NAPHTHALENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	34696	NAPHTHALENE TOTWUG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	34696	NAPHTHALENE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	34696	NAPHTHALENE TOTWUG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	34696	NAPHTHALENE TOTWUG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	34696	NAPHTHALENE TOTWUG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	34696	NAPHTHALENE TOTWUG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	34696	NAPHTHALENE TOTWUG/L	07/31/92-03/12/93	0	3	
CHCH0012	No	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	02/12/86-08/13/98	12	12	
CHCH0055	No	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	03/26/91-07/02/91	0	2	
CHCH0065	No	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	09/23/91-09/23/91	0	1	
CHCH0159	No	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	08/21/92-04/15/93	0	3	
CHCH0245	No	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	07/31/92-03/12/93	0	3	
CHCH0012	No	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	02/12/86-08/13/98	12	12	
CHCH0055	No	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	03/26/91-07/02/91	0	2	
CHCH0065	No	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	09/23/91-09/23/91	0	1	
CHCH0159	No	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	08/21/92-04/15/93	0	3	
CHCH0245	No	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	07/31/92-03/12/93	0	3	
CHCH0314	No	34754	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN TISWETWTPG/G	07/07/87-08/19/87	0	2	
CHCH0348	No	34790	SURFACTANTS, AS CTAS, WATER MG/L	10/16/96-10/16/96	0	1	
CHCH0348	No	34795	ANTIMONY,SED,BOT,	10/16/96-10/16/96	0	1	
CHCH0348	No	34800	ARSENIC,SED,BOT,WET SIEVE,	10/16/96-10/16/96	0	1	
CHCH0348	No	34805	BARIUM,SED,BOT,	10/16/96-10/16/96	0	1	
CHCH0348	No	34810	BERYLLIUM,SED,BOT,WET SIEVE,	10/16/96-10/16/96	0	1	
CHCH0348	No	34816	BISMUTH,SED,BOT,WET SIEVE,	10/16/96-10/16/96	0	1	
CHCH0348	No	34825	CADMIUM,SED,BOT,	10/16/96-10/16/96	0	1	
CHCH0348	No	34830	CALCIUM,SED,BOT,	10/16/96-10/16/96	0	1	
CHCH0348	No	34835	CERIUM,SED,BOT,	10/16/96-10/16/96	0	1	
CHCH0348	No	34840	CHROMIUM,SED,BOT,	10/16/96-10/16/96	0	1	
CHCH0348	No	34845	COBALT,SED,BOT,	10/16/96-10/16/96	0	1	
CHCH0348	No	34850	COPPER,SED,BOT,	10/16/96-10/16/96	0	1	
CHCH0348	No	34855	EUROPIUM,SED,BOT,	10/16/96-10/16/96	0	1	
CHCH0348	No	34860	GALLIUM,SED,BOT,	10/16/96-10/16/96	0	1	
CHCH0348	No	34870	GOLD,SED,BOT,	10/16/96-10/16/96	0	1	
CHCH0348	No	34875	HOLMIUM,SED,BOT,	10/16/96-10/16/96	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0348	No	34880	IRON,SED,BOT,	10/16/96-10/16/96	0	1	
CHCH0348	No	34885	LANTHANUM,SED,BOT,	10/16/96-10/16/96	0	1	
CHCH0348	No	34890	LEAD,SED,BOT,	10/16/96-10/16/96	0	1	
CHCH0348	No	34895	LITHIUM,SED,BOT,	10/16/96-10/16/96	0	1	
CHCH0348	No	34900	MAGNESIUM,SED,BOT,	10/16/96-10/16/96	0	1	
CHCH0348	No	34905	MANGANESE,SED,BOT,	10/16/96-10/16/96	0	1	
CHCH0348	No	34910	MERCURY,SED,BOT,	10/16/96-10/16/96	0	1	
CHCH0348	No	34915	MOLYBDENUM,SED,BOT,	10/16/96-10/16/96	0	1	
CHCH0348	No	34920	NEODYMIUM,SED,BOT,	10/16/96-10/16/96	0	1	
CHCH0348	No	34925	NICKEL,SED,BOT,	10/16/96-10/16/96	0	1	
CHCH0348	No	34930	NIOBIUM,SED,BOT,	10/16/96-10/16/96	0	1	
CHCH0348	No	34935	PHOSPHORUS,SED,BOT,	10/16/96-10/16/96	0	1	
CHCH0348	No	34940	POTASSIUM,SED,BOT,	10/16/96-10/16/96	0	1	
CHCH0348	No	34945	SCANDIUM,SED,BOT,	10/16/96-10/16/96	0	1	
CHCH0348	No	34950	SELENIUM,SED,BOT,	10/16/96-10/16/96	0	1	
CHCH0348	No	34955	SILVER,SED,BOT,	10/16/96-10/16/96	0	1	
CHCH0348	No	34960	SODIUM,SED,BOT,	10/16/96-10/16/96	0	1	
CHCH0348	No	34965	STRONTIUM,SED,BOT,	10/16/96-10/16/96	0	1	
CHCH0348	No	34970	SULFUR,SED,BOT,	10/16/96-10/16/96	0	1	
CHCH0348	No	34975	TANTALUM,SED,BOT,	10/16/96-10/16/96	0	1	
CHCH0348	No	34980	THORIUM,SED,BOT,	10/16/96-10/16/96	0	1	
CHCH0348	No	34985	TIN,SED,BOT,	10/16/96-10/16/96	0	1	
CHCH0348	No	35000	URANIUM,SED,BOT,	10/16/96-10/16/96	0	1	
CHCH0348	No	35005	VANADIUM,SED,BOT,	10/16/96-10/16/96	0	1	
CHCH0348	No	35010	YTTRIUM,SED,BOT,	10/16/96-10/16/96	0	1	
CHCH0348	No	35015	YTTERBIUM,SED,BOT,	10/16/96-10/16/96	0	1	
CHCH0348	No	35020	ZINC,SED,BOT,	10/16/96-10/16/96	0	1	
CHCH0092	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	07/14/82-07/14/82	0	1	
CHCH0104	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	07/14/82-07/14/82	0	1	
CHCH0121	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	07/14/82-07/14/82	0	1	
CHCH0125	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	07/14/82-07/14/82	0	1	
CHCH0127	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	07/14/82-07/14/82	0	1	
CHCH0136	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	07/14/82-07/14/82	0	1	
CHCH0142	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	07/14/82-07/14/82	0	1	
CHCH0157	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	07/14/82-07/14/82	0	1	
CHCH0158	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	07/14/82-07/14/82	0	1	
CHCH0160	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	07/14/82-07/14/82	0	1	
CHCH0177	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	11/05/92-11/05/92	0	1	
CHCH0184	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	07/14/82-07/14/82	0	1	
CHCH0254	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	06/19/72-06/23/72	0	5	
CHCH0273	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	03/18/64-03/27/68	4	41	
CHCH0287	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	06/01/74-03/01/80	5	45	
CHCH0311	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	06/23/72-06/23/72	0	1	
CHCH0322	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	06/24/72-06/24/72	0	1	
CHCH0346	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	06/23/72-06/23/72	0	1	
CHCH0012	No	38437	DIBROMOCHLOROPROPANE WATER, TOTUG/L	01/20/88-08/15/96	8	2	
CHCH0348	No	38442	DICAMBA (BANVEL) WATER,DISSUG/L	07/16/96-12/17/96	0	4	
CHCH0348	No	38478	LINURON WATER,DISSUG/L	07/16/96-12/17/96	0	4	
CHCH0348	No	38482	MCPA WATER,DISSUG/L	07/16/96-12/17/96	0	4	
CHCH0348	No	38487	MCPB WATER,DISSUG/L	07/16/96-12/17/96	0	4	
CHCH0348	No	38501	METHIOCARB WATER,DISSUG/L	07/16/96-12/17/96	0	4	
CHCH0348	No	38538	PROPOXUR WATER,DISSUG/L	07/16/96-12/17/96	0	4	
CHCH0012	No	38702	AOP (AMBAM OXIDATION PRODUCT) WATER, SUSUG/L	07/28/95-08/13/98	3	3	
CHCH0055	No	38702	AOP (AMBAM OXIDATION PRODUCT) WATER, SUSUG/L	03/26/91-07/02/91	0	2	
CHCH0348	No	38711	BENTAZON WATER, DISUG/L	07/16/96-12/17/96	0	4	
CHCH0348	No	38746	2,4-DB WATER, DISUG/L	07/16/96-12/17/96	0	4	
CHCH0348	No	38811	FLUOMETURON WATER, DISUG/L	07/16/96-12/17/96	0	4	
CHCH0314	No	38824	ISOPROPALIN TISWETWGTMG/KG	07/07/87-08/19/87	0	2	
CHCH0348	No	38866	OXAMYL WATER, DISUG/L	07/16/96-12/17/96	0	4	
CHCH0348	No	38933	CHLORPYRIFOS,DISSOLVED UG/L	05/28/96-02/14/97	0	6	
CHCH0012	No	39014	DYLOX,FLAME PHOTOMETRIC, WATER SAMPLE (UG/L)	02/12/86-08/14/90	4	8	
CHCH0055	No	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	0	1	
CHCH0065	No	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	09/23/91-09/23/91	0	1	
CHCH0085	No	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	08/21/92-04/15/93	0	3	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0163	No	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	07/31/92-03/12/93	0	3	
CHCH0065	No	39034	PERTHANE IN WHOLE WATER SAMPLE (UG/L)	09/23/91-09/23/91	0	1	
CHCH0055	No	39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	10/15/82-07/02/91	8	4	
CHCH0061	No	39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	09/11/80-09/11/80	0	1	
CHCH0137	No	39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	09/11/80-09/11/80	0	1	
CHCH0159	No	39062	CHLORDANE-CIS ISOMER,WHOLE WATER SAMPL (UG/L)	08/21/92-01/04/93	0	2	
CHCH0245	No	39062	CHLORDANE-CIS ISOMER,WHOLE WATER SAMPL (UG/L)	08/27/92-03/31/93	0	3	
CHCH0276	No	39062	CHLORDANE-CIS ISOMER,WHOLE WATER SAMPL (UG/L)	06/30/92-04/05/93	0	3	
CHCH0326	No	39062	CHLORDANE-CIS ISOMER,WHOLE WATER SAMPL (UG/L)	06/03/92-03/02/93	0	3	
CHCH0459	No	39062	CHLORDANE-CIS ISOMER,WHOLE WATER SAMPL (UG/L)	07/31/92-03/12/93	0	3	
CHCH0099	No	39063	CHLORDANE-CIS ISOMER,TISSUE WET WGT (UG/G)	06/12/85-06/12/85	0	3	
CHCH0177	No	39063	CHLORDANE-CIS ISOMER,TISSUE WET WGT (UG/G)	05/02/84-09/30/91	7	4	
CHCH0299	No	39063	CHLORDANE-CIS ISOMER,TISSUE WET WGT (UG/G)	08/03/82-08/03/82	0	4	
CHCH0313	No	39063	CHLORDANE-CIS ISOMER,TISSUE WET WGT (UG/G)	10/24/86-11/20/91	5	42	
CHCH0314	No	39063	CHLORDANE-CIS ISOMER,TISSUE WET WGT (UG/G)	07/07/87-08/19/87	0	2	
CHCH0354	No	39063	CHLORDANE-CIS ISOMER,TISSUE WET WGT (UG/G)	08/03/82-05/02/84	1	8	
CHCH0419	No	39063	CHLORDANE-CIS ISOMER,TISSUE WET WGT (UG/G)	11/16/89-11/17/89	0	10	
CHCH0431	No	39063	CHLORDANE-CIS ISOMER,TISSUE WET WGT (UG/G)	11/06/90-11/07/90	0	10	
CHCH0159	No	39065	CHLORDANE-TRNS ISOMER,WHOLE WATER SAMPL (UG/L)	08/21/92-01/04/93	0	2	
CHCH0245	No	39065	CHLORDANE-TRNS ISOMER,WHOLE WATER SAMPL (UG/L)	08/27/92-03/31/93	0	3	
CHCH0276	No	39065	CHLORDANE-TRNS ISOMER,WHOLE WATER SAMPL (UG/L)	06/30/92-04/05/93	0	3	
CHCH0326	No	39065	CHLORDANE-TRNS ISOMER,WHOLE WATER SAMPL (UG/L)	06/03/92-03/02/93	0	3	
CHCH0459	No	39065	CHLORDANE-TRNS ISOMER,WHOLE WATER SAMPL (UG/L)	07/31/92-03/12/93	0	3	
CHCH0099	No	39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	06/12/85-06/12/85	0	3	
CHCH0177	No	39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	05/02/84-09/30/91	7	4	
CHCH0299	No	39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	08/03/82-08/03/82	0	4	
CHCH0313	No	39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	10/24/86-02/15/95	8	71	
CHCH0314	No	39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	07/07/87-08/19/87	0	2	
CHCH0354	No	39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	08/03/82-05/02/84	1	8	
CHCH0392	No	39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	10/01/92-02/15/95	2	13	
CHCH0419	No	39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	11/16/89-11/17/89	0	10	
CHCH0431	No	39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	11/06/90-10/14/92	1	11	
CHCH0099	No	39069	CHLORDANE-NONACHLOR,CIS ISO,TISSUE WET WGT(UG/G)	06/12/85-06/12/85	0	3	
CHCH0177	No	39069	CHLORDANE-NONACHLOR,CIS ISO,TISSUE WET WGT(UG/G)	05/02/84-09/30/91	7	4	
CHCH0299	No	39069	CHLORDANE-NONACHLOR,CIS ISO,TISSUE WET WGT(UG/G)	08/03/82-08/03/82	0	4	
CHCH0313	No	39069	CHLORDANE-NONACHLOR,CIS ISO,TISSUE WET WGT(UG/G)	10/24/86-01/11/89	2	5	
CHCH0354	No	39069	CHLORDANE-NONACHLOR,CIS ISO,TISSUE WET WGT(UG/G)	08/03/82-05/02/84	1	8	
CHCH0099	No	39072	CHLORDANE-NONACHLOR,TRANS ISO,TISSUE,WET WT,UG/G	06/12/85-06/12/85	0	3	
CHCH0177	No	39072	CHLORDANE-NONACHLOR,TRANS ISO,TISSUE,WET WT,UG/G	05/02/84-09/30/91	7	4	
CHCH0299	No	39072	CHLORDANE-NONACHLOR,TRANS ISO,TISSUE,WET WT,UG/G	08/03/82-08/03/82	0	4	
CHCH0313	No	39072	CHLORDANE-NONACHLOR,TRANS ISO,TISSUE,WET WT,UG/G	10/24/86-01/11/89	2	5	
CHCH0354	No	39072	CHLORDANE-NONACHLOR,TRANS ISO,TISSUE,WET WT,UG/G	08/03/82-05/02/84	1	8	
CHCH0099	No	39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	06/12/85-06/12/85	0	3	
CHCH0164	No	39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	06/30/81-06/30/81	0	2	
CHCH0177	No	39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	05/02/84-09/30/91	7	4	
CHCH0187	No	39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	06/30/81-06/30/81	0	1	
CHCH0299	No	39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	08/03/82-08/03/82	0	4	
CHCH0313	No	39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	10/24/86-12/09/90	4	14	
CHCH0314	No	39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	07/07/87-08/19/87	0	2	
CHCH0354	No	39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	08/03/82-05/02/84	1	8	
CHCH0431	No	39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	11/06/90-10/14/92	1	11	
CHCH0055	No	39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	10/25/79-07/02/91	11	6	
CHCH0061	No	39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	09/11/80-09/11/80	0	1	
CHCH0085	No	39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	09/11/80-09/11/80	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0090	No	39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	09/11/80-09/11/80	0	1	
CHCH0107	No	39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	09/11/80-09/11/80	0	1	
CHCH0111	No	39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	09/11/80-09/11/80	0	1	
CHCH0122	No	39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	09/11/80-09/11/80	0	1	
CHCH0137	No	39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	09/11/80-09/11/80	0	2	
CHCH0156	No	39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	09/12/80-09/12/80	0	1	
CHCH0163	No	39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	09/12/80-09/12/80	0	1	
CHCH0169	No	39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	09/12/80-09/12/80	0	1	
CHCH0188	No	39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	09/11/80-09/11/80	0	1	
CHCH0189	No	39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	09/11/80-09/11/80	0	1	
CHCH0433	No	39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	05/30/90-08/17/95	5	6	
CHCH0348	No	39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	05/28/96-02/14/97	0	6	
CHCH0055	No	39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0065	No	39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	09/23/91-09/23/91	0	1	
CHCH0085	No	39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	08/21/92-04/15/93	0	3	
CHCH0163	No	39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0171	No	39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	08/21/76-08/21/76	0	1	
CHCH0188	No	39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	07/31/92-03/12/93	0	3	
CHCH0061	No	39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	09/11/80-09/11/80	0	1	
CHCH0107	No	39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	09/11/80-09/11/80	0	1	
CHCH0137	No	39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	09/11/80-09/11/80	0	1	
CHCH0055	No	39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0065	No	39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	09/23/91-09/23/91	0	1	
CHCH0085	No	39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	08/21/92-04/15/93	0	3	
CHCH0163	No	39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0171	No	39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	08/21/76-08/21/76	0	1	
CHCH0188	No	39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	07/31/92-03/12/93	0	3	
CHCH0061	No	39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	0	1	
CHCH0107	No	39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0111	No	39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	0	1	
CHCH0137	No	39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	0	1	
CHCH0055	No	39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	03/26/91-07/02/91	0	2	
CHCH0061	No	39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0065	No	39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	09/23/91-09/23/91	0	1	
CHCH0085	No	39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0090	No	39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0107	No	39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0111	No	39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0122	No	39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0137	No	39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	2	
CHCH0156	No	39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0159	No	39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	08/21/92-04/15/93	0	3	
CHCH0163	No	39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0169	No	39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0188	No	39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0189	No	39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0241	No	39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	06/26/80-06/26/80	0	1	
CHCH0242	No	39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	06/26/80-06/26/80	0	1	
CHCH0245	No	39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	08/27/92-03/31/93	0	3	
CHCH0276	No	39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	06/30/92-04/05/93	0	3	
CHCH0326	No	39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	06/03/92-03/02/93	0	3	
CHCH0459	No	39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	07/31/92-03/12/93	0	3	
CHCH0061	No	39121	BENZIDINE IN BOTTOM DEPOS UG/KG DRY SOLIDS	09/11/80-09/11/80	0	1	
CHCH0085	No	39121	BENZIDINE IN BOTTOM DEPOS UG/KG DRY SOLIDS	09/11/80-09/11/80	0	1	
CHCH0090	No	39121	BENZIDINE IN BOTTOM DEPOS UG/KG DRY SOLIDS	09/11/80-09/11/80	0	1	
CHCH0107	No	39121	BENZIDINE IN BOTTOM DEPOS UG/KG DRY SOLIDS	09/11/80-09/11/80	0	1	
CHCH0111	No	39121	BENZIDINE IN BOTTOM DEPOS UG/KG DRY SOLIDS	09/11/80-09/11/80	0	1	
CHCH0122	No	39121	BENZIDINE IN BOTTOM DEPOS UG/KG DRY SOLIDS	09/11/80-09/11/80	0	1	
CHCH0137	No	39121	BENZIDINE IN BOTTOM DEPOS UG/KG DRY SOLIDS	09/11/80-09/11/80	0	2	
CHCH0156	No	39121	BENZIDINE IN BOTTOM DEPOS UG/KG DRY SOLIDS	09/12/80-09/12/80	0	1	
CHCH0163	No	39121	BENZIDINE IN BOTTOM DEPOS UG/KG DRY SOLIDS	09/12/80-09/12/80	0	1	
CHCH0169	No	39121	BENZIDINE IN BOTTOM DEPOS UG/KG DRY SOLIDS	09/12/80-09/12/80	0	1	
CHCH0188	No	39121	BENZIDINE IN BOTTOM DEPOS UG/KG DRY SOLIDS	09/11/80-09/11/80	0	1	
CHCH0189	No	39121	BENZIDINE IN BOTTOM DEPOS UG/KG DRY SOLIDS	09/11/80-09/11/80	0	1	
CHCH0012	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	02/12/86-08/13/98	12	12	
CHCH0055	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	09/10/80-09/10/80	0	1	
CHCH0065	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	09/23/91-09/23/91	0	1	
CHCH0085	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	08/21/92-04/15/93	0	3	
CHCH0163	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	07/31/92-03/12/93	0	3	
CHCH0012	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	02/12/86-08/13/98	12	12	
CHCH0055	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	09/10/80-09/10/80	0	1	
CHCH0065	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	09/23/91-09/23/91	0	1	
CHCH0085	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	09/10/80-09/10/80	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0137	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	08/21/92-04/15/93	0	3	
CHCH0163	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	09/10/80-09/10/80	0	1	
CHCH0171	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	08/21/76-08/21/76	0	1	
CHCH0188	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	07/31/92-03/12/93	0	3	
CHCH0065	No	39250	NAPTHALENES, POLYCHLORINATED (UG/L)	09/23/91-09/23/91	0	1	
CHCH0055	No	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	03/26/91-07/02/91	0	2	
CHCH0061	No	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0085	No	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0090	No	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0107	No	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0111	No	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0122	No	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0137	No	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	2	
CHCH0156	No	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0159	No	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	08/21/92-01/04/93	0	2	
CHCH0163	No	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0169	No	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0188	No	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0189	No	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0241	No	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	06/26/80-06/26/80	0	1	
CHCH0242	No	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	06/26/80-06/26/80	0	1	
CHCH0245	No	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	08/27/92-03/31/93	0	3	
CHCH0276	No	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	06/30/92-04/05/93	0	3	
CHCH0326	No	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	06/03/92-03/02/93	0	3	
CHCH0459	No	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	07/31/92-03/12/93	0	3	
CHCH0055	No	39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/16/73-07/02/91	17	2	
CHCH0061	No	39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/11/80-09/11/80	0	1	
CHCH0085	No	39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/11/80-09/11/80	0	1	
CHCH0090	No	39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/11/80-09/11/80	0	1	
CHCH0107	No	39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/11/80-09/11/80	0	1	
CHCH0111	No	39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/11/80-09/11/80	0	1	
CHCH0122	No	39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/11/80-09/11/80	0	1	
CHCH0137	No	39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/11/80-09/11/80	0	2	
CHCH0156	No	39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/12/80-09/12/80	0	1	
CHCH0163	No	39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/12/80-09/12/80	0	1	
CHCH0169	No	39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/12/80-09/12/80	0	1	
CHCH0188	No	39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/11/80-09/11/80	0	1	
CHCH0189	No	39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/11/80-09/11/80	0	1	
CHCH0433	No	39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/30/90-08/17/95	5	6	
CHCH0099	No	39302	P P DDT IN TISSUE WET WGT (UG/G)	06/12/85-06/12/85	0	3	
CHCH0164	No	39302	P P DDT IN TISSUE WET WGT (UG/G)	06/30/81-06/30/81	0	1	
CHCH0177	No	39302	P P DDT IN TISSUE WET WGT (UG/G)	05/02/84-09/30/91	7	4	
CHCH0299	No	39302	P P DDT IN TISSUE WET WGT (UG/G)	08/03/82-08/03/82	0	4	
CHCH0313	No	39302	P P DDT IN TISSUE WET WGT (UG/G)	10/24/86-02/15/95	8	39	
CHCH0354	No	39302	P P DDT IN TISSUE WET WGT (UG/G)	08/03/82-05/02/84	1	8	
CHCH0392	No	39302	P P DDT IN TISSUE WET WGT (UG/G)	11/18/94-02/15/95	0	4	
CHCH0431	No	39302	P P DDT IN TISSUE WET WGT (UG/G)	11/06/90-10/14/92	1	11	
CHCH0055	No	39306	O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/16/73-11/16/73	0	1	
CHCH0099	No	39307	O P DDT IN TISSUE WET WGT (UG/G)	06/12/85-06/12/85	0	3	
CHCH0164	No	39307	O P DDT IN TISSUE WET WGT (UG/G)	06/30/81-06/30/81	0	1	
CHCH0177	No	39307	O P DDT IN TISSUE WET WGT (UG/G)	05/02/84-09/30/91	7	4	
CHCH0299	No	39307	O P DDT IN TISSUE WET WGT (UG/G)	08/03/82-08/03/82	0	4	
CHCH0313	No	39307	O P DDT IN TISSUE WET WGT (UG/G)	11/09/94-02/15/95	0	2	
CHCH0354	No	39307	O P DDT IN TISSUE WET WGT (UG/G)	08/03/82-05/02/84	1	8	
CHCH0392	No	39307	O P DDT IN TISSUE WET WGT (UG/G)	11/18/94-02/15/95	0	4	
CHCH0055	No	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	03/26/91-07/02/91	0	2	
CHCH0061	No	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0085	No	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0090	No	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0107	No	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0111	No	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0122	No	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0137	No	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	2	
CHCH0156	No	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0159	No	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	08/21/92-01/04/93	0	2	
CHCH0163	No	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0169	No	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0188	No	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0189	No	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0241	No	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	06/26/80-06/26/80	0	1	
CHCH0242	No	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	06/26/80-06/26/80	0	1	
CHCH0245	No	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	08/27/92-03/31/93	0	3	
CHCH0276	No	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	06/30/92-04/05/93	0	3	
CHCH0326	No	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	06/03/92-03/02/93	0	3	
CHCH0459	No	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	07/31/92-03/12/93	0	3	
CHCH0055	No	39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/16/73-07/02/91	17	2	
CHCH0061	No	39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/11/80-09/11/80	0	1	
CHCH0085	No	39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/11/80-09/11/80	0	1	
CHCH0090	No	39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/11/80-09/11/80	0	1	
CHCH0107	No	39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/11/80-09/11/80	0	1	
CHCH0111	No	39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/11/80-09/11/80	0	1	
CHCH0122	No	39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/11/80-09/11/80	0	1	
CHCH0137	No	39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/11/80-09/11/80	0	2	
CHCH0156	No	39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/12/80-09/12/80	0	1	
CHCH0163	No	39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/12/80-09/12/80	0	1	
CHCH0169	No	39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/12/80-09/12/80	0	1	
CHCH0188	No	39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/11/80-09/11/80	0	1	
CHCH0189	No	39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/11/80-09/11/80	0	1	
CHCH0433	No	39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/30/90-08/17/95	5	6	
CHCH0099	No	39312	P P DDD IN TISSUE WET WGT (UG/G)	06/12/85-06/12/85	0	3	
CHCH0177	No	39312	P P DDD IN TISSUE WET WGT (UG/G)	05/02/84-09/30/91	7	4	
CHCH0299	No	39312	P P DDD IN TISSUE WET WGT (UG/G)	08/03/82-08/03/82	0	4	
CHCH0313	No	39312	P P DDD IN TISSUE WET WGT (UG/G)	10/24/86-02/15/95	8	39	
CHCH0354	No	39312	P P DDD IN TISSUE WET WGT (UG/G)	08/03/82-05/02/84	1	8	
CHCH0392	No	39312	P P DDD IN TISSUE WET WGT (UG/G)	11/18/94-02/15/95	0	4	
CHCH0431	No	39312	P P DDD IN TISSUE WET WGT (UG/G)	11/06/90-10/14/92	1	11	
CHCH0314	No	39319	MONOCHLOROBIPHENYL,TOTAL, TISSUE,WET,WT,MG/KG	07/07/87-08/19/87	0	2	
CHCH0055	No	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	03/26/91-07/02/91	0	2	
CHCH0061	No	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0085	No	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0090	No	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0107	No	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0111	No	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0122	No	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0137	No	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	2	
CHCH0156	No	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0159	No	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	08/21/92-01/04/93	0	2	
CHCH0163	No	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0169	No	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0188	No	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0189	No	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0241	No	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	06/26/80-06/26/80	0	1	
CHCH0242	No	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	06/26/80-06/26/80	0	1	
CHCH0245	No	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	08/27/92-03/31/93	0	3	
CHCH0276	No	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	06/30/92-04/05/93	0	3	
CHCH0326	No	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	06/03/92-03/02/93	0	3	
CHCH0459	No	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	07/31/92-03/12/93	0	3	
CHCH0055	No	39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/16/73-07/02/91	17	2	
CHCH0061	No	39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/11/80-09/11/80	0	1	
CHCH0085	No	39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/11/80-09/11/80	0	1	
CHCH0090	No	39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/11/80-09/11/80	0	1	
CHCH0107	No	39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/11/80-09/11/80	0	1	
CHCH0111	No	39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/11/80-09/11/80	0	1	
CHCH0122	No	39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/11/80-09/11/80	0	1	
CHCH0137	No	39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/11/80-09/11/80	0	2	
CHCH0156	No	39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/12/80-09/12/80	0	1	
CHCH0163	No	39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/12/80-09/12/80	0	1	
CHCH0169	No	39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/12/80-09/12/80	0	1	
CHCH0188	No	39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/11/80-09/11/80	0	1	
CHCH0189	No	39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/11/80-09/11/80	0	1	
CHCH0433	No	39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/30/90-08/17/95	5	6	
CHCH0099	No	39322	P,P'-DDE IN TISSUE WET WGT MG/KG	06/12/85-06/12/85	0	3	
CHCH0177	No	39322	P,P'-DDE IN TISSUE WET WGT MG/KG	05/02/84-09/30/91	7	4	
CHCH0299	No	39322	P,P'-DDE IN TISSUE WET WGT MG/KG	08/03/82-08/03/82	0	4	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0313	No	39322	P,P'-DDE IN TISSUE WET WGT MG/KG	10/24/86-02/15/95	8	39	
CHCH0314	No	39322	P,P'-DDE IN TISSUE WET WGT MG/KG	07/07/87-08/19/87	0	2	
CHCH0354	No	39322	P,P'-DDE IN TISSUE WET WGT MG/KG	08/03/82-05/02/84	1	8	
CHCH0392	No	39322	P,P'-DDE IN TISSUE WET WGT MG/KG	11/18/94-02/15/95	0	4	
CHCH0431	No	39322	P,P'-DDE IN TISSUE WET WGT MG/KG	11/06/90-10/14/92	1	11	
CHCH0099	No	39325	O,P DDD IN TISSUE WET WGT (UG/G)	06/12/85-06/12/85	0	3	
CHCH0177	No	39325	O,P DDD IN TISSUE WET WGT (UG/G)	05/02/84-09/30/91	7	4	
CHCH0299	No	39325	O,P DDD IN TISSUE WET WGT (UG/G)	08/03/82-08/03/82	0	4	
CHCH0313	No	39325	O,P DDD IN TISSUE WET WGT (UG/G)	11/09/94-02/15/95	0	2	
CHCH0354	No	39325	O,P DDD IN TISSUE WET WGT (UG/G)	08/03/82-05/02/84	1	8	
CHCH0392	No	39325	O,P DDD IN TISSUE WET WGT (UG/G)	11/18/94-02/15/95	0	4	
CHCH0099	No	39329	O,P DDE IN TISSUE, WET WGT(UG/G)	06/12/85-06/12/85	0	3	
CHCH0177	No	39329	O,P DDE IN TISSUE, WET WGT(UG/G)	05/02/84-09/30/91	7	4	
CHCH0299	No	39329	O,P DDE IN TISSUE, WET WGT(UG/G)	08/03/82-08/03/82	0	4	
CHCH0313	No	39329	O,P DDE IN TISSUE, WET WGT(UG/G)	11/09/94-02/15/95	0	2	
CHCH0354	No	39329	O,P DDE IN TISSUE, WET WGT(UG/G)	08/03/82-05/02/84	1	8	
CHCH0392	No	39329	O,P DDE IN TISSUE, WET WGT(UG/G)	11/18/94-02/15/95	0	4	
CHCH0055	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	03/26/91-07/02/91	0	2	
CHCH0061	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0065	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	09/23/91-09/23/91	0	1	
CHCH0085	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0090	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0107	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0111	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0122	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0137	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	2	
CHCH0156	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0159	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	08/21/92-01/04/93	0	2	
CHCH0163	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0169	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0188	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0189	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0241	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	06/26/80-06/26/80	0	1	
CHCH0242	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	06/26/80-06/26/80	0	1	
CHCH0245	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	08/27/92-03/31/93	0	3	
CHCH0266	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	11/28/72-01/03/73	0	9	
CHCH0267	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	11/28/72-01/03/73	0	8	
CHCH0276	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	06/30/92-04/05/93	0	3	
CHCH0326	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	06/03/92-03/02/93	0	3	
CHCH0459	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	07/31/92-03/12/93	0	3	
CHCH0055	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/16/73-07/02/91	17	10	
CHCH0061	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/11/80-09/11/80	0	1	
CHCH0085	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/11/80-09/11/80	0	1	
CHCH0090	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/11/80-09/11/80	0	1	
CHCH0107	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/11/80-09/11/80	0	1	
CHCH0111	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/11/80-09/11/80	0	1	
CHCH0122	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/11/80-09/11/80	0	1	
CHCH0137	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/11/80-09/11/80	0	2	
CHCH0156	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/12/80-09/12/80	0	1	
CHCH0163	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/12/80-09/12/80	0	1	
CHCH0169	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/12/80-09/12/80	0	1	
CHCH0188	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/11/80-09/11/80	0	1	
CHCH0189	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/11/80-09/11/80	0	1	
CHCH0433	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/30/90-08/17/95	5	6	
CHCH0314	No	39335	DICHLOROBIPHENYL,TOTAL, TISSUE,WET,WT,MG/KG	07/07/87-08/19/87	0	2	
CHCH0055	No	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	03/26/91-07/02/91	0	2	
CHCH0061	No	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	09/10/80-09/10/80	0	1	
CHCH0085	No	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	09/10/80-09/10/80	0	1	
CHCH0090	No	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	09/10/80-09/10/80	0	1	
CHCH0107	No	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	09/10/80-09/10/80	0	1	
CHCH0111	No	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	09/10/80-09/10/80	0	1	
CHCH0122	No	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	09/10/80-09/10/80	0	1	
CHCH0137	No	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	09/10/80-09/10/80	0	2	
CHCH0156	No	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	09/10/80-09/10/80	0	1	
CHCH0159	No	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	08/21/92-01/04/93	0	2	
CHCH0163	No	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	09/10/80-09/10/80	0	1	
CHCH0169	No	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	09/10/80-09/10/80	0	1	
CHCH0188	No	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	09/10/80-09/10/80	0	1	
CHCH0189	No	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	09/10/80-09/10/80	0	1	
CHCH0241	No	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	06/26/80-06/26/80	0	1	
CHCH0242	No	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	06/26/80-06/26/80	0	1	
CHCH0245	No	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	08/27/92-03/31/93	0	3	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0276	No	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	06/30/92-04/05/93	0	3	
CHCH0326	No	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	06/03/92-03/02/93	0	3	
CHCH0459	No	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	07/31/92-03/12/93	0	3	
CHCH0055	No	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	03/26/91-07/02/91	0	2	
CHCH0061	No	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	09/10/80-09/10/80	0	1	
CHCH0085	No	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	09/10/80-09/10/80	0	1	
CHCH0090	No	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	09/10/80-09/10/80	0	1	
CHCH0107	No	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	09/10/80-09/10/80	0	1	
CHCH0111	No	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	09/10/80-09/10/80	0	1	
CHCH0122	No	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	09/10/80-09/10/80	0	1	
CHCH0137	No	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	09/10/80-09/10/80	0	2	
CHCH0156	No	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	09/10/80-09/10/80	0	1	
CHCH0159	No	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	08/21/92-01/04/93	0	2	
CHCH0163	No	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	09/10/80-09/10/80	0	1	
CHCH0169	No	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	09/10/80-09/10/80	0	1	
CHCH0188	No	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	09/10/80-09/10/80	0	1	
CHCH0189	No	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	09/10/80-09/10/80	0	1	
CHCH0241	No	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	06/26/80-06/26/80	0	1	
CHCH0242	No	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	06/26/80-06/26/80	0	1	
CHCH0245	No	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	08/27/92-03/31/93	0	3	
CHCH0276	No	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	06/30/92-04/05/93	0	3	
CHCH0326	No	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	06/03/92-03/02/93	0	3	
CHCH0459	No	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	07/31/92-03/12/93	0	3	
CHCH0314	No	39339	TRICHLOROBIPHENYL,TOTAL, TISSUE,WET,WT,MG/KG	07/07/87-08/19/87	0	2	
CHCH0055	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0065	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	09/23/91-09/23/91	0	1	
CHCH0085	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	08/21/92-01/04/93	0	2	
CHCH0163	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	07/31/92-03/12/93	0	3	
CHCH0348	No	39341	GAMMA-BHC(LINDANE),DISSOLVED,UG/L	05/28/96-02/14/97	0	6	
CHCH0055	No	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	08/02/88-07/02/91	2	2	
CHCH0061	No	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	0	1	
CHCH0107	No	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	0	1	
CHCH0137	No	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	0	1	
CHCH0433	No	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	05/30/90-08/17/95	5	6	
CHCH0314	No	39345	TETRACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	07/07/87-08/19/87	0	2	
CHCH0314	No	39347	PENTACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	07/07/87-08/19/87	0	2	
CHCH0055	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0065	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	09/23/91-09/23/91	0	1	
CHCH0085	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0159	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	08/21/92-01/04/93	0	2	
CHCH0163	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	08/27/92-03/31/93	0	3	
CHCH0266	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	11/28/72-01/03/73	0	9	
CHCH0267	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	11/28/72-01/03/73	0	8	
CHCH0276	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	07/31/92-03/12/93	0	3	
CHCH0055	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	10/25/79-07/02/91	11	6	
CHCH0061	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	0	1	
CHCH0107	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	0	1	
CHCH0137	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	0	1	
CHCH0433	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	05/30/90-08/17/95	5	6	
CHCH0314	No	39354	HEPTACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	07/07/87-08/19/87	0	2	
CHCH0314	No	39355	OCTACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	07/07/87-08/19/87	0	2	
CHCH0055	No	39359	DDT SUM ANALOGS IN SEDIMENT UG/KG DRY WEIGHT	10/30/85-07/02/91	5	4	
CHCH0065	No	39360	DDD IN WHOLE WATER SAMPLE (UG/L)	09/23/91-09/23/91	0	1	
CHCH0266	No	39360	DDD IN WHOLE WATER SAMPLE (UG/L)	11/28/72-01/03/73	0	9	
CHCH0267	No	39360	DDD IN WHOLE WATER SAMPLE (UG/L)	11/28/72-01/03/73	0	8	
CHCH0055	No	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/29/74-07/14/75	0	3	
CHCH0065	No	39365	DDE IN WHOLE WATER SAMPLE (UG/L)	09/23/91-09/23/91	0	1	
CHCH0266	No	39365	DDE IN WHOLE WATER SAMPLE (UG/L)	11/28/72-01/03/73	0	9	
CHCH0267	No	39365	DDE IN WHOLE WATER SAMPLE (UG/L)	11/28/72-01/03/73	0	8	
CHCH0055	No	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/29/74-07/14/75	0	3	
CHCH0065	No	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	09/23/91-09/23/91	0	1	
CHCH0266	No	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	11/28/72-01/03/73	0	9	
CHCH0267	No	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	11/28/72-01/03/73	0	8	
CHCH0055	No	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/29/74-10/15/82	8	5	
CHCH0055	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	03/26/91-07/02/91	0	2	
CHCH0061	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0065	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	09/23/91-09/23/91	0	1	
CHCH0085	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0090	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0107	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0111	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0122	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0137	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	2	
CHCH0156	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0159	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	08/21/92-01/04/93	0	2	
CHCH0163	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0169	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0188	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0189	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0241	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	06/26/80-06/26/80	0	1	
CHCH0242	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	06/26/80-06/26/80	0	1	
CHCH0245	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	08/27/92-03/31/93	0	3	
CHCH0266	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	11/28/72-01/03/73	0	9	
CHCH0267	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	11/28/72-01/03/73	0	8	
CHCH0276	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	06/30/92-04/05/93	0	3	
CHCH0326	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	06/03/92-03/02/93	0	3	
CHCH0459	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	07/31/92-03/12/93	0	3	
CHCH0348	No	39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	05/28/96-02/14/97	0	6	
CHCH0055	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	07/29/74-07/02/91	16	9	
CHCH0061	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/11/80-09/11/80	0	1	
CHCH0085	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/11/80-09/11/80	0	1	
CHCH0090	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/11/80-09/11/80	0	1	
CHCH0107	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/11/80-09/11/80	0	1	
CHCH0111	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/11/80-09/11/80	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0122	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/11/80-09/11/80	0	1	
CHCH0137	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/11/80-09/11/80	0	2	
CHCH0156	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/12/80-09/12/80	0	1	
CHCH0163	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/12/80-09/12/80	0	1	
CHCH0169	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/12/80-09/12/80	0	1	
CHCH0188	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/11/80-09/11/80	0	1	
CHCH0189	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/11/80-09/11/80	0	1	
CHCH0433	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	05/30/90-08/17/95	5	6	
CHCH0065	No	39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	09/23/91-09/23/91	0	1	
CHCH0012	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	02/12/86-08/14/90	4	9	
CHCH0055	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	03/26/91-07/02/91	0	2	
CHCH0061	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0065	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	09/23/91-09/23/91	0	1	
CHCH0085	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0090	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0107	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0111	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0122	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0137	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	2	
CHCH0156	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0159	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	08/21/92-01/04/93	0	2	
CHCH0163	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0169	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0188	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0189	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0241	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	06/26/80-06/26/80	0	1	
CHCH0242	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	06/26/80-06/26/80	0	1	
CHCH0245	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	08/27/92-03/31/93	0	3	
CHCH0266	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	11/28/72-01/03/73	0	9	
CHCH0267	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	11/28/72-01/03/73	0	8	
CHCH0276	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	06/30/92-04/05/93	0	3	
CHCH0326	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	06/03/92-03/02/93	0	3	
CHCH0459	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	07/31/92-03/12/93	0	3	
CHCH0055	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/25/79-07/02/91	11	6	
CHCH0061	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/11/80-09/11/80	0	1	
CHCH0085	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/11/80-09/11/80	0	1	
CHCH0090	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/11/80-09/11/80	0	1	
CHCH0107	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/11/80-09/11/80	0	1	
CHCH0111	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/11/80-09/11/80	0	1	
CHCH0122	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/11/80-09/11/80	0	1	
CHCH0137	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/11/80-09/11/80	0	2	
CHCH0156	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/12/80-09/12/80	0	1	
CHCH0163	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/12/80-09/12/80	0	1	
CHCH0169	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/12/80-09/12/80	0	1	
CHCH0188	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/11/80-09/11/80	0	1	
CHCH0189	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/11/80-09/11/80	0	1	
CHCH0433	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/30/90-08/17/95	5	6	
CHCH0266	No	39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	11/28/72-01/03/73	0	9	
CHCH0267	No	39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	11/28/72-01/03/73	0	7	
CHCH0012	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	02/12/86-08/14/90	4	9	
CHCH0055	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	03/26/91-07/02/91	0	2	
CHCH0061	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0065	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	09/23/91-09/23/91	0	1	
CHCH0085	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0090	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0107	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0111	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0122	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0137	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	2	
CHCH0156	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0159	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	08/21/92-01/04/93	0	2	
CHCH0163	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0169	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0188	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0189	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0241	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	06/26/80-06/26/80	0	1	
CHCH0242	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	06/26/80-06/26/80	0	1	
CHCH0245	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	08/27/92-03/31/93	0	3	
CHCH0266	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	11/28/72-01/03/73	0	9	
CHCH0267	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	11/28/72-01/03/73	0	8	
CHCH0276	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	06/30/92-04/05/93	0	3	
CHCH0326	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	06/03/92-03/02/93	0	3	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0459	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	07/31/92-03/12/93	0	3	
CHCH0055	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	11/16/73-07/02/91	17	10	
CHCH0061	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/11/80-09/11/80	0	1	
CHCH0085	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/11/80-09/11/80	0	1	
CHCH0090	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/11/80-09/11/80	0	1	
CHCH0107	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/11/80-09/11/80	0	1	
CHCH0111	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/11/80-09/11/80	0	1	
CHCH0122	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/11/80-09/11/80	0	1	
CHCH0137	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/11/80-09/11/80	0	2	
CHCH0156	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/12/80-09/12/80	0	1	
CHCH0163	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/12/80-09/12/80	0	1	
CHCH0169	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/12/80-09/12/80	0	1	
CHCH0188	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/11/80-09/11/80	0	1	
CHCH0189	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/11/80-09/11/80	0	1	
CHCH0433	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	05/30/90-08/17/95	5	6	
CHCH0099	No	39404	DIELDRIN IN TISSUE WET WGT (UG/G)	06/12/85-06/12/85	0	3	
CHCH0142	No	39404	DIELDRIN IN TISSUE WET WGT (UG/G)	06/30/81-06/30/81	0	1	
CHCH0164	No	39404	DIELDRIN IN TISSUE WET WGT (UG/G)	06/30/81-06/30/81	0	1	
CHCH0177	No	39404	DIELDRIN IN TISSUE WET WGT (UG/G)	05/02/84-09/30/91	7	4	
CHCH0299	No	39404	DIELDRIN IN TISSUE WET WGT (UG/G)	08/03/82-08/03/82	0	4	
CHCH0313	No	39404	DIELDRIN IN TISSUE WET WGT (UG/G)	10/24/86-11/20/91	5	37	
CHCH0314	No	39404	DIELDRIN IN TISSUE WET WGT (UG/G)	07/07/87-08/19/87	0	2	
CHCH0354	No	39404	DIELDRIN IN TISSUE WET WGT (UG/G)	08/03/82-05/02/84	1	8	
CHCH0431	No	39404	DIELDRIN IN TISSUE WET WGT (UG/G)	11/06/90-10/14/92	1	11	
CHCH0314	No	39408	NONACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	07/07/87-08/19/87	0	2	
CHCH0314	No	39409	DECACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	07/07/87-08/19/87	0	2	
CHCH0055	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	03/26/91-07/02/91	0	2	
CHCH0061	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0065	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	09/23/91-09/23/91	0	1	
CHCH0085	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0090	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0107	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0111	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0122	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0137	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	2	
CHCH0156	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0159	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	08/21/92-01/04/93	0	2	
CHCH0163	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0169	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0188	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0189	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0241	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	06/26/80-06/26/80	0	1	
CHCH0242	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	06/26/80-06/26/80	0	1	
CHCH0245	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	08/27/92-03/31/93	0	3	
CHCH0266	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	11/28/72-01/03/73	0	9	
CHCH0267	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	11/28/72-01/03/73	0	8	
CHCH0276	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	06/30/92-04/05/93	0	3	
CHCH0326	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	06/03/92-03/02/93	0	3	
CHCH0459	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	07/31/92-03/12/93	0	3	
CHCH0055	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	11/16/73-07/02/91	17	5	
CHCH0061	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	09/11/80-09/11/80	0	1	
CHCH0085	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	09/11/80-09/11/80	0	1	
CHCH0090	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	09/11/80-09/11/80	0	1	
CHCH0107	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	09/11/80-09/11/80	0	1	
CHCH0111	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	09/11/80-09/11/80	0	1	
CHCH0122	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	09/11/80-09/11/80	0	1	
CHCH0137	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	09/11/80-09/11/80	0	2	
CHCH0156	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	09/12/80-09/12/80	0	1	
CHCH0163	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	09/12/80-09/12/80	0	1	
CHCH0169	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	09/12/80-09/12/80	0	1	
CHCH0188	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	09/11/80-09/11/80	0	1	
CHCH0189	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	09/11/80-09/11/80	0	1	
CHCH0433	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	05/30/90-08/17/95	5	6	
CHCH0348	No	39415	METOLACHLOR, WATER, DISSOLVED UG/L	05/28/96-02/14/97	0	6	
CHCH0055	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	03/26/91-07/02/91	0	2	
CHCH0061	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0065	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	09/23/91-09/23/91	0	1	
CHCH0085	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0090	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0107	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0111	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0122	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0137	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	2	
CHCH0156	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0159	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	08/21/92-01/04/93	0	2	
CHCH0163	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0169	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0188	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0189	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0241	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	06/26/80-06/26/80	0	1	
CHCH0242	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	06/26/80-06/26/80	0	1	
CHCH0245	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	08/27/92-03/31/93	0	3	
CHCH0266	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	11/28/72-01/03/73	0	9	
CHCH0267	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	11/28/72-01/03/73	0	8	
CHCH0276	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	06/30/92-04/05/93	0	3	
CHCH0326	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	06/03/92-03/02/93	0	3	
CHCH0459	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	07/31/92-03/12/93	0	3	
CHCH0055	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	11/16/73-07/02/91	17	5	
CHCH0061	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	09/11/80-09/11/80	0	1	
CHCH0085	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	09/11/80-09/11/80	0	1	
CHCH0090	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	09/11/80-09/11/80	0	1	
CHCH0107	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	09/11/80-09/11/80	0	1	
CHCH0111	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	09/11/80-09/11/80	0	1	
CHCH0122	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	09/11/80-09/11/80	0	1	
CHCH0137	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	09/11/80-09/11/80	0	2	
CHCH0156	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	09/12/80-09/12/80	0	1	
CHCH0163	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	09/12/80-09/12/80	0	1	
CHCH0169	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	09/12/80-09/12/80	0	1	
CHCH0188	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	09/11/80-09/11/80	0	1	
CHCH0189	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	09/11/80-09/11/80	0	1	
CHCH0433	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	05/30/90-08/17/95	5	6	
CHCH0266	No	39460	CHLOROBENZILATE IN WHOLE WATER SAMPLE (UG/L)	11/28/72-01/03/73	0	9	
CHCH0267	No	39460	CHLOROBENZILATE IN WHOLE WATER SAMPLE (UG/L)	11/28/72-01/03/73	0	8	
CHCH0012	No	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	02/12/86-08/14/90	4	9	
CHCH0055	No	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	03/26/91-07/02/91	0	2	
CHCH0065	No	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	09/23/91-09/23/91	0	1	
CHCH0266	No	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	11/28/72-01/03/73	0	9	
CHCH0267	No	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	11/28/72-01/03/73	0	8	
CHCH0055	No	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	10/25/79-07/02/91	11	6	
CHCH0433	No	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	07/23/91-08/17/95	4	4	
CHCH0055	No	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	0	1	
CHCH0065	No	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	09/23/91-09/23/91	0	1	
CHCH0085	No	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	08/21/92-01/04/93	0	2	
CHCH0163	No	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	07/31/92-03/12/93	0	3	
CHCH0055	No	39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	07/02/91-07/02/91	0	1	
CHCH0061	No	39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	09/11/80-09/11/80	0	1	
CHCH0107	No	39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	09/11/80-09/11/80	0	1	
CHCH0137	No	39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	09/11/80-09/11/80	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0433	No	39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	05/30/90-08/17/95	5	6	
CHCH0055	No	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	0	1	
CHCH0065	No	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	09/23/91-09/23/91	0	1	
CHCH0085	No	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	08/21/92-01/04/93	0	2	
CHCH0163	No	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	07/31/92-03/12/93	0	3	
CHCH0055	No	39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	07/02/91-07/02/91	0	1	
CHCH0061	No	39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	09/11/80-09/11/80	0	1	
CHCH0107	No	39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	09/11/80-09/11/80	0	1	
CHCH0137	No	39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	09/11/80-09/11/80	0	1	
CHCH0433	No	39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	05/30/90-08/17/95	5	6	
CHCH0055	No	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	0	1	
CHCH0065	No	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	09/23/91-09/23/91	0	1	
CHCH0085	No	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	08/21/92-01/04/93	0	2	
CHCH0163	No	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	07/31/92-03/12/93	0	3	
CHCH0055	No	39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	07/02/91-07/02/91	0	1	
CHCH0061	No	39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	09/11/80-09/11/80	0	1	
CHCH0107	No	39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	09/11/80-09/11/80	0	1	
CHCH0137	No	39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	09/11/80-09/11/80	0	1	
CHCH0433	No	39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	05/30/90-08/17/95	5	6	
CHCH0055	No	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	03/26/91-07/02/91	0	2	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0061	No	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	0	1	
CHCH0065	No	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	09/23/91-09/23/91	0	1	
CHCH0085	No	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	08/21/92-01/04/93	0	2	
CHCH0163	No	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	07/31/92-03/12/93	0	3	
CHCH0055	No	39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	07/02/91-07/02/91	0	1	
CHCH0061	No	39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/11/80-09/11/80	0	1	
CHCH0107	No	39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/11/80-09/11/80	0	1	
CHCH0137	No	39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/11/80-09/11/80	0	1	
CHCH0433	No	39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	05/30/90-08/17/95	5	6	
CHCH0055	No	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	0	1	
CHCH0065	No	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	09/23/91-09/23/91	0	1	
CHCH0085	No	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	08/21/92-01/04/93	0	2	
CHCH0163	No	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	07/31/92-03/12/93	0	3	
CHCH0055	No	39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	07/02/91-07/02/91	0	1	
CHCH0061	No	39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/11/80-09/11/80	0	1	
CHCH0107	No	39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/11/80-09/11/80	0	1	
CHCH0137	No	39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/11/80-09/11/80	0	1	
CHCH0433	No	39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	05/30/90-08/17/95	5	6	
CHCH0055	No	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	0	1	
CHCH0065	No	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	09/23/91-09/23/91	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0085	No	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	0	1	
CHCH0159	No	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	08/21/92-01/04/93	0	2	
CHCH0163	No	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	0	1	
CHCH0189	No	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	0	1	
CHCH0241	No	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	06/26/80-06/26/80	0	1	
CHCH0242	No	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	06/26/80-06/26/80	0	1	
CHCH0245	No	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	07/31/92-03/12/93	0	3	
CHCH0055	No	39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	07/02/91-07/02/91	0	1	
CHCH0061	No	39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/11/80-09/11/80	0	1	
CHCH0107	No	39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/11/80-09/11/80	0	1	
CHCH0137	No	39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/11/80-09/11/80	0	1	
CHCH0433	No	39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	05/30/90-08/17/95	5	6	
CHCH0055	No	39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	07/02/91-07/02/91	0	1	
CHCH0061	No	39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	09/11/80-09/11/80	0	1	
CHCH0085	No	39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	09/11/80-09/11/80	0	1	
CHCH0090	No	39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	09/11/80-09/11/80	0	1	
CHCH0107	No	39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	09/11/80-09/11/80	0	1	
CHCH0111	No	39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	09/11/80-09/11/80	0	1	
CHCH0122	No	39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	09/11/80-09/11/80	0	1	
CHCH0137	No	39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	09/11/80-09/11/80	0	2	
CHCH0156	No	39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	09/12/80-09/12/80	0	1	
CHCH0163	No	39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	09/12/80-09/12/80	0	1	
CHCH0169	No	39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	09/12/80-09/12/80	0	1	
CHCH0188	No	39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	09/11/80-09/11/80	0	1	
CHCH0189	No	39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	09/11/80-09/11/80	0	1	
CHCH0433	No	39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	05/30/90-08/17/95	5	6	
CHCH0086	No	39515	PCBS (MG/KG) FISH TISSUE MG/KG	06/30/81-06/30/81	0	1	
CHCH0091	No	39515	PCBS (MG/KG) FISH TISSUE MG/KG	06/30/81-06/30/81	0	3	
CHCH0099	No	39515	PCBS (MG/KG) FISH TISSUE MG/KG	06/12/85-06/12/85	0	3	
CHCH0142	No	39515	PCBS (MG/KG) FISH TISSUE MG/KG	06/30/81-06/30/81	0	1	
CHCH0164	No	39515	PCBS (MG/KG) FISH TISSUE MG/KG	06/30/81-06/30/81	0	4	
CHCH0177	No	39515	PCBS (MG/KG) FISH TISSUE MG/KG	05/02/84-05/02/84	0	3	
CHCH0187	No	39515	PCBS (MG/KG) FISH TISSUE MG/KG	06/30/81-06/30/81	0	3	
CHCH0299	No	39515	PCBS (MG/KG) FISH TISSUE MG/KG	07/12/78-08/03/82	4	10	
CHCH0301	No	39515	PCBS (MG/KG) FISH TISSUE MG/KG	10/19/76-10/19/76	0	5	
CHCH0313	No	39515	PCBS (MG/KG) FISH TISSUE MG/KG	10/24/86-12/09/90	4	27	
CHCH0354	No	39515	PCBS (MG/KG) FISH TISSUE MG/KG	07/11/78-05/02/84	5	15	
CHCH0419	No	39515	PCBS (MG/KG) FISH TISSUE MG/KG	11/16/89-11/17/89	0	10	
CHCH0431	No	39515	PCBS (MG/KG) FISH TISSUE MG/KG	11/06/90-11/07/90	0	10	
CHCH0012	No	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	02/12/86-08/14/90	4	9	
CHCH0065	No	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	09/23/91-09/23/91	0	1	
CHCH0266	No	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	11/28/72-01/03/73	0	9	
CHCH0267	No	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	11/28/72-01/03/73	0	8	
CHCH0055	No	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/16/73-07/02/91	17	10	
CHCH0433	No	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/08/82-07/24/90	8	3	
CHCH0266	No	39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	11/28/72-01/03/73	0	9	
CHCH0267	No	39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	11/28/72-01/03/73	0	8	
CHCH0348	No	39532	MALATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	05/28/96-02/14/97	0	6	
CHCH0266	No	39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	11/28/72-01/03/73	0	9	
CHCH0267	No	39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	11/28/72-01/03/73	0	7	
CHCH0348	No	39542	PARATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	05/28/96-02/14/97	0	6	
CHCH0266	No	39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	11/28/72-01/03/73	0	9	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0267	No	39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	11/28/72-01/03/73	0	8	
CHCH0348	No	39572	DIAZINON IN FILT. FRAC. OF WATER SAMPLE (UG/L)	05/28/96-02/14/97	0	6	
CHCH0266	No	39580	GUTHION IN WHOLE WATER SAMPLE (UG/L)	11/28/72-01/03/73	0	9	
CHCH0267	No	39580	GUTHION IN WHOLE WATER SAMPLE (UG/L)	11/28/72-01/03/73	0	8	
CHCH0266	No	39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	11/28/72-01/03/73	0	9	
CHCH0267	No	39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	11/28/72-01/03/73	0	8	
CHCH0348	No	39632	ATRAZINE DISSOLVED IN WATER PPB	05/28/96-02/14/97	0	6	
CHCH0055	No	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	03/26/91-07/02/91	0	2	
CHCH0061	No	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0065	No	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	09/23/91-09/23/91	0	1	
CHCH0085	No	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0090	No	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0107	No	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0111	No	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0122	No	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0137	No	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	2	
CHCH0156	No	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0159	No	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	08/21/92-04/15/93	0	3	
CHCH0163	No	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0169	No	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0188	No	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0189	No	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	0	1	
CHCH0241	No	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	06/26/80-06/26/80	0	1	
CHCH0242	No	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	06/26/80-06/26/80	0	1	
CHCH0245	No	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	08/27/92-03/31/93	0	3	
CHCH0276	No	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	06/30/92-04/05/93	0	3	
CHCH0326	No	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	06/03/92-03/02/93	0	3	
CHCH0459	No	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	07/31/92-03/12/93	0	3	
CHCH0055	No	39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	10/25/79-07/02/91	11	6	
CHCH0061	No	39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	09/11/80-09/11/80	0	1	
CHCH0085	No	39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	09/11/80-09/11/80	0	1	
CHCH0090	No	39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	09/11/80-09/11/80	0	1	
CHCH0107	No	39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	09/11/80-09/11/80	0	1	
CHCH0111	No	39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	09/11/80-09/11/80	0	1	
CHCH0122	No	39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	09/11/80-09/11/80	0	1	
CHCH0137	No	39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	09/11/80-09/11/80	0	2	
CHCH0156	No	39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	09/12/80-09/12/80	0	1	
CHCH0163	No	39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	09/12/80-09/12/80	0	1	
CHCH0169	No	39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	09/12/80-09/12/80	0	1	
CHCH0188	No	39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	09/11/80-09/11/80	0	1	
CHCH0189	No	39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	09/11/80-09/11/80	0	1	
CHCH0065	No	39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE(UG/L)	09/23/91-09/23/91	0	1	
CHCH0159	No	39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE(UG/L)	08/21/92-04/15/93	0	3	
CHCH0241	No	39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE(UG/L)	06/26/80-06/26/80	0	1	
CHCH0242	No	39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE(UG/L)	06/26/80-06/26/80	0	1	
CHCH0245	No	39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE(UG/L)	08/27/92-03/31/93	0	3	
CHCH0276	No	39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE(UG/L)	06/30/92-04/05/93	0	3	
CHCH0326	No	39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE(UG/L)	06/03/92-03/02/93	0	3	
CHCH0459	No	39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE(UG/L)	07/31/92-03/12/93	0	3	
CHCH0313	No	39704	HEXACHLOROBUTADIENE IN FISH OR ANIMAL WET WGT UG/K	11/08/91-11/20/91	0	23	
CHCH0061	No	39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0085	No	39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0090	No	39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0107	No	39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0111	No	39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0122	No	39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0137	No	39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	09/11/80-09/11/80	0	2	
CHCH0156	No	39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	09/12/80-09/12/80	0	1	
CHCH0163	No	39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	09/12/80-09/12/80	0	1	
CHCH0169	No	39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	09/12/80-09/12/80	0	1	
CHCH0188	No	39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0189	No	39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0065	No	39720	PICLORAM IN WHOLE WATER SAMPLE (UG/L)	09/23/91-09/23/91	0	1	
CHCH0012	No	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	02/12/86-08/14/90	4	8	
CHCH0055	No	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	07/02/91-07/02/91	0	1	
CHCH0065	No	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	09/23/91-09/23/91	0	1	
CHCH0055	No	39731	2,4-D IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/01/87-07/02/91	3	3	
CHCH0348	No	39732	2,4-D IN FILT. FRAC. OF WATER SAMPLE (UG/L)	07/16/96-12/17/96	0	4	
CHCH0065	No	39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	09/23/91-09/23/91	0	1	
CHCH0348	No	39742	2,4,5-T IN FILT. FRAC. OF WATER SAMPLE (UG/L)	07/16/96-12/17/96	0	4	
CHCH0055	No	39755	MIREX, TOTAL (UG/L)	03/26/91-07/02/91	0	2	
CHCH0065	No	39755	MIREX, TOTAL (UG/L)	09/23/91-09/23/91	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0055	No	39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	11/16/73-07/02/91	17	6	
CHCH0012	No	39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	02/12/86-08/14/90	4	8	
CHCH0055	No	39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	07/02/91-07/02/91	0	1	
CHCH0065	No	39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	09/23/91-09/23/91	0	1	
CHCH0055	No	39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/01/87-07/02/91	3	3	
CHCH0348	No	39762	SILVEX IN FILT. FRAC. OF WATER SAMPLE (UG/L)	07/16/96-12/17/96	0	4	
CHCH0012	No	39780	DICOFOL IN WHOLE WATER SAMPLE (UG/L)	02/12/86-08/14/90	4	9	
CHCH0012	No	39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	02/12/86-08/14/90	4	9	
CHCH0266	No	39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	11/28/72-01/03/73	0	9	
CHCH0267	No	39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	11/28/72-01/03/73	0	8	
CHCH0055	No	39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/16/73-07/14/75	1	4	
CHCH0099	No	39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	06/12/85-06/12/85	0	3	
CHCH0177	No	39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	05/02/84-09/30/91	7	4	
CHCH0187	No	39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	06/30/81-06/30/81	0	1	
CHCH0299	No	39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	08/03/82-08/03/82	0	4	
CHCH0313	No	39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	10/24/86-11/20/91	5	37	
CHCH0314	No	39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	07/07/87-08/19/87	0	2	
CHCH0354	No	39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	08/03/82-05/02/84	1	8	
CHCH0431	No	39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	11/06/90-10/14/92	1	11	
CHCH0266	No	39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	11/28/72-01/03/73	0	9	
CHCH0267	No	39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	11/28/72-01/03/73	0	7	
CHCH0055	No	39811	CHLORDANE,GAMMA,IN BOTTOM DEPOS(UG/KG DRY SOLIDS)	10/25/79-10/01/87	7	4	
CHCH0012	No	45013	ISOPROPYL ACETATE WH WAT UG/L	02/12/86-07/23/91	5	9	
CHCH0055	No	45013	ISOPROPYL ACETATE WH WAT UG/L	03/26/91-07/02/91	0	2	
CHCH0012	No	45022	PROPYL ACETATE WH WAT UG/L	01/30/90-07/23/91	1	3	
CHCH0055	No	45022	PROPYL ACETATE WH WAT UG/L	03/26/91-07/02/91	0	2	
CHCH0099	No	45579	PERCENT LIPID EXTRACTABLE MATERIAL	06/12/85-06/12/85	0	3	
CHCH0177	No	45579	PERCENT LIPID EXTRACTABLE MATERIAL	09/30/91-09/30/91	0	1	
CHCH0313	No	45579	PERCENT LIPID EXTRACTABLE MATERIAL	10/24/86-02/15/95	8	71	
CHCH0392	No	45579	PERCENT LIPID EXTRACTABLE MATERIAL	10/01/92-02/15/95	2	12	
CHCH0419	No	45579	PERCENT LIPID EXTRACTABLE MATERIAL	11/16/89-11/17/89	0	10	
CHCH0431	No	45579	PERCENT LIPID EXTRACTABLE MATERIAL	11/06/90-10/14/92	1	11	
CHCH0443	No	45650	CHLORINE, IN ORGANIC COMPOUNDS, WATER, WHOLE, MG/L	05/29/92-08/11/92	0	6	
CHCH0177	No	45651	PCB - 1262, TISSUE, WET WEIGHT MG/KG	09/30/91-09/30/91	0	1	
CHCH0314	No	46333	PENTACHLORONITROBENZENE (PCNB) IN TISSUE WET MG/KG	07/07/87-08/19/87	0	2	
CHCH0348	No	46342	ALACHLOR (LASSO), WATER, DISSOLVED UG/L	05/28/96-02/14/97	0	6	
CHCH0004	No	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	01/28/69-12/01/69	0	11	
CHCH0005	No	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	02/25/69-12/01/69	0	11	
CHCH0015	No	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	01/28/69-12/03/69	0	12	
CHCH0020	No	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	02/25/69-12/04/69	0	11	
CHCH0023	No	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	02/25/69-12/01/69	0	11	
CHCH0026	No	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	02/25/69-12/04/69	0	11	
CHCH0038	No	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	01/27/69-12/03/69	0	11	
CHCH0043	No	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	02/26/69-12/02/69	0	11	
CHCH0053	No	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	01/28/69-12/01/69	0	12	
CHCH0064	No	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	02/25/69-12/04/69	0	11	
CHCH0076	No	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	01/27/69-12/03/69	0	12	
CHCH0126	No	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	02/26/69-12/02/69	0	10	
CHCH0151	No	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	02/26/69-11/10/80	11	28	
CHCH0169	No	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	01/24/73-12/04/73	0	13	
CHCH0178	No	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	01/24/73-12/05/73	0	13	
CHCH0190	No	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	09/07/67-09/07/67	0	1	
CHCH0191	No	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	09/07/67-09/07/67	0	2	
CHCH0226	No	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	01/23/73-12/05/73	0	24	
CHCH0237	No	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	09/07/67-09/07/67	0	1	
CHCH0251	No	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	01/23/73-12/04/73	0	13	
CHCH0252	No	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	02/26/73-02/26/73	0	1	
CHCH0286	No	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	01/23/73-12/04/73	0	66	
CHCH0308	No	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	09/07/67-09/07/67	0	1	
CHCH0310	No	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	09/07/67-12/05/73	6	25	
CHCH0335	No	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	01/24/73-12/05/73	0	14	
CHCH0342	No	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	02/26/69-12/04/73	4	25	
CHCH0347	No	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	01/23/73-12/05/73	0	13	
CHCH0392	No	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	09/07/67-09/07/67	0	1	
CHCH0401	No	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	01/23/73-12/05/73	0	13	
CHCH0409	No	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	01/23/73-02/15/79	6	148	
CHCH0413	No	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	01/23/73-12/04/73	0	24	
CHCH0433	No	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	07/12/60-10/18/88	28	64	
CHCH0443	No	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	05/31/89-08/11/92	3	5	
CHCH0445	No	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	01/23/73-12/05/73	0	46	
CHCH0448	No	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	09/07/67-09/07/67	0	1	
CHCH0457	No	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	01/24/73-11/16/76	3	29	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0012	No	49146	DIBROMO-3-CHLOROPROPANE, 1,2-, TOTAL, WATER UG/L	07/28/95-07/28/95	0	1	
CHCH0348	No	49235	TRICLOPYR,RECOVERABLE,WATER,FILTER,GF,0.7U UG/L	07/16/96-12/17/96	0	4	
CHCH0348	No	49236	PROPHAM, RECOVERABLE,WATER,FILTER,GF,0.7U UG/L	07/16/96-12/17/96	0	4	
CHCH0348	No	49260	ACETOCHLOR, RECOVERABLE, WATER, FILTERED UG/L	05/28/96-02/14/97	0	6	
CHCH0348	No	49266	CARBON,ORGANIC,DRY WEIGHT,SEDIMENT,RECV,SIEVE	10/16/96-10/16/96	0	1	
CHCH0348	No	49267	CARBON,ORGANIC+INORGANIC,DRYWT,RECV,SIEVE	10/16/96-10/16/96	0	1	
CHCH0348	No	49269	CARBON,INORGANIC, DRY WT, SEDIMENT,RECV,SIEVE	10/16/96-10/16/96	0	1	
CHCH0348	No	49274	TITANIUM, DRY WT, SIEVE	10/16/96-10/16/96	0	1	
CHCH0348	No	49291	PICLORAM,RECV,FILTERED,WATER,GF,0.7U UG/L	07/16/96-12/17/96	0	4	
CHCH0348	No	49292	ORYZALIN,RECV,FILTERED,WATER,GF,0.7U UG/L	07/16/96-12/17/96	0	4	
CHCH0348	No	49293	NORFLURAZON,RECV,FILTERED,WATER,GF,0.7U UG/L	07/16/96-12/17/96	0	4	
CHCH0348	No	49294	NEBURON,RECV,FILTERED,WATER,GF,0.7U UG/L	07/16/96-12/17/96	0	4	
CHCH0348	No	49295	NAPTHOL,1-,RECV,FILTERED,WATER,GF,0.7U UG/L	07/16/96-12/17/96	0	4	
CHCH0348	No	49296	METHOMYL,RECV,FILTERED,WATER,GF,0.7U UG/L	07/16/96-12/17/96	0	4	
CHCH0348	No	49297	FENURON,RECV,FILTERED,WATER,GF,0.7U UG/L	07/16/96-12/17/96	0	4	
CHCH0348	No	49298	ESFENVALERATE,RECV,FILTERED,WATER,GF,0.7U UG/L	07/16/96-12/17/96	0	4	
CHCH0348	No	49299	CRESOL,O-,RECV,FILTERED,WATER,GF,0.7U UG/L	07/16/96-12/17/96	0	4	
CHCH0348	No	49300	DIURON, RECV,FILTERED, WATER, GF, 0.7U UG/L	07/16/96-12/17/96	0	4	
CHCH0348	No	49301	DINOSEB, RECV, FILTERED, WATER, GF, 0.7U UG/L	07/16/96-12/17/96	0	4	
CHCH0348	No	49302	DICHLORPROP,RECV,FILTERED,WATER,GF,0.7U UG/L	07/16/96-12/17/96	0	4	
CHCH0348	No	49303	DICHLOBENIL,RECV,FILTERED,WATER,GF,0.7U UG/L	07/16/96-12/17/96	0	4	
CHCH0348	No	49304	DACTHAL, RECV,FILTERED,WATER,GF,0.7U UG/L	07/16/96-12/17/96	0	4	
CHCH0348	No	49305	CLOPYRALID,RECV,FILTERED,WATER,GF,0.7U UG/L	07/16/96-12/17/96	0	4	
CHCH0348	No	49306	CHLOROTHALONIL,RECV,FILTERED,WATER,GF,0.7U UG/L	07/16/96-12/17/96	0	4	
CHCH0348	No	49307	AMIBEN, RECV,FILTERED,WATER,GF,0.7U UG/L	07/16/96-12/17/96	0	4	
CHCH0348	No	49308	HYDROXYCARBOFURAN,3-,RECV,FILT,WATER,GF,0.7U UG/L	07/16/96-12/17/96	0	4	
CHCH0348	No	49309	CARBOFURAN,RECV,FILTERED,WATER,GF,0.7U UG/L	07/16/96-12/17/96	0	4	
CHCH0348	No	49310	CARBARYL,RECV,FILTERED,WATER,GF,0.7U UG/L	07/16/96-12/17/96	0	4	
CHCH0348	No	49311	BROMOXYNIL,RECV,FILTERED,WATER,GF,0.7U UG/L	07/16/96-12/17/96	0	4	
CHCH0348	No	49312	ALDICARB, RECV,FILTERED,WATER,GF,0.7U UG/L	07/16/96-12/17/96	0	4	
CHCH0348	No	49313	ALDICARB SULFONE,RECV,FILTERED,GF,0.7U UG/L	07/16/96-12/17/96	0	4	
CHCH0348	No	49314	ALDICARB SULFOXIDE,RECV,FILTERED,GF,0.7U UG/L	07/16/96-12/17/96	0	4	
CHCH0348	No	49315	ACIFLUORFEN,RECV,FILTERED,WATER,GF,0.7U UG/L	07/16/96-12/17/96	0	4	
CHCH0055	No	50038	ELEVATION OF WATER LEVEL RELATIVE TO REF PT. FEET	03/26/86-03/26/86	0	1	
CHCH0266	No	50051	FLOW, RATE, INSTANTANEOUS MGD	11/28/72-01/03/73	0	45	
CHCH0267	No	50051	FLOW, RATE, INSTANTANEOUS MGD	11/28/72-01/03/73	0	44	
CHCH0443	No	50060	CHLORINE, TOTAL RESIDUAL (MG/L)	05/31/89-07/17/91	2	3	
CHCH0329	No	50064	CHLORINE, FREE AVAILABLE (MG/L)	03/12/73-03/12/73	0	1	
CHCH0003	No	50700	FLUORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	09/27/77-09/27/77	0	1	
CHCH0039	No	50700	FLUORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	09/27/77-09/27/77	0	1	
CHCH0112	No	50700	FLUORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	10/02/78-10/02/78	0	1	
CHCH0141	No	50700	FLUORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	09/21/78-09/21/78	0	1	
CHCH0161	No	50700	FLUORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	09/19/78-09/19/78	0	1	
CHCH0203	No	50700	FLUORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	09/19/78-09/19/78	0	1	
CHCH0215	No	50700	FLUORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	08/24/78-08/24/78	0	1	
CHCH0244	No	50700	FLUORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	10/02/78-10/02/78	0	1	
CHCH0277	No	50700	FLUORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	08/24/78-08/24/78	0	1	
CHCH0439	No	50700	FLUORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	09/19/78-09/19/78	0	1	
CHCH0451	No	50700	FLUORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	08/25/78-08/25/78	0	1	
CHCH0462	No	50700	FLUORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	09/20/78-09/20/78	0	1	
CHCH0463	No	50700	FLUORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	08/24/78-08/24/78	0	1	
CHCH0001	No	50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	10/03/77-10/03/77	0	1	
CHCH0003	No	50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	09/27/77-09/27/77	0	1	
CHCH0022	No	50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	09/28/77-09/28/77	0	1	
CHCH0035	No	50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	10/07/77-10/07/77	0	1	
CHCH0039	No	50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	09/27/77-09/27/77	0	1	
CHCH0052	No	50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	09/24/77-09/24/77	0	1	
CHCH0112	No	50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	10/02/78-10/02/78	0	1	
CHCH0141	No	50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	09/21/78-09/21/78	0	1	
CHCH0161	No	50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	09/19/78-09/19/78	0	1	
CHCH0203	No	50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	09/19/78-09/19/78	0	1	
CHCH0215	No	50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	08/24/78-08/24/78	0	1	
CHCH0244	No	50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	10/02/78-10/02/78	0	1	
CHCH0277	No	50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	08/24/78-08/24/78	0	1	
CHCH0402	No	50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	08/24/78-08/24/78	0	1	
CHCH0439	No	50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	09/19/78-09/19/78	0	1	
CHCH0451	No	50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	08/25/78-08/25/78	0	1	
CHCH0462	No	50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	09/20/78-09/20/78	0	1	
CHCH0463	No	50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	08/24/78-08/24/78	0	1	
CHCH0039	No	50761	BROMINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	09/27/77-09/27/77	0	1	
CHCH0112	No	50761	BROMINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	10/02/78-10/02/78	0	1	
CHCH0141	No	50761	BROMINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	09/21/78-09/21/78	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0203	No	50761	BROMINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	09/19/78-09/19/78	0	1	
CHCH0273	No	60050	ALGAE, TOTAL (CELLS/ML)	10/02/61-08/02/65	3	77	
CHCH0273	No	60100	ALGAE, COCCOID BLUE-GREEN (CELLS/ML)	10/02/61-08/02/65	3	77	
CHCH0273	No	60150	ALGAE, FILAMENTOUS BLUE-GREEN (CELLS/ML)	10/02/61-08/02/65	3	77	
CHCH0273	No	60200	ALGAE, COCCOID GREEN (CELLS/ML)	10/02/61-08/02/65	3	77	
CHCH0273	No	60250	ALGAE, FILAMENTOUS GREEN (CELLS/ML)	10/02/61-08/02/65	3	77	
CHCH0273	No	60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	10/02/61-08/02/65	3	77	
CHCH0273	No	60350	ALGAE, FLAGELLATE OTHER (CELLS/ML)	10/02/61-08/02/65	3	77	
CHCH0273	No	60390	DIATOMS, DOMINANT SPECIES, PERCENT OF TOTAL	10/02/61-08/02/65	3	74	
CHCH0273	No	60400	DIATOMS, CENTRIC (/ML)	10/02/61-08/02/65	3	77	
CHCH0273	No	60600	DIATOMS, PENNATE (/ML)	10/02/61-08/02/65	3	77	
CHCH0273	No	60820	PROTOZOA, TOTAL (/ML)	10/02/61-04/01/63	1	34	
CHCH0273	No	60850	ROTIFERS, TOTAL (/LITER)	10/02/61-06/07/65	3	69	
CHCH0273	No	60900	CRUSTACEA, TOTAL (/LITER)	10/02/61-06/07/65	3	69	
CHCH0273	No	60950	NEMATODES, TOTAL (/LITER)	10/02/61-06/07/65	3	69	
CHCH0273	No	60990	ZOOPLANKTON OTHER (/LITER)	10/02/61-06/07/65	3	69	
CHCH0177	No	61223	E.COLI, WATER UNFILTERED,ONPG-MUG,COLILERT #/100ML	11/17/98-12/15/98	0	2	
CHCH0299	No	61223	E.COLI, WATER UNFILTERED,ONPG-MUG,COLILERT #/100ML	11/17/98-12/15/98	0	2	
CHCH0013	No	70001	COMPOSITE LOCATION IN A CROSS SECTION	10/16/72-10/17/72	0	4	
CHCH0163	No	70001	COMPOSITE LOCATION IN A CROSS SECTION	09/10/80-09/10/80	0	1	
CHCH0169	No	70001	COMPOSITE LOCATION IN A CROSS SECTION	09/10/80-09/10/80	0	1	
CHCH0190	No	70001	COMPOSITE LOCATION IN A CROSS SECTION	09/07/67-09/07/67	0	2	
CHCH0191	No	70001	COMPOSITE LOCATION IN A CROSS SECTION	09/07/67-09/07/67	0	1	
CHCH0208	No	70001	COMPOSITE LOCATION IN A CROSS SECTION	09/07/67-09/07/67	0	1	
CHCH0232	No	70001	COMPOSITE LOCATION IN A CROSS SECTION	09/25/72-09/26/72	0	3	
CHCH0237	No	70001	COMPOSITE LOCATION IN A CROSS SECTION	09/07/67-09/07/67	0	2	
CHCH0248	No	70001	COMPOSITE LOCATION IN A CROSS SECTION	09/07/67-09/07/67	0	1	
CHCH0308	No	70001	COMPOSITE LOCATION IN A CROSS SECTION	09/07/67-09/07/67	0	2	
CHCH0310	No	70001	COMPOSITE LOCATION IN A CROSS SECTION	09/07/67-09/07/67	0	2	
CHCH0321	No	70001	COMPOSITE LOCATION IN A CROSS SECTION	09/07/67-09/07/67	0	1	
CHCH0392	No	70001	COMPOSITE LOCATION IN A CROSS SECTION	09/07/67-09/07/67	0	2	
CHCH0445	No	70001	COMPOSITE LOCATION IN A CROSS SECTION	09/07/67-09/07/67	0	1	
CHCH0448	No	70001	COMPOSITE LOCATION IN A CROSS SECTION	09/07/67-09/07/67	0	1	
CHCH0433	No	70152	VOLUME OF LAKE OR RESERVOIR CUBIC METERS X 10(6)	04/18/94-09/12/94	0	6	
CHCH0006	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/07/76-04/21/77	0	2	
CHCH0007	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/31/76-08/31/76	0	1	
CHCH0008	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/25/79-09/02/81	2	9	
CHCH0010	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/24/79-09/01/81	2	9	
CHCH0017	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/25/79-09/01/81	2	9	
CHCH0021	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/26/76-10/20/81	5	12	
CHCH0024	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/17/81-07/17/81	0	1	
CHCH0032	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/23/58-06/25/74	16	2	
CHCH0037	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/26/76-09/01/81	5	11	
CHCH0047	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/26/76-09/01/81	5	11	
CHCH0059	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/05/66-09/01/81	15	33	
CHCH0149	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/03/58-05/25/65	7	3	
CHCH0150	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/23/75-09/14/76	0	13	
CHCH0151	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/12/76-11/10/80	4	4	
CHCH0159	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/21/92-04/15/93	0	3	
CHCH0169	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/07/73-12/04/73	0	2	
CHCH0178	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/07/73-12/05/73	0	2	
CHCH0208	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/17/79-09/20/79	0	6	
CHCH0225	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/17/79-09/20/79	0	3	
CHCH0226	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/07/73-12/05/73	0	4	
CHCH0245	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/27/92-03/31/93	0	3	
CHCH0251	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/06/73-12/04/73	0	3	
CHCH0276	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/30/92-04/05/93	0	3	
CHCH0286	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/06/73-09/20/79	5	23	
CHCH0287	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/01/83-05/01/83	0	1	
CHCH0310	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/07/73-12/05/73	0	4	
CHCH0317	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/17/79-09/20/79	0	6	
CHCH0326	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/03/92-03/02/93	0	3	
CHCH0335	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/07/73-09/20/79	5	15	
CHCH0342	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/06/73-12/04/73	0	3	
CHCH0347	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/07/73-12/05/73	0	2	
CHCH0348	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/10/67-02/14/97	29	9	
CHCH0401	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/07/73-12/05/73	0	3	
CHCH0409	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/06/73-06/19/80	6	28	
CHCH0413	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/06/73-12/04/73	0	5	
CHCH0416	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/01/74-04/17/80	5	119	
CHCH0433	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/06/73-12/04/73	0	6	
CHCH0443	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/21/79-09/21/79	0	6	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0445	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/07/73-12/05/73	0	9	
CHCH0452	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/19/81-08/19/81	0	1	
CHCH0456	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/23/75-09/14/76	0	13	
CHCH0457	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/06/73-12/07/76	3	5	
CHCH0459	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/31/92-03/12/93	0	3	
CHCH0006	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/07/76-04/21/77	0	2	
CHCH0007	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/31/76-08/31/76	0	1	
CHCH0008	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/03/79-05/22/80	0	2	
CHCH0010	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/01/79-05/21/80	0	2	
CHCH0017	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/01/79-05/22/80	0	2	
CHCH0021	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/26/76-09/01/81	5	5	
CHCH0032	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	06/25/74-06/25/74	0	1	
CHCH0037	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/26/76-05/21/80	3	4	
CHCH0047	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/26/76-05/21/80	3	4	
CHCH0059	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	11/22/72-05/21/80	7	8	
CHCH0149	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/25/65-05/25/65	0	1	
CHCH0452	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/19/81-08/19/81	0	1	
CHCH0006	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	09/07/76-04/21/77	0	2	
CHCH0008	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	04/25/79-09/02/81	2	9	
CHCH0010	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	04/24/79-09/01/81	2	9	
CHCH0017	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	04/25/79-09/01/81	2	9	
CHCH0021	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	08/26/76-10/20/81	5	12	
CHCH0037	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	08/26/76-09/01/81	5	10	
CHCH0047	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	08/26/76-09/01/81	5	11	
CHCH0059	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	11/22/72-09/01/81	8	31	
CHCH0149	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	03/03/58-05/25/65	7	3	
CHCH0150	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	11/25/75-06/09/76	0	9	
CHCH0348	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	03/18/68-09/16/68	0	2	
CHCH0416	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	10/01/74-01/29/80	5	115	
CHCH0452	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	08/19/81-08/19/81	0	1	
CHCH0456	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	11/25/75-06/09/76	0	9	
CHCH0006	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/07/76-04/21/77	0	2	
CHCH0007	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/31/76-08/31/76	0	1	
CHCH0008	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/25/79-09/02/81	2	9	
CHCH0010	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/24/79-09/01/81	2	9	
CHCH0017	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/25/79-09/01/81	2	9	
CHCH0021	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/26/76-10/20/81	5	12	
CHCH0032	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	05/23/58-06/25/74	16	2	
CHCH0037	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/26/76-09/01/81	5	11	
CHCH0047	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/26/76-09/01/81	5	11	
CHCH0059	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	11/22/72-09/01/81	8	31	
CHCH0149	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	03/03/58-05/25/65	7	3	
CHCH0150	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/23/75-09/14/76	0	13	
CHCH0348	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	03/18/68-09/16/68	0	2	
CHCH0416	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/01/74-04/17/80	5	119	
CHCH0452	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/19/81-08/19/81	0	1	
CHCH0456	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/23/75-09/14/76	0	13	
CHCH0055	No	70318	SOLIDS, TOTAL, PERCENT OF WET SAMPLE	11/16/73-07/02/91	17	9	
CHCH0077	No	70318	SOLIDS, TOTAL, PERCENT OF WET SAMPLE	10/06/82-10/06/82	0	1	
CHCH0433	No	70318	SOLIDS, TOTAL, PERCENT OF WET SAMPLE	05/30/90-05/25/93	2	5	
CHCH0055	No	70322	SOLIDS, VOLATILE, PERCENT OF TOTAL SOLIDS	11/16/73-07/02/91	17	9	
CHCH0077	No	70322	SOLIDS, VOLATILE, PERCENT OF TOTAL SOLIDS	10/06/82-10/06/82	0	1	
CHCH0089	No	70322	SOLIDS, VOLATILE, PERCENT OF TOTAL SOLIDS	03/08/73-03/08/73	0	1	
CHCH0170	No	70322	SOLIDS, VOLATILE, PERCENT OF TOTAL SOLIDS	03/08/73-03/08/73	0	1	
CHCH0433	No	70322	SOLIDS, VOLATILE, PERCENT OF TOTAL SOLIDS	06/08/82-05/25/93	10	6	
CHCH0008	No	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	04/25/79-08/22/79	0	3	
CHCH0010	No	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	04/24/79-08/21/79	0	3	
CHCH0017	No	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	04/25/79-08/22/79	0	3	
CHCH0021	No	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	04/25/79-08/22/79	0	3	
CHCH0037	No	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	04/24/79-08/22/79	0	3	
CHCH0047	No	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	04/24/79-08/22/79	0	3	
CHCH0059	No	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	04/24/79-09/06/79	0	2	
CHCH0348	No	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	05/28/96-09/30/96	0	3	
CHCH0452	No	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	05/22/79-05/22/79	0	1	
CHCH0006	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/07/76-09/07/76	0	1	
CHCH0007	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/31/76-08/31/76	0	1	
CHCH0021	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/26/76-08/26/76	0	1	
CHCH0032	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/25/74-06/25/74	0	1	
CHCH0037	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/26/76-08/26/76	0	1	
CHCH0047	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/26/76-08/26/76	0	1	
CHCH0059	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/26/74-06/26/74	0	1	
CHCH0427	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	04/01/87-09/19/89	2	62	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0299	No	70508	ACIDITY, TOTAL, HOT (MG/L AS CACO3)	10/11/83-10/11/83	0	1	
CHCH0314	No	70977	INSTRUMENT RATIO, LAB/FIELD CONCENTRATIONS, NUMBER	07/07/87-08/19/87	0	2	
CHCH0006	No	71825	ACIDITY, TOTAL (MG/L AS H)	09/07/76-04/21/77	0	2	
CHCH0007	No	71825	ACIDITY, TOTAL (MG/L AS H)	08/31/76-08/31/76	0	1	
CHCH0008	No	71825	ACIDITY, TOTAL (MG/L AS H)	04/25/79-09/02/81	2	5	
CHCH0010	No	71825	ACIDITY, TOTAL (MG/L AS H)	04/24/79-08/21/79	0	3	
CHCH0017	No	71825	ACIDITY, TOTAL (MG/L AS H)	04/25/79-09/01/81	2	6	
CHCH0021	No	71825	ACIDITY, TOTAL (MG/L AS H)	08/26/76-10/20/81	5	7	
CHCH0037	No	71825	ACIDITY, TOTAL (MG/L AS H)	08/26/76-08/22/79	2	5	
CHCH0047	No	71825	ACIDITY, TOTAL (MG/L AS H)	08/26/76-04/15/81	4	7	
CHCH0059	No	71825	ACIDITY, TOTAL (MG/L AS H)	04/24/79-01/14/81	1	10	
CHCH0452	No	71825	ACIDITY, TOTAL (MG/L AS H)	05/22/79-08/19/81	2	2	
CHCH0007	No	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	08/31/76-08/31/76	0	1	
CHCH0037	No	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	04/28/77-04/28/77	0	1	
CHCH0006	No	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	09/07/76-04/21/77	0	2	
CHCH0007	No	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/31/76-08/31/76	0	1	
CHCH0021	No	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/26/76-04/21/77	0	2	
CHCH0032	No	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	06/25/74-06/25/74	0	1	
CHCH0037	No	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/26/76-04/28/77	0	2	
CHCH0047	No	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/26/76-04/22/77	0	2	
CHCH0059	No	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	11/22/72-06/26/74	1	5	
CHCH0006	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/07/76-04/21/77	0	2	
CHCH0007	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/31/76-08/31/76	0	1	
CHCH0021	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/26/76-04/21/77	0	2	
CHCH0032	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/23/58-06/25/74	16	2	
CHCH0037	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/26/76-04/28/77	0	2	
CHCH0047	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/26/76-04/22/77	0	2	
CHCH0059	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/05/66-06/26/74	7	7	
CHCH0149	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	03/03/58-05/25/65	7	3	
CHCH0348	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/10/67-09/16/68	1	3	
CHCH0006	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	09/07/76-04/21/77	0	2	
CHCH0007	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	08/31/76-08/31/76	0	1	
CHCH0021	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	08/26/76-04/21/77	0	2	
CHCH0032	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	06/25/74-06/25/74	0	1	
CHCH0037	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	08/26/76-04/28/77	0	2	
CHCH0047	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	08/26/76-04/22/77	0	2	
CHCH0059	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	06/26/74-06/26/74	0	1	
CHCH0012	No	71870	BROMIDE (MG/L AS BR)	08/13/98-08/13/98	0	1	
CHCH0032	No	71885	IRON (UG/L AS FE)	05/23/58-05/23/58	0	1	
CHCH0059	No	71885	IRON (UG/L AS FE)	08/05/66-08/05/66	0	1	
CHCH0149	No	71885	IRON (UG/L AS FE)	05/23/58-05/23/58	0	1	
CHCH0056	Yes	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	12/15/92-12/15/92	0	1	
CHCH0057	Yes	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	09/01/92-09/01/92	0	1	
CHCH0103	Yes	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	12/15/92-12/15/92	0	1	
CHCH0153	Yes	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	12/16/92-12/16/92	0	1	
CHCH0155	Yes	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	12/16/92-12/16/92	0	1	
CHCH0166	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	12/14/92-12/14/92	0	1	
CHCH0167	Yes	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	12/16/92-12/16/92	0	1	
CHCH0172	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	12/17/92-12/17/92	0	1	
CHCH0006	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	09/07/76-04/21/77	0	2	
CHCH0007	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	08/31/76-08/31/76	0	1	
CHCH0021	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	08/26/76-04/21/77	0	2	
CHCH0032	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	06/25/74-06/25/74	0	1	
CHCH0037	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	08/26/76-04/28/77	0	2	
CHCH0047	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	08/26/76-04/22/77	0	2	
CHCH0054	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	08/28/79-12/22/82	3	16	
CHCH0059	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	06/26/74-06/26/74	0	1	
CHCH0006	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	09/07/76-04/21/77	0	2	
CHCH0007	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	08/31/76-08/31/76	0	1	
CHCH0021	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	08/26/76-04/21/77	0	2	
CHCH0032	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	06/25/74-06/25/74	0	1	
CHCH0037	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	08/26/76-04/28/77	0	2	
CHCH0047	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	08/26/76-04/22/77	0	2	
CHCH0059	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	06/26/74-06/26/74	0	1	
CHCH0065	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	09/23/91-09/23/91	0	1	
CHCH0272	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	10/12/70-10/12/70	0	1	
CHCH0442	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	10/12/70-10/12/70	0	1	
CHCH0008	No	71900	MERCURY, TOTAL (UG/L AS HG)	08/03/79-05/22/80	0	2	
CHCH0010	No	71900	MERCURY, TOTAL (UG/L AS HG)	08/01/79-05/21/80	0	2	
CHCH0017	No	71900	MERCURY, TOTAL (UG/L AS HG)	08/01/79-05/22/80	0	2	
CHCH0021	No	71900	MERCURY, TOTAL (UG/L AS HG)	08/01/79-09/01/81	2	3	
CHCH0024	No	71900	MERCURY, TOTAL (UG/L AS HG)	07/17/81-07/17/81	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0037	No	71900	MERCURY, TOTAL (UG/L AS HG)	08/01/79-05/21/80	0	2	
CHCH0047	No	71900	MERCURY, TOTAL (UG/L AS HG)	08/01/79-05/21/80	0	2	
CHCH0055	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/16/73-08/30/94	20	10	
CHCH0059	No	71900	MERCURY, TOTAL (UG/L AS HG)	08/01/79-05/21/80	0	2	
CHCH0061	No	71900	MERCURY, TOTAL (UG/L AS HG)	09/10/80-09/10/80	0	1	
CHCH0065	No	71900	MERCURY, TOTAL (UG/L AS HG)	09/23/91-09/23/91	0	1	
CHCH0082	No	71900	MERCURY, TOTAL (UG/L AS HG)	07/14/82-07/14/82	0	1	
CHCH0085	No	71900	MERCURY, TOTAL (UG/L AS HG)	09/10/80-09/10/80	0	1	
CHCH0090	No	71900	MERCURY, TOTAL (UG/L AS HG)	09/10/80-09/10/80	0	1	
CHCH0104	No	71900	MERCURY, TOTAL (UG/L AS HG)	07/14/82-07/14/82	0	1	
CHCH0107	No	71900	MERCURY, TOTAL (UG/L AS HG)	09/10/80-09/10/80	0	1	
CHCH0111	No	71900	MERCURY, TOTAL (UG/L AS HG)	09/10/80-09/10/80	0	1	
CHCH0122	No	71900	MERCURY, TOTAL (UG/L AS HG)	09/10/80-09/10/80	0	1	
CHCH0136	No	71900	MERCURY, TOTAL (UG/L AS HG)	07/14/82-07/14/82	0	1	
CHCH0137	No	71900	MERCURY, TOTAL (UG/L AS HG)	09/10/80-09/10/80	0	2	
CHCH0142	No	71900	MERCURY, TOTAL (UG/L AS HG)	07/14/82-07/14/82	0	1	
CHCH0147	No	71900	MERCURY, TOTAL (UG/L AS HG)	02/03/97-02/23/98	1	2	
CHCH0151	No	71900	MERCURY, TOTAL (UG/L AS HG)	11/10/80-11/10/80	0	1	
CHCH0156	No	71900	MERCURY, TOTAL (UG/L AS HG)	09/10/80-09/10/80	0	1	
CHCH0157	No	71900	MERCURY, TOTAL (UG/L AS HG)	07/14/82-07/14/82	0	1	
CHCH0159	No	71900	MERCURY, TOTAL (UG/L AS HG)	08/21/92-04/15/93	0	3	
CHCH0160	No	71900	MERCURY, TOTAL (UG/L AS HG)	07/14/82-07/14/82	0	1	
CHCH0163	No	71900	MERCURY, TOTAL (UG/L AS HG)	09/10/80-09/10/80	0	1	
CHCH0164	No	71900	MERCURY, TOTAL (UG/L AS HG)	07/14/82-07/14/82	0	1	
CHCH0169	No	71900	MERCURY, TOTAL (UG/L AS HG)	01/24/73-09/10/80	7	14	
CHCH0177	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/18/82-12/15/98	16	152	
CHCH0178	No	71900	MERCURY, TOTAL (UG/L AS HG)	01/24/73-12/05/73	0	13	
CHCH0188	No	71900	MERCURY, TOTAL (UG/L AS HG)	09/10/80-09/10/80	0	1	
CHCH0189	No	71900	MERCURY, TOTAL (UG/L AS HG)	09/10/80-09/10/80	0	1	
CHCH0207	No	71900	MERCURY, TOTAL (UG/L AS HG)	08/06/70-09/08/70	0	4	
CHCH0226	No	71900	MERCURY, TOTAL (UG/L AS HG)	09/08/70-12/05/73	3	26	
CHCH0227	No	71900	MERCURY, TOTAL (UG/L AS HG)	06/07/83-06/07/83	0	1	
CHCH0241	No	71900	MERCURY, TOTAL (UG/L AS HG)	06/26/80-06/26/80	0	1	
CHCH0242	No	71900	MERCURY, TOTAL (UG/L AS HG)	06/26/80-06/26/80	0	1	
CHCH0245	No	71900	MERCURY, TOTAL (UG/L AS HG)	08/27/92-03/31/93	0	3	
CHCH0250	No	71900	MERCURY, TOTAL (UG/L AS HG)	02/27/73-03/06/73	0	5	
CHCH0251	No	71900	MERCURY, TOTAL (UG/L AS HG)	01/23/73-12/04/73	0	13	
CHCH0252	No	71900	MERCURY, TOTAL (UG/L AS HG)	02/26/73-02/26/73	0	1	
CHCH0266	No	71900	MERCURY, TOTAL (UG/L AS HG)	11/29/72-01/03/73	0	8	
CHCH0267	No	71900	MERCURY, TOTAL (UG/L AS HG)	11/29/72-01/03/73	0	7	
CHCH0272	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/12/70-10/12/70	0	1	
CHCH0276	No	71900	MERCURY, TOTAL (UG/L AS HG)	06/30/92-04/05/93	0	3	
CHCH0286	No	71900	MERCURY, TOTAL (UG/L AS HG)	01/23/73-12/04/73	0	66	
CHCH0287	No	71900	MERCURY, TOTAL (UG/L AS HG)	03/12/73-01/01/85	11	118	
CHCH0299	No	71900	MERCURY, TOTAL (UG/L AS HG)	11/30/77-12/15/98	21	205	T,A
CHCH0310	No	71900	MERCURY, TOTAL (UG/L AS HG)	01/23/73-12/05/73	0	24	
CHCH0313	No	71900	MERCURY, TOTAL (UG/L AS HG)	08/06/70-09/08/70	0	3	
CHCH0326	No	71900	MERCURY, TOTAL (UG/L AS HG)	06/03/92-03/02/93	0	3	
CHCH0329	No	71900	MERCURY, TOTAL (UG/L AS HG)	03/12/73-04/18/77	4	9	
CHCH0342	No	71900	MERCURY, TOTAL (UG/L AS HG)	01/24/73-12/04/73	0	14	
CHCH0347	No	71900	MERCURY, TOTAL (UG/L AS HG)	01/23/73-12/05/73	0	13	
CHCH0354	No	71900	MERCURY, TOTAL (UG/L AS HG)	11/30/77-04/07/98	20	107	T
CHCH0394	No	71900	MERCURY, TOTAL (UG/L AS HG)	09/08/70-09/08/70	0	3	
CHCH0409	No	71900	MERCURY, TOTAL (UG/L AS HG)	01/23/73-06/19/80	7	34	
CHCH0413	No	71900	MERCURY, TOTAL (UG/L AS HG)	01/23/73-12/04/73	0	24	
CHCH0416	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/01/74-04/17/80	5	101	
CHCH0418	No	71900	MERCURY, TOTAL (UG/L AS HG)	03/12/73-02/11/75	1	5	
CHCH0430	No	71900	MERCURY, TOTAL (UG/L AS HG)	09/08/70-09/08/70	0	1	
CHCH0433	No	71900	MERCURY, TOTAL (UG/L AS HG)	01/23/73-12/04/73	0	35	
CHCH0442	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/12/70-10/12/70	0	1	
CHCH0445	No	71900	MERCURY, TOTAL (UG/L AS HG)	01/23/73-12/05/73	0	46	
CHCH0452	No	71900	MERCURY, TOTAL (UG/L AS HG)	08/19/81-08/19/81	0	1	
CHCH0459	No	71900	MERCURY, TOTAL (UG/L AS HG)	07/31/92-03/12/93	0	3	
CHCH0012	No	71910	GOLD, TOTAL (UG/L AS AU)	02/12/86-08/13/98	12	15	
CHCH0089	No	71920	MERCURY,TOT IN BOT DEPOS OR PULP(MG/KG,WET WGT)	03/08/73-03/08/73	0	1	
CHCH0170	No	71920	MERCURY,TOT IN BOT DEPOS OR PULP(MG/KG,WET WGT)	03/08/73-03/08/73	0	1	
CHCH0008	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/02/81-09/02/81	0	1	
CHCH0010	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	04/18/79-05/21/80	1	2	
CHCH0017	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/01/81-09/01/81	0	1	
CHCH0021	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	04/18/79-09/01/81	2	2	
CHCH0037	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	05/10/79-05/10/79	0	1	
CHCH0047	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	04/18/79-05/21/80	1	2	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0055	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	11/16/73-07/02/91	17	10	
CHCH0059	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	04/18/79-08/20/80	1	2	
CHCH0061	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0076	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	05/21/71-05/21/71	0	1	
CHCH0077	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	10/06/82-10/06/82	0	2	
CHCH0079	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	05/21/71-05/21/71	0	1	
CHCH0083	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	05/21/71-05/21/71	0	1	
CHCH0085	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0090	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0098	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	05/21/71-05/21/71	0	1	
CHCH0105	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	05/21/71-05/21/71	0	1	
CHCH0107	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0111	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0122	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0137	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/11/80-09/11/80	0	2	
CHCH0156	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/12/80-09/12/80	0	1	
CHCH0163	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/12/80-09/12/80	0	1	
CHCH0165	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/08/70-05/21/71	0	2	
CHCH0169	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/12/80-09/12/80	0	1	
CHCH0180	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	05/21/71-05/21/71	0	1	
CHCH0188	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0189	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/11/80-09/11/80	0	1	
CHCH0207	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	08/06/70-09/08/70	0	2	
CHCH0209	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/08/70-09/08/70	0	1	
CHCH0226	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/08/70-09/08/70	0	1	
CHCH0258	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/08/70-09/08/70	0	1	
CHCH0287	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/10/75-09/10/75	0	1	
CHCH0313	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	08/06/70-09/08/70	0	2	
CHCH0329	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/09/75-09/09/75	0	1	
CHCH0353	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/08/70-09/08/70	0	1	
CHCH0372	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/08/70-09/08/70	0	1	
CHCH0387	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/08/70-09/08/70	0	1	
CHCH0418	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/10/75-09/10/75	0	1	
CHCH0433	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	06/18/73-08/17/95	22	8	
CHCH0443	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	11/08/72-11/08/72	0	1	
CHCH0452	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/05/79-07/15/80	0	2	
CHCH0091	No	71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	06/30/81-06/30/81	0	3	
CHCH0099	No	71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	06/12/85-06/12/85	0	3	
CHCH0164	No	71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	06/30/81-06/30/81	0	2	
CHCH0177	No	71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	05/02/84-05/02/84	0	3	
CHCH0187	No	71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	06/30/81-06/30/81	0	1	
CHCH0299	No	71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	07/12/78-08/03/82	4	29	
CHCH0313	No	71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	10/24/86-12/09/90	4	3	
CHCH0354	No	71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	07/11/78-05/02/84	5	30	
CHCH0431	No	71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	10/14/92-10/14/92	0	1	
CHCH0314	No	71935	MERCURY, TOTAL IN FISH (PPM,WET WEIGHT BASIS)	07/07/87-08/19/87	0	2	
CHCH0091	No	71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	06/30/81-06/30/81	0	4	
CHCH0099	No	71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	06/12/85-06/12/85	0	3	
CHCH0142	No	71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	06/30/81-06/30/81	0	1	
CHCH0164	No	71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	06/30/81-06/30/81	0	3	
CHCH0177	No	71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	05/02/84-05/02/84	0	3	
CHCH0187	No	71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	06/30/81-06/30/81	0	2	
CHCH0299	No	71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	07/12/78-08/03/82	4	28	
CHCH0313	No	71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	10/24/86-12/09/90	4	3	
CHCH0354	No	71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	07/11/78-05/02/84	5	30	
CHCH0431	No	71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	10/14/92-10/14/92	0	1	
CHCH0091	No	71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	06/30/81-06/30/81	0	4	
CHCH0099	No	71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	06/12/85-06/12/85	0	3	
CHCH0142	No	71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	06/30/81-06/30/81	0	1	
CHCH0164	No	71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	06/30/81-06/30/81	0	3	
CHCH0177	No	71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	05/02/84-05/02/84	0	3	
CHCH0187	No	71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	06/30/81-06/30/81	0	2	
CHCH0299	No	71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	07/12/78-08/03/82	4	28	
CHCH0313	No	71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	10/24/86-12/09/90	4	3	
CHCH0354	No	71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	07/11/78-05/02/84	5	30	
CHCH0313	No	71938	ZINC,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	10/24/86-12/09/90	4	3	
CHCH0091	No	71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	06/30/81-06/30/81	0	4	
CHCH0099	No	71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	06/12/85-06/12/85	0	3	
CHCH0142	No	71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	06/30/81-06/30/81	0	1	
CHCH0164	No	71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	06/30/81-06/30/81	0	3	
CHCH0177	No	71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	05/02/84-05/02/84	0	3	
CHCH0187	No	71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	06/30/81-06/30/81	0	2	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0299	No	71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	07/12/78-08/03/82	4	29	
CHCH0313	No	71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	10/24/86-12/09/90	4	3	
CHCH0354	No	71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	07/11/78-05/02/84	5	29	
CHCH0091	No	71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	06/30/81-06/30/81	0	4	
CHCH0099	No	71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	06/12/85-06/12/85	0	3	
CHCH0142	No	71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	06/30/81-06/30/81	0	1	
CHCH0164	No	71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	06/30/81-06/30/81	0	3	
CHCH0177	No	71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	05/02/84-05/02/84	0	3	
CHCH0187	No	71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	06/30/81-06/30/81	0	2	
CHCH0299	No	71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	07/12/78-08/03/82	4	29	
CHCH0313	No	71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	10/24/86-12/09/90	4	3	
CHCH0354	No	71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	07/11/78-05/02/84	5	30	
CHCH0431	No	71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	10/14/92-10/14/92	0	1	
CHCH0042	Yes	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	04/23/86-04/23/86	0	1	
CHCH0044	No	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	04/23/86-04/23/86	0	1	
CHCH0268	No	72025	DEPTH OF POND OR RESERVOIR IN FEET	05/23/73-10/30/73	0	3	
CHCH0285	No	72025	DEPTH OF POND OR RESERVOIR IN FEET	05/23/73-10/30/73	0	3	
CHCH0408	No	72025	DEPTH OF POND OR RESERVOIR IN FEET	05/23/73-10/29/73	0	3	
CHCH0433	No	72030	ELEVATION OF RESERVOIR POOL (FT ABOVE MSL)	01/28/91-09/17/91	0	7	
CHCH0280	No	72033	FLOW, AVERAGE DAILY SPILLWAY DISCHARGE CFS	07/02/74-09/26/74	0	34	
CHCH0284	No	72033	FLOW, AVERAGE DAILY SPILLWAY DISCHARGE CFS	07/02/74-09/26/74	0	31	
CHCH0289	No	72033	FLOW, AVERAGE DAILY SPILLWAY DISCHARGE CFS	07/02/74-09/26/74	0	33	
CHCH0383	No	72033	FLOW, AVERAGE DAILY SPILLWAY DISCHARGE CFS	07/02/74-09/26/74	0	34	
CHCH0385	No	72033	FLOW, AVERAGE DAILY SPILLWAY DISCHARGE CFS	07/02/74-09/26/74	0	34	
CHCH0389	No	72033	FLOW, AVERAGE DAILY SPILLWAY DISCHARGE CFS	07/02/74-09/26/74	0	34	
CHCH0407	No	72033	FLOW, AVERAGE DAILY SPILLWAY DISCHARGE CFS	07/02/74-09/26/74	0	36	
CHCH0417	No	72033	FLOW, AVERAGE DAILY SPILLWAY DISCHARGE CFS	07/02/74-09/26/74	0	36	
CHCH0421	No	72033	FLOW, AVERAGE DAILY SPILLWAY DISCHARGE CFS	07/02/74-09/26/74	0	34	
CHCH0056	Yes	74010	IRON, TOTAL (MG/L AS FE)	12/15/92-12/15/92	0	1	
CHCH0057	Yes	74010	IRON, TOTAL (MG/L AS FE)	09/01/92-09/01/92	0	1	
CHCH0103	Yes	74010	IRON, TOTAL (MG/L AS FE)	12/15/92-12/15/92	0	1	
CHCH0153	Yes	74010	IRON, TOTAL (MG/L AS FE)	12/16/92-12/16/92	0	1	
CHCH0155	Yes	74010	IRON, TOTAL (MG/L AS FE)	12/16/92-12/16/92	0	1	
CHCH0166	No	74010	IRON, TOTAL (MG/L AS FE)	12/14/92-12/14/92	0	1	
CHCH0167	Yes	74010	IRON, TOTAL (MG/L AS FE)	12/16/92-12/16/92	0	1	
CHCH0172	No	74010	IRON, TOTAL (MG/L AS FE)	12/17/92-12/17/92	0	1	
CHCH0241	No	74010	IRON, TOTAL (MG/L AS FE)	06/26/80-06/26/80	0	1	
CHCH0242	No	74010	IRON, TOTAL (MG/L AS FE)	06/26/80-06/26/80	0	1	
CHCH0314	No	76530	BIPHENYL TISSUE ,WET WGT,MG/KG	07/07/87-08/19/87	0	2	
CHCH0012	No	77041	CARBON DISULFIDE WHOLE WATER,UG/L	02/12/86-08/13/98	12	12	
CHCH0055	No	77041	CARBON DISULFIDE WHOLE WATER,UG/L	03/26/91-07/02/91	0	2	
CHCH0242	No	77041	CARBON DISULFIDE WHOLE WATER,UG/L	06/26/80-06/26/80	0	1	
CHCH0012	No	77057	VINYL ACETATE WHOLE WATER,UG/L	07/28/95-08/13/98	3	3	
CHCH0012	No	77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	07/28/95-08/13/98	3	3	
CHCH0159	No	77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	08/21/92-04/15/93	0	3	
CHCH0245	No	77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	07/31/92-03/12/93	0	3	
CHCH0012	No	77103	2-HEXANONE WHOLE WATER,UG/L	02/12/86-08/13/98	12	12	
CHCH0055	No	77103	2-HEXANONE WHOLE WATER,UG/L	03/26/91-07/02/91	0	2	
CHCH0012	No	77128	STYRENE WHOLE WATER,UG/L	02/12/86-08/13/98	12	12	
CHCH0055	No	77128	STYRENE WHOLE WATER,UG/L	03/26/91-07/02/91	0	2	
CHCH0065	No	77128	STYRENE WHOLE WATER,UG/L	09/23/91-09/23/91	0	1	
CHCH0159	No	77128	STYRENE WHOLE WATER,UG/L	08/21/92-04/15/93	0	3	
CHCH0245	No	77128	STYRENE WHOLE WATER,UG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	77128	STYRENE WHOLE WATER,UG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	77128	STYRENE WHOLE WATER,UG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	77128	STYRENE WHOLE WATER,UG/L	07/31/92-03/12/93	0	3	
CHCH0012	No	77135	O-XYLENE WHOLE WATER,UG/L	01/30/90-08/13/98	8	6	
CHCH0055	No	77135	O-XYLENE WHOLE WATER,UG/L	03/26/91-07/02/91	0	2	
CHCH0061	No	77161	1,2-DICHLOROPROPENE WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0085	No	77161	1,2-DICHLOROPROPENE WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0090	No	77161	1,2-DICHLOROPROPENE WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0107	No	77161	1,2-DICHLOROPROPENE WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0111	No	77161	1,2-DICHLOROPROPENE WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0122	No	77161	1,2-DICHLOROPROPENE WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0137	No	77161	1,2-DICHLOROPROPENE WHOLE WATER,UG/L	09/10/80-09/10/80	0	2	
CHCH0156	No	77161	1,2-DICHLOROPROPENE WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0163	No	77161	1,2-DICHLOROPROPENE WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0169	No	77161	1,2-DICHLOROPROPENE WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0188	No	77161	1,2-DICHLOROPROPENE WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0189	No	77161	1,2-DICHLOROPROPENE WHOLE WATER,UG/L	09/10/80-09/10/80	0	1	
CHCH0012	No	77168	1,1-DICHLOROPROPENE WHOLE WATER,UG/L	07/28/95-08/13/98	3	3	
CHCH0159	No	77168	1,1-DICHLOROPROPENE WHOLE WATER,UG/L	08/21/92-04/15/93	0	3	
CHCH0245	No	77168	1,1-DICHLOROPROPENE WHOLE WATER,UG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	77168	1,1-DICHLOROPROPENE WHOLE WATER,UG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	77168	1,1-DICHLOROPROPENE WHOLE WATER,UG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	77168	1,1-DICHLOROPROPENE WHOLE WATER,UG/L	07/31/92-03/12/93	0	3	
CHCH0012	No	77170	2,2-DICHLOROPROPANE WHOLE WATER,UG/L	07/28/95-08/13/98	3	3	
CHCH0159	No	77170	2,2-DICHLOROPROPANE WHOLE WATER,UG/L	08/21/92-04/15/93	0	3	
CHCH0245	No	77170	2,2-DICHLOROPROPANE WHOLE WATER,UG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	77170	2,2-DICHLOROPROPANE WHOLE WATER,UG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	77170	2,2-DICHLOROPROPANE WHOLE WATER,UG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	77170	2,2-DICHLOROPROPANE WHOLE WATER,UG/L	07/31/92-03/12/93	0	3	
CHCH0012	No	77173	1,3-DICHLOROPROPANE WHOLE WATER,UG/L	07/28/95-08/13/98	3	3	
CHCH0159	No	77173	1,3-DICHLOROPROPANE WHOLE WATER,UG/L	08/21/92-04/15/93	0	3	
CHCH0245	No	77173	1,3-DICHLOROPROPANE WHOLE WATER,UG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	77173	1,3-DICHLOROPROPANE WHOLE WATER,UG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	77173	1,3-DICHLOROPROPANE WHOLE WATER,UG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	77173	1,3-DICHLOROPROPANE WHOLE WATER,UG/L	07/31/92-03/12/93	0	3	
CHCH0012	No	77189	N-BUTYL ACETATE WHOLE WATER,UG/L	01/30/90-07/23/91	1	3	
CHCH0055	No	77189	N-BUTYL ACETATE WHOLE WATER,UG/L	03/26/91-07/02/91	0	2	
CHCH0012	No	77222	1,2,4-TRIMETHYLBENZENE WHOLE WATER,UG/L	07/28/95-08/13/98	3	3	
CHCH0159	No	77222	1,2,4-TRIMETHYLBENZENE WHOLE WATER,UG/L	08/21/92-04/15/93	0	3	
CHCH0245	No	77222	1,2,4-TRIMETHYLBENZENE WHOLE WATER,UG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	77222	1,2,4-TRIMETHYLBENZENE WHOLE WATER,UG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	77222	1,2,4-TRIMETHYLBENZENE WHOLE WATER,UG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	77222	1,2,4-TRIMETHYLBENZENE WHOLE WATER,UG/L	07/31/92-03/12/93	0	3	
CHCH0012	No	77223	ISOPROPYLBENZENE WHOLE WATER,UG/L	07/28/95-08/13/98	3	3	
CHCH0159	No	77223	ISOPROPYLBENZENE WHOLE WATER,UG/L	08/21/92-04/15/93	0	3	
CHCH0245	No	77223	ISOPROPYLBENZENE WHOLE WATER,UG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	77223	ISOPROPYLBENZENE WHOLE WATER,UG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	77223	ISOPROPYLBENZENE WHOLE WATER,UG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	77223	ISOPROPYLBENZENE WHOLE WATER,UG/L	07/31/92-03/12/93	0	3	
CHCH0012	No	77224	N-PROPYLBENZENE WHOLE WATER,UG/L	07/28/95-08/13/98	3	3	
CHCH0159	No	77224	N-PROPYLBENZENE WHOLE WATER,UG/L	08/21/92-04/15/93	0	3	
CHCH0245	No	77224	N-PROPYLBENZENE WHOLE WATER,UG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	77224	N-PROPYLBENZENE WHOLE WATER,UG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	77224	N-PROPYLBENZENE WHOLE WATER,UG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	77224	N-PROPYLBENZENE WHOLE WATER,UG/L	07/31/92-03/12/93	0	3	
CHCH0012	No	77226	1,3,5-TRIMETHYLBENZENE WHOLE WATER,UG/L	07/28/95-08/13/98	3	3	
CHCH0159	No	77226	1,3,5-TRIMETHYLBENZENE WHOLE WATER,UG/L	08/21/92-04/15/93	0	3	
CHCH0245	No	77226	1,3,5-TRIMETHYLBENZENE WHOLE WATER,UG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	77226	1,3,5-TRIMETHYLBENZENE WHOLE WATER,UG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	77226	1,3,5-TRIMETHYLBENZENE WHOLE WATER,UG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	77226	1,3,5-TRIMETHYLBENZENE WHOLE WATER,UG/L	07/31/92-03/12/93	0	3	
CHCH0012	No	77275	1-METHYL-2-CHLOROBENZENE (O-CHLOR*WHOLE WATER,UG/L	07/28/95-08/13/98	3	3	
CHCH0159	No	77275	1-METHYL-2-CHLOROBENZENE (O-CHLOR*WHOLE WATER,UG/L	08/21/92-04/15/93	0	3	
CHCH0245	No	77275	1-METHYL-2-CHLOROBENZENE (O-CHLOR*WHOLE WATER,UG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	77275	1-METHYL-2-CHLOROBENZENE (O-CHLOR*WHOLE WATER,UG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	77275	1-METHYL-2-CHLOROBENZENE (O-CHLOR*WHOLE WATER,UG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	77275	1-METHYL-2-CHLOROBENZENE (O-CHLOR*WHOLE WATER,UG/L	07/31/92-03/12/93	0	3	
CHCH0012	No	77277	1-METHYL-4-CHLOROBENZENE (P-CHLOR*WHOLE WATER,UG/L	07/28/95-08/13/98	3	3	
CHCH0159	No	77277	1-METHYL-4-CHLOROBENZENE (P-CHLOR*WHOLE WATER,UG/L	08/21/92-04/15/93	0	3	
CHCH0245	No	77277	1-METHYL-4-CHLOROBENZENE (P-CHLOR*WHOLE WATER,UG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	77277	1-METHYL-4-CHLOROBENZENE (P-CHLOR*WHOLE WATER,UG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	77277	1-METHYL-4-CHLOROBENZENE (P-CHLOR*WHOLE WATER,UG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	77277	1-METHYL-4-CHLOROBENZENE (P-CHLOR*WHOLE WATER,UG/L	07/31/92-03/12/93	0	3	
CHCH0012	No	77297	CHLOROBROMOMETHANE WHOLE WATER,UG/L	07/28/95-08/13/98	3	3	
CHCH0012	No	77342	N-BUTYLBENZENE WHOLE WATER,UG/L	07/28/95-08/13/98	3	3	
CHCH0159	No	77342	N-BUTYLBENZENE WHOLE WATER,UG/L	08/21/92-04/15/93	0	3	
CHCH0245	No	77342	N-BUTYLBENZENE WHOLE WATER,UG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	77342	N-BUTYLBENZENE WHOLE WATER,UG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	77342	N-BUTYLBENZENE WHOLE WATER,UG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	77342	N-BUTYLBENZENE WHOLE WATER,UG/L	07/31/92-03/12/93	0	3	
CHCH0012	No	77350	SEC-BUTYLBENZENE WHOLE WATER,UG/L	07/28/95-08/13/98	3	3	
CHCH0159	No	77350	SEC-BUTYLBENZENE WHOLE WATER,UG/L	08/21/92-04/15/93	0	3	
CHCH0245	No	77350	SEC-BUTYLBENZENE WHOLE WATER,UG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	77350	SEC-BUTYLBENZENE WHOLE WATER,UG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	77350	SEC-BUTYLBENZENE WHOLE WATER,UG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	77350	SEC-BUTYLBENZENE WHOLE WATER,UG/L	07/31/92-03/12/93	0	3	
CHCH0012	No	77353	TERT-BUTYLBENZENE WHOLE WATER,UG/L	07/28/95-08/13/98	3	3	
CHCH0159	No	77353	TERT-BUTYLBENZENE WHOLE WATER,UG/L	08/21/92-04/15/93	0	3	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0245	No	77353	TERT-BUTYLBENZENE WHOLE WATER,UG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	77353	TERT-BUTYLBENZENE WHOLE WATER,UG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	77353	TERT-BUTYLBENZENE WHOLE WATER,UG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	77353	TERT-BUTYLBENZENE WHOLE WATER,UG/L	07/31/92-03/12/93	0	3	
CHCH0012	No	77356	1-METHYL-4-ISOPROPYLBENZENE WHOLE WATER,UG/L	07/28/95-08/13/98	3	3	
CHCH0159	No	77356	1-METHYL-4-ISOPROPYLBENZENE WHOLE WATER,UG/L	08/21/92-04/15/93	0	3	
CHCH0245	No	77356	1-METHYL-4-ISOPROPYLBENZENE WHOLE WATER,UG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	77356	1-METHYL-4-ISOPROPYLBENZENE WHOLE WATER,UG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	77356	1-METHYL-4-ISOPROPYLBENZENE WHOLE WATER,UG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	77356	1-METHYL-4-ISOPROPYLBENZENE WHOLE WATER,UG/L	07/31/92-03/12/93	0	3	
CHCH0012	No	77424	IODOMETHANE WHOLE WATER,UG/L	07/28/95-08/13/98	3	3	
CHCH0012	No	77443	1,2,3-TRICHLOROPROPANE WHOLE WATER,UG/L	07/28/95-08/13/98	3	3	
CHCH0159	No	77443	1,2,3-TRICHLOROPROPANE WHOLE WATER,UG/L	08/21/92-04/15/93	0	3	
CHCH0245	No	77443	1,2,3-TRICHLOROPROPANE WHOLE WATER,UG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	77443	1,2,3-TRICHLOROPROPANE WHOLE WATER,UG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	77443	1,2,3-TRICHLOROPROPANE WHOLE WATER,UG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	77443	1,2,3-TRICHLOROPROPANE WHOLE WATER,UG/L	07/31/92-03/12/93	0	3	
CHCH0012	No	77562	1,1,1,2-TETRACHLOROETHANE WHOLE WATER,UG/L	07/28/95-08/13/98	3	3	
CHCH0159	No	77562	1,1,1,2-TETRACHLOROETHANE WHOLE WATER,UG/L	08/21/92-04/15/93	0	3	
CHCH0245	No	77562	1,1,1,2-TETRACHLOROETHANE WHOLE WATER,UG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	77562	1,1,1,2-TETRACHLOROETHANE WHOLE WATER,UG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	77562	1,1,1,2-TETRACHLOROETHANE WHOLE WATER,UG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	77562	1,1,1,2-TETRACHLOROETHANE WHOLE WATER,UG/L	07/31/92-03/12/93	0	3	
CHCH0012	No	77596	METHYLENE BROMIDE WHOLE WATER,UG/L	07/28/95-08/13/98	3	3	
CHCH0012	No	77613	1,2,3-TRICHLOROBENZENE WHOLE WATER,UG/L	07/28/95-08/13/98	3	3	
CHCH0159	No	77613	1,2,3-TRICHLOROBENZENE WHOLE WATER,UG/L	08/21/92-04/15/93	0	3	
CHCH0245	No	77613	1,2,3-TRICHLOROBENZENE WHOLE WATER,UG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	77613	1,2,3-TRICHLOROBENZENE WHOLE WATER,UG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	77613	1,2,3-TRICHLOROBENZENE WHOLE WATER,UG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	77613	1,2,3-TRICHLOROBENZENE WHOLE WATER,UG/L	07/31/92-03/12/93	0	3	
CHCH0012	No	77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	07/12/89-08/13/98	9	4	
CHCH0065	No	77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	09/23/91-09/23/91	0	1	
CHCH0159	No	77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	08/21/92-04/15/93	0	3	
CHCH0245	No	77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	07/31/92-03/12/93	0	3	
CHCH0159	No	77652	1,1,2-TRICHLORO-1,2,2-TRIFLUOROET*WHOLE WATER,UG/L	01/04/93-04/15/93	0	2	
CHCH0245	No	77652	1,1,2-TRICHLORO-1,2,2-TRIFLUOROET*WHOLE WATER,UG/L	03/31/93-03/31/93	0	1	
CHCH0276	No	77652	1,1,2-TRICHLORO-1,2,2-TRIFLUOROET*WHOLE WATER,UG/L	02/11/93-04/05/93	0	2	
CHCH0326	No	77652	1,1,2-TRICHLORO-1,2,2-TRIFLUOROET*WHOLE WATER,UG/L	03/02/93-03/02/93	0	1	
CHCH0459	No	77652	1,1,2-TRICHLORO-1,2,2-TRIFLUOROET*WHOLE WATER,UG/L	12/04/92-03/12/93	0	2	
CHCH0012	No	78132	P-XYLENE IN WHOLE WATER UG/L	01/30/90-07/23/91	1	3	
CHCH0055	No	78132	P-XYLENE IN WHOLE WATER UG/L	03/26/91-07/02/91	0	2	
CHCH0313	No	78457	CHLORDENE, ALPHA-, FISH TISSUE, WET WEIGHT, MG/KG	01/11/89-02/15/95	6	69	
CHCH0392	No	78457	CHLORDENE, ALPHA-, FISH TISSUE, WET WEIGHT, MG/KG	10/01/92-02/15/95	2	12	
CHCH0419	No	78457	CHLORDENE, ALPHA-, FISH TISSUE, WET WEIGHT, MG/KG	11/16/89-11/17/89	0	10	
CHCH0431	No	78457	CHLORDENE, ALPHA-, FISH TISSUE, WET WEIGHT, MG/KG	11/06/90-10/14/92	1	11	
CHCH0313	No	78458	CHLORDENE, BETA-, FISH TISSUE, WET WEIGHT, MG/KG	01/11/89-12/09/90	1	25	
CHCH0419	No	78458	CHLORDENE, BETA-, FISH TISSUE, WET WEIGHT, MG/KG	11/16/89-11/17/89	0	10	
CHCH0431	No	78458	CHLORDENE, BETA-, FISH TISSUE, WET WEIGHT, MG/KG	11/06/90-11/07/90	0	10	
CHCH0313	No	78459	CHLORDENE, GAMMA-, FISH TISSUE, WET WEIGHT, MG/KG	01/11/89-02/15/95	6	69	
CHCH0392	No	78459	CHLORDENE, GAMMA-, FISH TISSUE, WET WEIGHT, MG/KG	10/01/92-02/15/95	2	12	
CHCH0419	No	78459	CHLORDENE, GAMMA-, FISH TISSUE, WET WEIGHT, MG/KG	11/16/89-11/17/89	0	10	
CHCH0431	No	78459	CHLORDENE, GAMMA-, FISH TISSUE, WET WEIGHT, MG/KG	11/06/90-10/14/92	1	11	
CHCH0314	No	78907	HEXACHLOROBIPHENYLS IN FISH TISSUE WET WGT. MG/KG	07/07/87-08/19/87	0	2	
CHCH0313	No	78922	NONACHLOR, TRANS, TISSUE, WET WEIGHT MG/KG	12/11/89-02/15/95	5	66	
CHCH0314	No	78922	NONACHLOR, TRANS, TISSUE, WET WEIGHT MG/KG	07/07/87-08/19/87	0	2	
CHCH0392	No	78922	NONACHLOR, TRANS, TISSUE, WET WEIGHT MG/KG	10/01/92-02/15/95	2	12	
CHCH0419	No	78922	NONACHLOR, TRANS, TISSUE, WET WEIGHT MG/KG	11/16/89-11/17/89	0	10	
CHCH0431	No	78922	NONACHLOR, TRANS, TISSUE, WET WEIGHT MG/KG	11/06/90-10/14/92	1	11	
CHCH0313	No	78923	NONACHLOR, CIS, TISSUE, WET WEIGHT MG/KG	12/11/89-02/15/95	5	66	
CHCH0314	No	78923	NONACHLOR, CIS, TISSUE, WET WEIGHT MG/KG	07/07/87-08/19/87	0	2	
CHCH0392	No	78923	NONACHLOR, CIS, TISSUE, WET WEIGHT MG/KG	10/01/92-02/15/95	2	12	
CHCH0419	No	78923	NONACHLOR, CIS, TISSUE, WET WEIGHT MG/KG	11/16/89-11/17/89	0	10	
CHCH0431	No	78923	NONACHLOR, CIS, TISSUE, WET WEIGHT MG/KG	11/06/90-10/14/92	1	11	
CHCH0313	No	79006	CHLORDENE IN FISH UG/KG	10/24/86-02/15/95	8	71	
CHCH0392	No	79006	CHLORDENE IN FISH UG/KG	10/01/92-02/15/95	2	12	
CHCH0419	No	79006	CHLORDENE IN FISH UG/KG	11/16/89-11/17/89	0	10	
CHCH0431	No	79006	CHLORDENE IN FISH UG/KG	11/06/90-10/14/92	1	11	
CHCH0314	No	79026	1,2,3,4,-TETRACHLOROBENZENE IN FISH WET WGT MG/KG	07/07/87-08/19/87	0	2	
CHCH0012	No	79191	PERMETHRIN IN WHOLE WATER UG/L	02/12/86-08/14/90	4	9	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0012	No	79193	ACIFLUORFEN, WATER, WHOLE UG/L	02/12/86-08/14/90	4	8	
CHCH0159	No	80082	BOD, CARBONACEOUS, 5 DAY, 20 DEG C MG/L	08/21/92-04/15/93	0	3	
CHCH0245	No	80082	BOD, CARBONACEOUS, 5 DAY, 20 DEG C MG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	80082	BOD, CARBONACEOUS, 5 DAY, 20 DEG C MG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	80082	BOD, CARBONACEOUS, 5 DAY, 20 DEG C MG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	80082	BOD, CARBONACEOUS, 5 DAY, 20 DEG C MG/L	07/31/92-12/04/92	0	2	
CHCH0433	No	80111	NITROGEN, TOTAL IN DRIED MATERIAL (MG/KG)	06/18/73-06/18/73	0	1	
CHCH0008	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	04/25/79-09/02/81	2	9	
CHCH0010	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	04/24/79-09/01/81	2	8	
CHCH0017	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	04/25/79-09/01/81	2	8	
CHCH0021	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	04/25/79-10/20/81	2	9	
CHCH0032	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	11/29/60-04/02/61	0	18	
CHCH0037	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	04/24/79-09/01/81	2	8	
CHCH0047	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	04/24/79-09/01/81	2	8	
CHCH0059	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	04/24/79-09/01/81	2	23	
CHCH0159	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	08/21/92-04/15/93	0	19	
CHCH0245	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	08/27/92-03/31/93	0	19	
CHCH0276	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	06/30/92-04/05/93	0	19	
CHCH0326	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	06/03/92-03/02/93	0	16	
CHCH0348	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	05/28/96-09/30/96	0	3	
CHCH0452	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	05/22/79-07/15/80	1	5	
CHCH0459	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	07/31/92-03/12/93	0	19	
CHCH0008	No	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	04/25/79-09/02/81	2	9	
CHCH0010	No	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	04/24/79-09/01/81	2	8	
CHCH0017	No	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	04/25/79-09/01/81	2	8	
CHCH0021	No	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	04/25/79-10/20/81	2	9	
CHCH0037	No	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	04/24/79-09/01/81	2	8	
CHCH0047	No	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	04/24/79-09/01/81	2	8	
CHCH0059	No	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	04/24/79-09/01/81	2	23	
CHCH0452	No	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	05/22/79-07/15/80	1	4	
CHCH0047	No	80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	04/18/79-04/18/79	0	1	
CHCH0047	No	80165	BED MATERIAL SIEVE DIAMETER,% FINER THAN .125MM	04/18/79-04/18/79	0	1	
CHCH0037	No	80166	BED MATERIAL SIEVE DIAMETER,% FINER THAN .250MM	05/10/79-05/10/79	0	1	
CHCH0047	No	80166	BED MATERIAL SIEVE DIAMETER,% FINER THAN .250MM	04/18/79-04/18/79	0	1	
CHCH0037	No	80167	BED MATERIAL SIEVE DIAMETER,% FINER THAN .500MM	05/10/79-05/10/79	0	1	
CHCH0047	No	80167	BED MATERIAL SIEVE DIAMETER,% FINER THAN .500MM	04/18/79-04/18/79	0	1	
CHCH0037	No	80168	BED MATERIAL SIEVE DIAMETER,% FINER THAN 1.00MM	05/10/79-05/10/79	0	1	
CHCH0047	No	80168	BED MATERIAL SIEVE DIAMETER,% FINER THAN 1.00MM	04/18/79-04/18/79	0	1	
CHCH0037	No	80169	BED MATERIAL SIEVE DIAMETER,% FINER THAN 2.00MM	05/10/79-05/10/79	0	1	
CHCH0047	No	80169	BED MATERIAL SIEVE DIAMETER,% FINER THAN 2.00MM	04/18/79-04/18/79	0	1	
CHCH0037	No	80170	BED MATERIAL SIEVE DIAMETER,% FINER THAN 4.00MM	05/10/79-05/10/79	0	1	
CHCH0047	No	80170	BED MATERIAL SIEVE DIAMETER,% FINER THAN 4.00MM	04/18/79-04/18/79	0	1	
CHCH0037	No	80171	BED MATERIAL SIEVE DIAMETER,% FINER THAN 8.00MM	05/10/79-05/10/79	0	1	
CHCH0047	No	80171	BED MATERIAL SIEVE DIAMETER,% FINER THAN 8.00MM	04/18/79-04/18/79	0	1	
CHCH0037	No	80172	BED MATERIAL SIEVE DIAMETER,% FINER THAN 16.0MM	05/10/79-05/10/79	0	1	
CHCH0047	No	80172	BED MATERIAL SIEVE DIAMETER,% FINER THAN 16.0MM	04/18/79-04/18/79	0	1	
CHCH0433	No	80203	TOTAL SEDIMENT SIEVE DIAMETER,% FINER THAN .062MM	06/08/82-08/05/92	10	5	
CHCH0433	No	80204	TOTAL SEDIMENT SIEVE DIAMETER,% FINER THAN .125MM	06/08/82-08/05/92	10	5	
CHCH0433	No	80206	TOTAL SEDIMENT SIEVE DIAMETER,% FINER THAN .500MM	06/08/82-08/05/92	10	5	
CHCH0433	No	80208	TOTAL SEDIMENT SIEVE DIAMETER,% FINER THAN 2.00MM	06/08/82-08/05/92	10	5	
CHCH0042	Yes	81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)	04/23/86-04/23/86	0	1	
CHCH0044	No	81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)	04/23/86-04/23/86	0	1	
CHCH0007	No	81205	BICARBONATE, (TONS PER DAY AS HCO3)	08/31/76-08/31/76	0	1	
CHCH0265	No	81280	NONPURGEABLE ORGANIC CARBON MG/L	02/10/75-02/10/75	0	1	
CHCH0314	No	81312	POLYCHLORINATEDBIPHENYLS FISH TISSUE WET WGT MG/KG	07/07/87-08/19/87	0	2	
CHCH0171	No	81436	CAFFEINE WHL WATER SMPL UG/L	08/21/76-08/21/76	0	1	
CHCH0171	No	81445	DIISOBUTYL PHTHALATE WHL WATER SMPL UG/L	08/21/76-08/21/76	0	1	
CHCH0171	No	81457	FATTY ACID METHYL ESTER C 19 WHL WATER SMPL UG/L	08/21/76-08/21/76	0	1	
CHCH0171	No	81458	FATTY ACID METHYL ESTER C 20 WHL WATER SMPL UG/L	08/21/76-08/21/76	0	1	
CHCH0171	No	81461	FATTY ACID METHYL ESTER C 23 WHL WATER SMPL UG/L	08/21/76-08/21/76	0	1	
CHCH0171	No	81466	HYDROCARBON C 8 WHL WATER SMPL UG/L	08/21/76-08/21/76	0	1	
CHCH0171	No	81467	HYDROCARBON C 10 WHL WATER SMPL UG/L	08/21/76-08/21/76	0	1	
CHCH0171	No	81468	HYDROCARBON C 12 WHL WATER SMPL UG/L	08/21/76-08/21/76	0	1	
CHCH0171	No	81469	HYDROCARBON C 14 WHL WATER SMPL UG/L	08/21/76-08/21/76	0	1	
CHCH0171	No	81471	HYDROCARBON C 16 WHL WATER SMPL UG/L	08/21/76-08/21/76	0	1	
CHCH0171	No	81474	HYDROCARBON C 18 WHL WATER SMPL UG/L	08/21/76-08/21/76	0	1	
CHCH0171	No	81475	HYDROCARBON C 20 WHL WATER SMPL UG/L	08/21/76-08/21/76	0	1	
CHCH0171	No	81476	HYDROCARBON C 22 WHL WATER SMPL UG/L	08/21/76-08/21/76	0	1	
CHCH0171	No	81477	HYDROCARBON C 24 WHL WATER SMPL UG/L	08/21/76-08/21/76	0	1	
CHCH0171	No	81478	HYDROCARBON C 26 WHL WATER SMPL UG/L	08/21/76-08/21/76	0	1	
CHCH0171	No	81481	METHOXY CARBONYL BENZOPHENONE WHL WATER SMPL UG/L	08/21/76-08/21/76	0	1	
CHCH0171	No	81489	METHYL MYRISTATE WHL WATER SMPL UG/L	08/21/76-08/21/76	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0171	No	81490	METHYL NAPHTHOATE WHL WATER SMPL UG/L	08/21/76-08/21/76	0	1	
CHCH0171	No	81491	METHYL PALMITATE WHL WATER SMPL UG/L	08/21/76-08/21/76	0	1	
CHCH0171	No	81492	METHYL PENTACHLOROPHENYL ETHER WHL WATER SMPL UG/L	08/21/76-08/21/76	0	1	
CHCH0171	No	81494	METHYL STEARATE WHL WATER SMPL UG/L	08/21/76-08/21/76	0	1	
CHCH0171	No	81495	METHYL TETRACHLOROPHENYL ETHER WHL WATER SMPL UG/L	08/21/76-08/21/76	0	1	
CHCH0171	No	81505	TERPINEOL C=15 WHL WATER SMPL UG/L	08/21/76-08/21/76	0	1	
CHCH0171	No	81513	BIPHENYL WHL WATER SMPL UG/L	08/21/76-08/21/76	0	1	
CHCH0242	No	81513	BIPHENYL WHL WATER SMPL UG/L	06/26/80-06/26/80	0	1	
CHCH0171	No	81531	DIMETHYL NAPTHALENE WHL WATER SMPL UG/L	08/21/76-08/21/76	0	1	
CHCH0171	No	81545	INDOLE WHL WATER SMPL UG/L	08/21/76-08/21/76	0	1	
CHCH0171	No	81546	METHYL ACENAPTHENE WHL WATER SMPL UG/L	08/21/76-08/21/76	0	1	
CHCH0012	No	81551	XYLENE WHL WATER SMPL UG/L	02/12/86-07/12/89	3	6	
CHCH0065	No	81551	XYLENE WHL WATER SMPL UG/L	09/23/91-09/23/91	0	1	
CHCH0159	No	81551	XYLENE WHL WATER SMPL UG/L	08/21/92-04/15/93	0	3	
CHCH0245	No	81551	XYLENE WHL WATER SMPL UG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	81551	XYLENE WHL WATER SMPL UG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	81551	XYLENE WHL WATER SMPL UG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	81551	XYLENE WHL WATER SMPL UG/L	07/31/92-03/12/93	0	3	
CHCH0012	No	81552	ACETONE WHL WATER SMPL UG/L	02/12/86-08/13/98	12	12	
CHCH0055	No	81552	ACETONE WHL WATER SMPL UG/L	03/26/91-07/02/91	0	2	
CHCH0012	No	81555	BROMOBENZENE WHL WATER SMPL UG/L	07/28/95-08/13/98	3	3	
CHCH0159	No	81555	BROMOBENZENE WHL WATER SMPL UG/L	08/21/92-04/15/93	0	3	
CHCH0245	No	81555	BROMOBENZENE WHL WATER SMPL UG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	81555	BROMOBENZENE WHL WATER SMPL UG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	81555	BROMOBENZENE WHL WATER SMPL UG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	81555	BROMOBENZENE WHL WATER SMPL UG/L	07/31/92-03/12/93	0	3	
CHCH0171	No	81579	DIMETHYL SULFIDE WHL WATER SMPL UG/L	08/21/76-08/21/76	0	1	
CHCH0012	No	81585	ETHYL ACETATE WHL WATER SMPL UG/L	01/30/90-07/23/91	1	3	
CHCH0055	No	81585	ETHYL ACETATE WHL WATER SMPL UG/L	03/26/91-07/02/91	0	2	
CHCH0012	No	81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	02/12/86-08/13/98	12	12	
CHCH0055	No	81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	03/26/91-07/02/91	0	2	
CHCH0012	No	81596	METHYL-ISOBUTYL KETONE WHL WATER SMPL UG/L	02/12/86-08/13/98	12	12	
CHCH0055	No	81596	METHYL-ISOBUTYL KETONE WHL WATER SMPL UG/L	03/26/91-07/02/91	0	2	
CHCH0142	No	81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	06/30/81-06/30/81	0	1	
CHCH0177	No	81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	09/30/91-09/30/91	0	1	
CHCH0227	No	81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	06/07/83-06/07/83	0	1	
CHCH0299	No	81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	07/12/78-10/16/79	1	6	
CHCH0301	No	81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	10/19/76-10/19/76	0	5	
CHCH0354	No	81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	07/11/78-10/16/79	1	3	
CHCH0142	No	81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	06/30/81-06/30/81	0	1	
CHCH0177	No	81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	09/30/91-09/30/91	0	1	
CHCH0227	No	81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	06/07/83-06/07/83	0	1	
CHCH0299	No	81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	07/12/78-10/16/79	1	6	
CHCH0301	No	81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	10/19/76-10/19/76	0	5	
CHCH0354	No	81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	07/11/78-10/16/79	1	3	
CHCH0099	No	81644	METHOXYCHLOR IN FISH TISSUE,UG/G WET WEIGHT	06/12/85-06/12/85	0	3	
CHCH0177	No	81644	METHOXYCHLOR IN FISH TISSUE,UG/G WET WEIGHT	05/02/84-09/30/91	7	4	
CHCH0299	No	81644	METHOXYCHLOR IN FISH TISSUE,UG/G WET WEIGHT	08/03/82-08/03/82	0	4	
CHCH0314	No	81644	METHOXYCHLOR IN FISH TISSUE,UG/G WET WEIGHT	07/07/87-08/19/87	0	2	
CHCH0354	No	81644	METHOXYCHLOR IN FISH TISSUE,UG/G WET WEIGHT	08/03/82-05/02/84	1	8	
CHCH0313	No	81645	MIREX IN FISH TISSUE WET WEIGHT UG/G	12/09/90-11/20/91	0	35	
CHCH0314	No	81645	MIREX IN FISH TISSUE WET WEIGHT UG/G	07/07/87-08/19/87	0	2	
CHCH0431	No	81645	MIREX IN FISH TISSUE WET WEIGHT UG/G	11/06/90-10/14/92	1	11	
CHCH0314	No	81652	TREFLAN IN FISH TISSUE WET WEIGHT MG/KG	07/07/87-08/19/87	0	2	
CHCH0012	No	81710	M-XYLENE IN THE WHOLE WATER SAMPLE MG/L	01/30/90-07/23/91	1	3	
CHCH0055	No	81710	M-XYLENE IN THE WHOLE WATER SAMPLE MG/L	03/26/91-07/02/91	0	2	
CHCH0091	No	81742	SILVER IN FISH TISSUE WET WEIGHT (MG/KG)PPM	06/30/81-06/30/81	0	4	
CHCH0142	No	81742	SILVER IN FISH TISSUE WET WEIGHT (MG/KG)PPM	06/30/81-06/30/81	0	1	
CHCH0164	No	81742	SILVER IN FISH TISSUE WET WEIGHT (MG/KG)PPM	06/30/81-06/30/81	0	3	
CHCH0187	No	81742	SILVER IN FISH TISSUE WET WEIGHT (MG/KG)PPM	06/30/81-06/30/81	0	2	
CHCH0314	No	81807	DURSBAN IN FISH TISSUE WET WEIGHT MG/KG	07/07/87-08/19/87	0	2	
CHCH0314	No	81823	PENTACHLOROANISOLE(PCA)INFISH TISSUE WET WGT MG/KG	07/07/87-08/19/87	0	2	
CHCH0313	No	82029	OXYCHLORDANE IN TISSUE SAMPLE WET WEIGHT MG/KG	10/24/86-11/20/91	5	50	
CHCH0314	No	82029	OXYCHLORDANE IN TISSUE SAMPLE WET WEIGHT MG/KG	07/07/87-08/19/87	0	2	
CHCH0419	No	82029	OXYCHLORDANE IN TISSUE SAMPLE WET WEIGHT MG/KG	11/16/89-11/17/89	0	10	
CHCH0431	No	82029	OXYCHLORDANE IN TISSUE SAMPLE WET WEIGHT MG/KG	11/06/90-11/07/90	0	10	
CHCH0008	No	82031	COAL IN BOTTOM MATERIAL DRY WEIGHT GRAMS/KG	09/02/81-09/02/81	0	1	
CHCH0010	No	82031	COAL IN BOTTOM MATERIAL DRY WEIGHT GRAMS/KG	09/01/81-09/01/81	0	1	
CHCH0017	No	82031	COAL IN BOTTOM MATERIAL DRY WEIGHT GRAMS/KG	09/01/81-09/01/81	0	1	
CHCH0021	No	82031	COAL IN BOTTOM MATERIAL DRY WEIGHT GRAMS/KG	09/01/81-09/01/81	0	1	
CHCH0037	No	82031	COAL IN BOTTOM MATERIAL DRY WEIGHT GRAMS/KG	09/01/81-09/01/81	0	1	
CHCH0047	No	82031	COAL IN BOTTOM MATERIAL DRY WEIGHT GRAMS/KG	09/01/81-09/01/81	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0059	No	82031	COAL IN BOTTOM MATERIAL DRY WEIGHT GRAMS/KG	09/01/81-09/01/81	0	1	
CHCH0452	No	82031	COAL IN BOTTOM MATERIAL DRY WEIGHT GRAMS/KG	07/15/80-07/15/80	0	1	
CHCH0012	No	82051	AMIBEN (CHLORAMBEN) WHOLE WATER,UG/L	02/12/86-08/14/90	4	8	
CHCH0065	No	82052	BANVEL (DICAMBA) WHOLE WATER,UG/L	09/23/91-09/23/91	0	1	
CHCH0021	No	82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	09/01/81-09/01/81	0	1	
CHCH0452	No	82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	08/19/81-08/19/81	0	1	
CHCH0433	No	82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	04/18/94-04/17/95	0	27	
CHCH0055	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	03/27/84-06/26/84	0	4	
CHCH0066	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	03/27/84-05/30/84	0	2	
CHCH0427	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	04/01/87-09/19/89	2	62	
CHCH0433	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/24/90-01/24/92	2	46	
CHCH0435	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	04/09/90-09/13/90	0	36	
CHCH0443	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	07/24/85-08/11/92	7	33	
CHCH0065	No	82183	2,4-DP (DICHLORPROP) TOTAL UG/L	09/23/91-09/23/91	0	1	
CHCH0001	No	82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	10/03/77-10/03/77	0	1	
CHCH0003	No	82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	09/27/77-09/27/77	0	1	
CHCH0022	No	82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	09/28/77-09/28/77	0	1	
CHCH0035	No	82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	10/07/77-10/07/77	0	1	
CHCH0039	No	82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	09/27/77-09/27/77	0	1	
CHCH0052	No	82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	09/24/77-09/24/77	0	1	
CHCH0112	No	82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	10/02/78-10/02/78	0	1	
CHCH0141	No	82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	09/21/78-09/21/78	0	1	
CHCH0161	No	82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	09/19/78-09/19/78	0	1	
CHCH0203	No	82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	09/19/78-09/19/78	0	1	
CHCH0215	No	82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	08/24/78-08/24/78	0	1	
CHCH0244	No	82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	10/02/78-10/02/78	0	1	
CHCH0277	No	82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	08/24/78-08/24/78	0	1	
CHCH0402	No	82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	08/24/78-08/24/78	0	1	
CHCH0439	No	82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	09/19/78-09/19/78	0	1	
CHCH0451	No	82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	08/25/78-08/25/78	0	1	
CHCH0462	No	82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	09/20/78-09/20/78	0	1	
CHCH0463	No	82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	08/24/78-08/24/78	0	1	
CHCH0348	No	82398	SAMPLING METHOD (CODES)	05/28/96-02/14/97	0	6	
CHCH0055	No	82580	TAPEDOWN DIST. FROM REF PT ABOVE TO H2O SURFACE FT	07/12/73-02/01/95	21	220	T,A
CHCH0066	No	82580	TAPEDOWN DIST. FROM REF PT ABOVE TO H2O SURFACE FT	09/25/73-12/21/92	19	100	
CHCH0159	No	82625	DIBROMOCHLOROPROPANE, WATER,TOTAL RECOVERABLE,UG/L	08/21/92-04/15/93	0	3	
CHCH0245	No	82625	DIBROMOCHLOROPROPANE, WATER,TOTAL RECOVERABLE,UG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	82625	DIBROMOCHLOROPROPANE, WATER,TOTAL RECOVERABLE,UG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	82625	DIBROMOCHLOROPROPANE, WATER,TOTAL RECOVERABLE,UG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	82625	DIBROMOCHLOROPROPANE, WATER,TOTAL RECOVERABLE,UG/L	07/31/92-03/12/93	0	3	
CHCH0065	No	82626	1,2-DIPHENYLHYDRAZINE,WATER,TOTAL RECOVERABLE,UG/L	09/23/91-09/23/91	0	1	
CHCH0159	No	82626	1,2-DIPHENYLHYDRAZINE,WATER,TOTAL RECOVERABLE,UG/L	08/21/92-04/15/93	0	3	
CHCH0245	No	82626	1,2-DIPHENYLHYDRAZINE,WATER,TOTAL RECOVERABLE,UG/L	08/27/92-03/31/93	0	3	
CHCH0276	No	82626	1,2-DIPHENYLHYDRAZINE,WATER,TOTAL RECOVERABLE,UG/L	06/30/92-04/05/93	0	3	
CHCH0326	No	82626	1,2-DIPHENYLHYDRAZINE,WATER,TOTAL RECOVERABLE,UG/L	06/03/92-03/02/93	0	3	
CHCH0459	No	82626	1,2-DIPHENYLHYDRAZINE,WATER,TOTAL RECOVERABLE,UG/L	07/31/92-03/12/93	0	3	
CHCH0348	No	82630	METRIBUZIN (SENCOR), WATER, DISSOLVED UG/L	05/28/96-02/14/97	0	6	
CHCH0348	No	82660	DIETHYLANILINE, 2, 6-,0.7UM FILT,TOT RECV,WTR UG/L	05/28/96-02/14/97	0	6	
CHCH0348	No	82661	TRIFLURALINE, 0.7UM FILT,TOT RECV, WATER UG/L	05/28/96-02/14/97	0	6	
CHCH0348	No	82663	ETHALFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	05/28/96-02/14/97	0	6	
CHCH0348	No	82664	PHORATE, 0.7 UM FILT, TOT RECV, WATER UG/L	05/28/96-02/14/97	0	6	
CHCH0348	No	82665	TERBACIL, 0.7 UM FILT, TOT RECV, WATER UG/L	05/28/96-02/14/97	0	6	
CHCH0348	No	82666	LINURON, 0.7 UM FILT, TOT RECV, WATER UG/L	05/28/96-02/14/97	0	6	
CHCH0348	No	82667	METHYL PARATHION,0.7 UM FILT,TOT RECV,WATER UG/L	05/28/96-02/14/97	0	6	
CHCH0348	No	82668	EPTC, 0.7 UM FILT, TOT RECV, WATER UG/L	05/28/96-02/14/97	0	6	
CHCH0348	No	82669	PEBULATE, 0.7 UM FILT, TOT RECV, WATER UG/L	05/28/96-02/14/97	0	6	
CHCH0348	No	82670	TEBUTHIURON, 0.7 UM FILT, TOT RECV, WATER UG/L	05/28/96-02/14/97	0	6	
CHCH0348	No	82671	MOLINATE, 0.7 UM FILT, TOT RECV, WATER UG/L	05/28/96-02/14/97	0	6	
CHCH0348	No	82672	ETHOPROP, 0.7 UM FILT, TOT RECV, WATER UG/L	05/28/96-02/14/97	0	6	
CHCH0348	No	82673	BENFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	05/28/96-02/14/97	0	6	
CHCH0348	No	82674	CARBOFURAN, 0.7 UM FILT, TOT RECV, WATER UG/L	05/28/96-02/14/97	0	6	
CHCH0348	No	82675	TERBUFOS, 0.7 UM FILT, TOT RECV, WATER UG/L	05/28/96-02/14/97	0	6	
CHCH0348	No	82676	PRONAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	05/28/96-02/14/97	0	6	
CHCH0348	No	82677	DISULFOTON, 0.7 UM FILT, TOT RECV, WATER UG/L	05/28/96-02/14/97	0	6	
CHCH0348	No	82678	TRIALLATE, 0.7 UM FILT, TOT RECV, WATER UG/L	05/28/96-02/14/97	0	6	
CHCH0348	No	82679	PROPANIL, 0.7 UM FILT, TOT RECV, WATER UG/L	05/28/96-02/14/97	0	6	
CHCH0348	No	82680	CARBARYL, 0.7 UM FILT, TOT RECV, WATER UG/L	05/28/96-02/14/97	0	6	
CHCH0348	No	82681	THIOBENCARB, 0.7 UM FILT, TOT RECV, WATER UG/L	05/28/96-02/14/97	0	6	
CHCH0348	No	82682	DCPA, 0.7 UM FILT, TOT RECV, WATER UG/L	05/28/96-02/14/97	0	6	
CHCH0348	No	82683	PENDIMETHALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	05/28/96-02/14/97	0	6	
CHCH0348	No	82684	NAPROPAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	05/28/96-02/14/97	0	6	
CHCH0348	No	82685	PROPARGITE, 0.7 UM FILT, TOT RECV, WATER UG/L	05/28/96-02/14/97	0	6	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0348	No	82686	METHYL AZINPHOS, 0.7 UM FILT, TOT RECV, WATER UG/L	05/28/96-02/14/97	0	6	
CHCH0348	No	82687	PERMETHRIN, CIS, 0.7 UM FILT, TOT RECV, WATER UG/L	05/28/96-02/14/97	0	6	
CHCH0042	Yes	83509	STREAM, WIDTH METER	04/23/86-04/23/86	0	1	
CHCH0044	No	83509	STREAM, WIDTH METER	04/23/86-04/23/86	0	1	
CHCH0133	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	04/19/79-04/19/79	0	1	
CHCH0133	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	04/19/79-04/19/79	0	1	
CHCH0091	No	84007	ANATOMY ALPHA CODE	06/30/81-06/30/81	0	4	
CHCH0099	No	84007	ANATOMY ALPHA CODE	06/12/85-06/12/85	0	12	
CHCH0142	No	84007	ANATOMY ALPHA CODE	06/30/81-06/30/81	0	1	
CHCH0164	No	84007	ANATOMY ALPHA CODE	06/30/81-06/30/81	0	3	
CHCH0177	No	84007	ANATOMY ALPHA CODE	05/02/84-09/30/91	7	11	
CHCH0187	No	84007	ANATOMY ALPHA CODE	06/30/81-06/30/81	0	4	
CHCH0227	No	84007	ANATOMY ALPHA CODE	06/07/83-06/07/83	0	1	
CHCH0299	No	84007	ANATOMY ALPHA CODE	07/12/78-08/03/82	4	44	
CHCH0301	No	84007	ANATOMY ALPHA CODE	10/19/76-10/19/76	0	5	
CHCH0313	No	84007	ANATOMY ALPHA CODE	12/09/90-12/09/90	0	1	
CHCH0314	No	84007	ANATOMY ALPHA CODE	07/07/87-08/19/87	0	2	
CHCH0354	No	84007	ANATOMY ALPHA CODE	07/11/78-05/02/84	5	51	
CHCH0091	No	84014	SPECIES SEX CODE	06/30/81-06/30/81	0	3	
CHCH0099	No	84014	SPECIES SEX CODE	06/12/85-06/12/85	0	12	
CHCH0164	No	84014	SPECIES SEX CODE	06/30/81-06/30/81	0	2	
CHCH0177	No	84014	SPECIES SEX CODE	05/02/84-09/30/91	7	11	
CHCH0187	No	84014	SPECIES SEX CODE	06/30/81-06/30/81	0	4	
CHCH0227	No	84014	SPECIES SEX CODE	06/07/83-06/07/83	0	1	
CHCH0299	No	84014	SPECIES SEX CODE	07/12/78-08/03/82	4	38	
CHCH0301	No	84014	SPECIES SEX CODE	10/19/76-10/19/76	0	1	
CHCH0313	No	84014	SPECIES SEX CODE	10/24/86-11/09/94	8	96	
CHCH0354	No	84014	SPECIES SEX CODE	07/11/78-05/02/84	5	49	
CHCH0392	No	84014	SPECIES SEX CODE	10/01/92-11/24/93	1	18	
CHCH0419	No	84014	SPECIES SEX CODE	11/16/89-11/17/89	0	10	
CHCH0431	No	84014	SPECIES SEX CODE	11/06/90-10/23/92	1	15	
CHCH0313	No	84068	SERIES CODE ALPHA-NUMERIC CODE	10/24/86-11/09/94	8	96	
CHCH0382	No	84068	SERIES CODE ALPHA-NUMERIC CODE	05/17/89-06/06/89	0	10	
CHCH0392	No	84068	SERIES CODE ALPHA-NUMERIC CODE	10/01/92-11/24/93	1	18	
CHCH0397	No	84068	SERIES CODE ALPHA-NUMERIC CODE	05/17/89-06/06/89	0	10	
CHCH0398	No	84068	SERIES CODE ALPHA-NUMERIC CODE	05/17/89-06/06/89	0	10	
CHCH0409	No	84068	SERIES CODE ALPHA-NUMERIC CODE	05/27/86-09/04/96	10	372	
CHCH0411	No	84068	SERIES CODE ALPHA-NUMERIC CODE	07/28/92-07/29/92	0	134	
CHCH0414	No	84068	SERIES CODE ALPHA-NUMERIC CODE	07/28/92-07/29/92	0	294	
CHCH0419	No	84068	SERIES CODE ALPHA-NUMERIC CODE	11/16/89-11/17/89	0	10	
CHCH0427	No	84068	SERIES CODE ALPHA-NUMERIC CODE	04/01/87-09/19/89	2	62	
CHCH0431	No	84068	SERIES CODE ALPHA-NUMERIC CODE	11/06/90-10/23/92	1	15	
CHCH0433	No	84068	SERIES CODE ALPHA-NUMERIC CODE	06/10/86-09/18/95	9	250	
CHCH0435	No	84068	SERIES CODE ALPHA-NUMERIC CODE	04/12/90-09/13/90	0	55	
CHCH0441	No	84068	SERIES CODE ALPHA-NUMERIC CODE	07/05/93-07/05/93	0	1	
CHCH0443	No	84068	SERIES CODE ALPHA-NUMERIC CODE	07/24/85-08/11/92	7	38	
CHCH0446	No	84068	SERIES CODE ALPHA-NUMERIC CODE	06/24/93-06/28/93	0	2	
CHCH0433	No	85305	RETENTION TIME, MEAN HYDRAULIC IN DAYS NES	04/18/94-09/12/94	0	6	
CHCH0230	No	85508	BARIUM-LANTHANUM IN PASTEURIZED MILK (PC/L)	01/06/69-01/07/74	5	119	
CHCH0230	No	85509	BARIUM-LANTHANUM, COUNTING ERROR IN MILK (PC/L)	01/06/69-01/07/74	5	119	
CHCH0230	No	85510	CARBON-14 IN PASTEURIZED MILK (PC/L)	01/04/71-01/04/71	0	1	
CHCH0230	No	85511	CARBON-14, COUNTING ERROR IN MILK (PC/L)	01/04/71-01/04/71	0	1	
CHCH0230	No	85514	CESIUM-137 IN PASTEURIZED MILK (PC/L)	01/06/69-01/07/74	5	119	
CHCH0230	No	85515	CESIUM-137, COUNTING ERROR IN MILK (PC/L)	01/06/69-01/07/74	5	119	
CHCH0230	No	85516	IODINE-131 IN PASTEURIZED MILK (PC/L)	01/06/69-01/07/74	5	119	
CHCH0230	No	85517	IODINE-131, COUNTING ERROR IN MILK (PC/L)	01/06/69-01/07/74	5	119	
CHCH0230	No	85520	POTASSIUM-40 IN PASTEURIZED MILK (GM/L)	01/06/69-01/07/74	5	119	
CHCH0230	No	85521	POTASSIUM-40, COUNTING ERROR IN MILK (GM/L)	01/06/69-01/07/74	5	119	
CHCH0230	No	85526	STRONTIUM-89 IN PASTUERIZED MILK (PC/L)	01/06/69-07/02/73	4	37	
CHCH0230	No	85527	STRONTIUM-89, COUNTING ERROR IN MILK (PC/L)	01/06/69-07/02/73	4	37	
CHCH0230	No	85528	STRONTIUM-90 IN PASTUERIZED MILK (PC/L)	01/06/69-07/02/73	4	37	
CHCH0230	No	85529	STRONTIUM-90, COUNTING ERROR IN MILK (PC/L)	01/06/69-07/02/73	4	37	
CHCH0230	No	85538	GAMMA SCAN DATE (YR,MO,DAY)	01/06/69-01/07/74	5	119	
CHCH0230	No	85539	DATE OF REPORT (YR,MO,DAY)	01/06/69-01/07/74	5	119	
CHCH0313	No	85664	WEIGHT, WET, OF FISH LIVER GRAMS	12/09/90-11/09/94	3	45	
CHCH0392	No	85664	WEIGHT, WET, OF FISH LIVER GRAMS	10/01/92-11/24/93	1	18	
CHCH0419	No	85664	WEIGHT, WET, OF FISH LIVER GRAMS	11/16/89-11/17/89	0	10	
CHCH0431	No	85664	WEIGHT, WET, OF FISH LIVER GRAMS	11/06/90-10/23/92	1	15	
CHCH0313	No	85665	WEIGHT, WET, FISH, RIGHT FILLET GRAMS	12/11/89-11/09/94	4	88	
CHCH0392	No	85665	WEIGHT, WET, FISH, RIGHT FILLET GRAMS	10/01/92-11/24/93	1	18	
CHCH0419	No	85665	WEIGHT, WET, FISH, RIGHT FILLET GRAMS	11/16/89-11/17/89	0	10	
CHCH0431	No	85665	WEIGHT, WET, FISH, RIGHT FILLET GRAMS	11/06/90-10/23/92	1	15	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 09/18/57 To 12/15/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CHCH0313	No	85666	WEIGHT, WET, FISH, LEFT FILLET GRAMS	12/11/89-11/09/94	4	88	
CHCH0392	No	85666	WEIGHT, WET, FISH, LEFT FILLET GRAMS	10/01/92-11/24/93	1	18	
CHCH0419	No	85666	WEIGHT, WET, FISH, LEFT FILLET GRAMS	11/16/89-11/17/89	0	10	
CHCH0431	No	85666	WEIGHT, WET, FISH, LEFT FILLET GRAMS	11/06/90-10/23/92	1	15	
CHCH0314	No	85675	TRICHLOROBENZENE,1,3,5- TISSUE,WET,WT,MG/KG	07/07/87-08/19/87	0	2	
CHCH0314	No	85676	TRICHLOROBENZENE,1,2,3- TISSUE,WET,WT,MG/KG	07/07/87-08/19/87	0	2	
CHCH0314	No	85677	TETRACHLOROBENZENE,1,2,4,5- TISSUE,WET,WT,MG/KG	07/07/87-08/19/87	0	2	
CHCH0314	No	85678	TETRACHLOROBENZENE,1,2,3,5- TISSUE,WET,WT,MG/KG	07/07/87-08/19/87	0	2	
CHCH0314	No	85679	PENTACHLOROBENZENE TISSUE,WET,WT,MG/KG	07/07/87-08/19/87	0	2	
CHCH0314	No	85680	DIPHENYL DISULFIDE TISSUE,WET,WT,MG/KG	07/07/87-08/19/87	0	2	
CHCH0314	No	85681	OCTACHLOROSTYRENE TISSUE,WET,WT,MG/KG	07/07/87-08/19/87	0	2	
CHCH0314	No	85682	NITROFEN TISSUE,WET,WT,MG/KG	07/07/87-08/19/87	0	2	
CHCH0314	No	85683	PERTHANE TISSUE,WET,WT,MG/KG	07/07/87-08/19/87	0	2	
CHCH0314	No	85684	DICOFOL (KELTHANE) TISSUE,WET,WT,MG/KG	07/07/87-08/19/87	0	2	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station-By-Station Results

Station Inventory for Station: CHCH0001

NPS Station ID: CHCH0001 LAT/LON: 34.825503/ -85.222003 Agency: 11NPSWRD Date Created: 04/03/99
Location: GAWA530R FIPS State/County: 13295 GEORGIA/WALKER
Station Type: /TYPA/AMBNT/SPRING STORET Station ID(s): CHCH_NURE_23 /3019772
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: TENNESSEE RIVER Elevation: 0 Water Body Id:
Minor Basin: TENNESSEE R-MAIN STEM & MINOR TRIBS ECO Region:
RF1 Index: 06020001 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 06020001011302.01 RF3 Mile Point: 3.41 Distance from RF3: 0.11 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE NICKAJACK GAP GEORGIA 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THIS SITE IS AT A SPRING AND IS LOCATED OUTSIDE OF THE CHICKAMAUGA AND CHATTANOOGA NATIONAL MILITARY PARK BOUNDARIES. EACH SAMPLE WAS FILTERED THROUGH A LESS THAN OR EQUAL TO 0.8 UM FILTER AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATABASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K.D. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATABASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUNDWATER DATA. THE "UNIQID" ENTRY WAS USED TO CREATE THE SECONARY STATION NAME. THE "SRLID" (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) ENTRY WAS USED TO CREATE THE LOCATION. SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY RONDA BURNS; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FT. COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: CHCH0001

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/03/77-10/03/77	1	22.	22.	22.	22.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/03/77-10/03/77	1	168.	168.	168.	168.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	10/03/77-10/03/77	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	10/03/77-10/03/77	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/03/77-10/03/77	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/03/77-10/03/77	1	40.	40.	40.	40.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/03/77-10/03/77	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/03/77-10/03/77	1	15.	15.	15.	15.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	10/03/77-10/03/77	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/03/77-10/03/77	1	24.	24.	24.	24.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	10/03/77-10/03/77	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	10/03/77-10/03/77	1	3600.	3600.	3600.	3600.	0.	0.	**	**	**	**
82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	10/03/77-10/03/77	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0001

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0002

NPS Station ID: CHCH0002
LAT/LON: 34.832781/ -85.316116
Agency: 131TVAC
Date Created: 08/16/80
Location: BRIDGE NEAR OWINGS CEMETERY
FIPS State/County: 13295 GEORGIA/WALKER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 130007
RMI-Indexes: 1021500 007720 00920 6180 0340
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 013.20 031.30
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: WEST CHICKAMAUGA CREEK 31.3
ECO Region:
RF1 Index: 06020001009
RF1 Mile Point: 4.850
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 06020001000907.66
RF3 Mile Point: 8.33
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/17/80-08/29/80	4	1.	1.	1.	1.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/17/80-08/29/80	4	23.	24.	27.	23.	4.	2.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/17/80-08/29/80	4	275.	272.5	280.	260.	91.667	9.574	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/17/80-08/29/80	4	6.7	6.65	7.1	6.1	0.197	0.443	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	07/17/80-08/29/80	3	1.1	1.633	2.8	1.	1.023	1.012	**	**	**	**
00400	PH (STANDARD UNITS)	07/17/80-08/29/80	4	7.65	7.625	8.	7.2	0.189	0.435	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/17/80-08/29/80	4	7.522	7.478	8.	7.2	0.218	0.467	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/17/80-08/29/80	4	0.03	0.033	0.063	0.01	0.001	0.027	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/17/80-08/29/80	4	120.	120.	120.	120.	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	07/17/80-08/29/80	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	07/30/80-08/29/80	2	0.145	0.145	0.17	0.12	0.001	0.035	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/30/80-08/29/80	2	0.025	0.025	0.03	0.02	0.	0.007	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/30/80-08/29/80	2	0.17	0.17	0.2	0.14	0.002	0.042	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/30/80-08/29/80	2	0.395	0.395	0.55	0.24	0.048	0.219	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/17/80-07/30/80	2	7150.	7150.	8300.	6000.	2645000.	1626.346	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/17/80-07/30/80	2	3.849	3.849	3.919	3.778	0.01	0.1	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			7056.912								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/17/80-07/30/80	2	360.	360.	580.	140.	96800.	311.127	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/17/80-07/30/80	2	2.455	2.455	2.763	2.146	0.191	0.436	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			284.956								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0002

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00	4	0	0.00									
00400	PH	Fresh Chronic	9.	4	0	0.00	4	0	0.00									
		Other-Lo Lim.	6.5	4	0	0.00	4	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00	2	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	2	1.00	2	2	1.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	2	1	0.50	2	1	0.50									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0003

NPS Station ID: CHCH0003 | LAT/LON: 34.837392/ -85.187505 | Agency: 11NPSWRD | Date Created: 04/03/99
Location: GACS517R | FIPS State/County: 13047 GEORGIA/CATOOSA
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): CHCH_NURE_18 /3015759
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 06020001 | Depth of Water: 0 | Aquifer:
Major Basin: TENNESSEE RIVER | Elevation: 0 | Water Body Id:
Minor Basin: TENNESSEE R-MAIN STEM & MINOR TRIBS | ECO Region:
RF1 Index: 06020001 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 06020001011302.01 | RF3 Mile Point: 3.41 | Distance from RF3: 0.11 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE NICKAJACK GAP GEORGIA 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THIS SITE IS AT A SPRING AND IS LOCATED OUTSIDE OF THE CHICKAMAUGA AND CHATTANOOGA NATIONAL MILITARY PARK BOUNDARIES. EACH SAMPLE WAS FILTERED THROUGH A LESS THAN OR EQUAL TO 0.8 UM FILTER AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATABASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K.D. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATABASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUNDWATER DATA. THE "UNIQID" ENTRY WAS USED TO CREATE THE SECONARY STATION NAME. THE "SRLID" (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) ENTRY WAS USED TO CREATE THE LOCATION. SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY RONDA BURNS; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FT. COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: CHCH0003

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/77-09/27/77	1	23.	23.	23.	23.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/27/77-09/27/77	1	215.	215.	215.	215.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	09/27/77-09/27/77	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	09/27/77-09/27/77	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/27/77-09/27/77	1	0.158	0.158	0.158	0.158	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/27/77-09/27/77	1	70.	70.	70.	70.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/27/77-09/27/77	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/27/77-09/27/77	1	1.98	1.98	1.98	1.98	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	09/27/77-09/27/77	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/27/77-09/27/77	1	36.	36.	36.	36.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/27/77-09/27/77	1	0.396	0.396	0.396	0.396	0.	0.	**	**	**	**
50700	FLUORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	09/27/77-09/27/77	1	17.	17.	17.	17.	0.	0.	**	**	**	**
50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	09/27/77-09/27/77	1	3200.	3200.	3200.	3200.	0.	0.	**	**	**	**
82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	09/27/77-09/27/77	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0003

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0004

NPS Station ID: CHCH0004
LAT/LON: 34.853337/ -85.273616
Agency: 131TVAC
Date Created: / /
Location: GLASS MILL ROAD BRIDGE
FIPS State/County: 13295 GEORGIA/WALKER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 120825
RMI-Indexes: 1021500 007720 00920 6180 0340
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 013.20 024.86
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: WEST CHICKAMAUGA CREEK 24.86
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 0.40
On/Off RF1:
RF3 Index: 06020001000816.78
RF3 Mile Point: 17.52
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/06/67-08/29/80	18	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/06/67-08/29/80	18	18.3	17.411	27.	7.5	39.668	6.298	7.77	10.525	23.	25.2
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/28/69-12/01/69	12	27.5	274.5	1770.	14.	308192.273	555.151	14.6	20.	119.5	1557.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/28/69-12/01/69	12	8.	20.333	100.	3.	962.97	31.032	3.6	5.	13.75	91.
00080	COLOR (PLATINUM-COBALT UNITS)	09/06/67-12/01/69	14	12.5	17.321	80.	2.5	391.793	19.794	2.5	4.375	20.	55.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/28/69-08/29/80	16	275.	273.125	510.	110.	9062.917	95.199	117.	215.	337.5	398.
00300	OXYGEN, DISSOLVED MG/L	09/06/67-08/29/80	18	6.9	6.944	11.2	3.4	4.824	2.196	4.12	5.1	8.825	10.03
00304	BOD, 2 DAY, 20 DEG C MG/L	09/06/67-10/13/67	2 ##	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/06/67-08/29/80	17	1.5	1.7	5.2	0.5	1.196	1.094	0.5	1.	2.15	3.28
00335	COD, .025N K2CR2O7 MG/L	01/28/69-12/01/69	12	14.	15.25	30.	4.	51.841	7.2	5.2	10.5	18.25	28.8
00400	PH (STANDARD UNITS)	09/06/67-08/29/80	18	7.55	7.561	8.1	7.1	0.074	0.273	7.19	7.3	7.725	7.92
00400	CONVERTED PH (STANDARD UNITS)	09/06/67-08/29/80	18	7.547	7.483	8.1	7.1	0.081	0.284	7.19	7.3	7.725	7.92
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/06/67-08/29/80	18	0.028	0.033	0.079	0.008	0.	0.02	0.012	0.019	0.05	0.065
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/28/69-08/29/80	16	99.	94.063	120.	37.	555.263	23.564	43.3	87.5	110.	120.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/28/69-08/29/80	16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00500	RESIDUE, TOTAL (MG/L)	09/06/67-12/01/69	14	200.	202.143	310.	130.	2664.286	51.617	135.	170.	222.5	300.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/06/67-12/01/69	14	185.	181.429	310.	80.	4320.879	65.733	100.	127.5	215.	300.
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/28/69-08/29/80	14	0.38	0.428	0.87	0.17	0.043	0.209	0.175	0.263	0.543	0.785
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/28/69-08/29/80	14	0.08	0.347	2.9	0.005	0.561	0.749	0.018	0.045	0.383	1.66
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/28/69-12/01/69	12	0.02	0.05	0.2	0.005	0.004	0.061	0.007	0.01	0.07	0.182
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/28/69-12/01/69	12	0.565	1.298	3.3	0.16	1.391	1.18	0.19	0.338	2.4	3.18
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/30/80-08/29/80	2	0.29	0.29	0.32	0.26	0.002	0.042	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/30/80-08/29/80	2	0.25	0.25	0.39	0.11	0.039	0.198	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/28/69-12/01/69	12	0.052	0.138	0.75	0.02	0.042	0.205	0.024	0.037	0.176	0.596
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	02/27/69-12/01/69	11	0.029	0.047	0.101	0.01	0.001	0.034	0.011	0.023	0.085	0.1
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/19/69-08/04/69	4	3.9	4.525	8.7	1.6	8.929	2.988	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	01/28/69-12/01/69	11	34.	31.	45.	15.	83.6	9.143	15.4	25.	35.	44.2
00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/28/69-12/01/69	11	6.	5.091	7.5	1.5	4.741	2.177	1.6	3.	7.	7.4
00929	SODIUM, TOTAL (MG/L AS NA)	01/28/69-12/01/69	12	9.1	10.167	32.	0.6	104.921	10.243	0.84	1.7	14.5	30.5
00937	POTASSIUM, TOTAL MG/L AS K)	01/28/69-12/01/69	12	1.7	1.708	2.9	0.2	0.515	0.718	0.47	1.25	2.1	2.81
00940	CHLORIDE,TOTAL IN WATER MG/L	01/28/69-12/01/69	12	16.5	14.417	42.	3.	114.811	10.715	3.3	5.25	18.	35.1
00945	SULFATE, TOTAL (MG/L AS SO4)	01/28/69-12/01/69	12	19.	22.083	50.	7.	192.811	13.886	7.	10.25	31.75	46.4
00951	FLUORIDE, TOTAL (MG/L AS F)	01/28/69-12/01/69	12	0.07	0.066	0.08	0.05	0.	0.013	0.05	0.05	0.08	0.08
00956	SILICA, TOTAL (MG/L AS SI02)	01/28/69-12/01/69	12	5.45	5.525	6.7	4.1	0.731	0.855	4.13	5.075	6.325	6.7
01045	IRON, TOTAL (UG/L AS FE)	01/28/69-12/01/69	11	220.	356.364	1800.	90.	241225.455	491.147	92.	100.	320.	1526.
01046	IRON, DISSOLVED (UG/L AS FE)	01/28/69-12/01/69	10	50.	111.	330.	25.	14398.889	119.995	25.	25.	225.	327.
01047	IRON, FERROUS (UG/L AS FE)	01/28/69-12/01/69	12 ##	25.	31.25	100.	25.	468.75	21.651	25.	25.	25.	77.5
01055	MANGANESE, TOTAL (UG/L AS MN)	01/28/69-12/01/69	11	60.	70.	220.	30.	2980.	54.589	30.	30.	80.	196.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01056	MANGANESE, DISSOLVED (UG/L AS MN)	02/27/69-12/01/69	10	25.	27.	60.	10.	178.889	13.375	11.	20.	30.	57.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/06/67-07/30/80	13	1200.	4370.	27000.	50.	54951650.	7412.938	90.	445.	6450.	19760.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/06/67-07/30/80	13	3.079	3.132	4.431	1.699	0.572	0.756	1.89	2.62	3.795	4.239
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1354.608								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/06/67-07/30/80	16	80.	616.25	5300.	10.	2131478.333	1459.958	10.	32.5	195.	3760.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/06/67-07/30/80	16	1.9	2.014	3.724	1.	0.592	0.769	1.	1.508	2.29	3.561
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			103.19								
46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	01/28/69-12/01/69	11	110.	99.091	140.	44.	943.891	30.723	45.4	87.	120.	138.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0004

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	12	2	0.17	5	0	0.00	4	0	0.00	3	2	0.67			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	18	1	0.06	11	0	0.00	4	1	0.25	3	0	0.00			
00400	PH	Fresh Chronic	9.	18	0	0.00	11	0	0.00	4	0	0.00	3	0	0.00			
		Other-Lo Lim.	6.5	18	0	0.00	11	0	0.00	4	0	0.00	3	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	12	0	0.00	5	0	0.00	4	0	0.00	3	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	12	0	0.00	5	0	0.00	4	0	0.00	3	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00	2	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	12	0	0.00	5	0	0.00	4	0	0.00	3	0	0.00			
		Drinking Water	250.	12	0	0.00	5	0	0.00	4	0	0.00	3	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	12	0	0.00	5	0	0.00	4	0	0.00	3	0	0.00			
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	12	0	0.00	5	0	0.00	4	0	0.00	3	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	13	9	0.69	7	6	0.86	3	0	0.00	3	3	1.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	16	4	0.25	9	2	0.22	4	0	0.00	3	2	0.67			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0005

NPS Station ID: CHCH0005
LAT/LON: 34.858616/ -85.088337
Agency: 131TVAC
Date Created: / /
Location: 0.75 MILE SSW OF COPELAND CROSSING
FIPS State/County: 13295 GEORGIA/WALKER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 120860
RMI-Indexes: 1021500 007720 00920 6180 0940 0100
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 034.80 004.10 001.03
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: DRY CREEK 1.03
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 06020001127200.00
RF3 Mile Point: 5.80
Distance from RF3: 0.12
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0005

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/25/69-12/01/69	11	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/25/69-12/01/69	11	16.1	15.191	24.4	3.3	43.643	6.606	4.54	10.3	21.1	24.08
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/25/69-12/01/69	11	2.	3.182	7.	1.	4.564	2.136	1.	2.	5.	6.8
00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/25/69-12/01/69	11	7.	7.364	15.	2.	12.855	3.585	2.4	5.	10.	14.
00080	COLOR (PLATINUM-COBALT UNITS)	02/25/69-12/01/69	11	15.	14.318	30.	2.5	116.364	10.787	2.5	2.5	25.	30.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/25/69-12/01/69	11	190.	167.727	240.	80.	4254.418	65.226	80.8	94.	230.	238.
00300	OXYGEN, DISSOLVED MG/L	02/25/69-12/01/69	11	9.1	8.609	12.1	5.	8.143	2.854	5.08	5.7	11.5	12.06
00310	BOD, 5 DAY, 20 DEG C MG/L	02/25/69-12/01/69	11 ##	0.5	1.636	4.7	0.5	2.315	1.521	0.5	0.5	2.5	4.52
00400	PH (STANDARD UNITS)	02/25/69-12/01/69	11	7.5	7.518	7.7	7.3	0.018	0.133	7.32	7.4	7.6	7.7
00400	CONVERTED PH (STANDARD UNITS)	02/25/69-12/01/69	11	7.5	7.5	7.7	7.3	0.018	0.134	7.32	7.4	7.6	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/25/69-12/01/69	11	0.032	0.032	0.05	0.02	0.	0.01	0.02	0.025	0.04	0.048
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/25/69-12/01/69	11	90.	71.636	110.	28.	1007.855	31.747	29.	34.	94.	107.2
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	02/25/69-12/01/69	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00500	RESIDUE, TOTAL (MG/L)	02/25/69-12/01/69	11	110.	117.273	170.	70.	1421.818	37.707	70.	90.	160.	168.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	02/25/69-12/01/69	11	100.	108.182	160.	60.	1336.364	36.556	62.	80.	150.	158.
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	02/25/69-12/01/69	11	0.28	0.353	0.82	0.14	0.055	0.234	0.142	0.16	0.48	0.804
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/25/69-12/01/69	11 ##	0.005	0.033	0.14	0.005	0.002	0.042	0.005	0.005	0.05	0.124
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	02/25/69-12/01/69	11	0.01	0.01	0.02	0.005	0.	0.005	0.005	0.005	0.01	0.02
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/25/69-12/01/69	11	0.07	0.07	0.15	0.01	0.002	0.046	0.01	0.02	0.11	0.144
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/25/69-12/01/69	11	0.029	0.034	0.082	0.003	0.001	0.023	0.004	0.016	0.049	0.077
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	02/25/69-12/01/69	11	0.02	0.022	0.052	0.002	0.	0.014	0.003	0.013	0.029	0.049
00916	CALCIUM, TOTAL (MG/L AS CA)	02/25/69-12/01/69	11	28.	23.545	38.	10.	119.473	10.93	10.	11.	33.	37.4
00927	MAGNESIUM, TOTAL (MG/L AS MG)	02/25/69-12/01/69	11	4.5	3.636	5.5	1.5	2.705	1.645	1.5	1.5	5.	5.4
00929	SODIUM, TOTAL (MG/L AS NA)	02/25/69-12/01/69	10	1.2	1.13	1.8	0.7	0.125	0.353	0.7	0.775	1.325	1.76
00937	POTASSIUM, TOTAL MG/L AS K)	02/25/69-12/01/69	10	1.75	1.88	3.2	1.	0.551	0.742	1.01	1.25	2.55	3.15
00940	CHLORIDE,TOTAL IN WATER MG/L	02/25/69-12/01/69	11	3.	3.455	4.	3.	0.273	0.522	3.	3.	4.	4.
00945	SULFATE, TOTAL (MG/L AS SO4)	02/25/69-12/01/69	11	12.	10.273	17.	4.	22.218	4.714	4.2	5.	14.	16.6
00951	FLUORIDE, TOTAL (MG/L AS F)	02/25/69-12/01/69	11	0.08	0.076	0.11	0.04	0.001	0.023	0.042	0.06	0.09	0.11
00956	SILICA, TOTAL (MG/L AS SI02)	02/25/69-12/01/69	11	7.5	7.564	9.1	5.	1.877	1.37	5.2	6.2	8.6	9.1
01045	IRON, TOTAL (UG/L AS FE)	02/25/69-12/01/69	11	280.	262.727	380.	190.	3821.818	61.821	190.	200.	300.	368.
01046	IRON, DISSOLVED (UG/L AS FE)	02/25/69-12/01/69	11	80.	92.727	200.	50.	2201.818	46.924	50.	50.	130.	186.
01047	IRON, FERROUS (UG/L AS FE)	02/25/69-12/01/69	11 ##	25.	29.545	50.	25.	102.273	10.113	25.	25.	25.	50.
01055	MANGANESE, TOTAL (UG/L AS MN)	02/25/69-12/01/69	11	40.	59.091	120.	20.	1569.091	39.612	20.	20.	100.	120.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	02/25/69-12/01/69	10	30.	42.	120.	20.	1173.333	34.254	20.	20.	45.	117.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	02/25/69-12/01/69	11	580.	2240.	7000.	40.	9159260.	3026.427	46.	280.	6700.	7000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	02/25/69-12/01/69	11	2.763	2.839	3.845	1.602	0.603	0.777	1.651	2.447	3.826	3.845
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			690.649								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/25/69-12/01/69	11	480.	572.273	2500.	5.	558706.818	747.467	6.	20.	760.	2226.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0005

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/25/69-12/01/69	11	2.681	2.176	3.398	0.699	0.871	0.933	0.759	1.301	2.881	3.329
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			150.011								
46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	02/25/69-12/01/69	11	86.	74.091	120.	31.	1173.491	34.256	31.	34.	100.	118.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0005

				Total	Exceed	Prop.	----------6/01-10/31----------			----------11/01-2/29----------			----------3/01-5/31----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
00400	PH	Fresh Chronic	9.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
		Other-Lo Lim.	6.5	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
		Drinking Water	250.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	11	4	0.36	5	3	0.60	3	0	0.00	3	1	0.33			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	11	6	0.55	5	5	1.00	3	0	0.00	3	1	0.33			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0006

NPS Station ID: CHCH0006
LAT/LON: 34.860282/ -85.433060
Agency: 112WRD
Date Created: 01/25/77
Location: ROCK CR AT SR 170 NR DURHAM,GA
FIPS State/County: 13295 GEORGIA/WALKER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 03568304
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 06020001003
RF1 Mile Point: 14.950
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 06020001127301.27
RF3 Mile Point: 1.26
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/07/76-04/21/77	2	15.25	15.25	16.	14.5	1.125	1.061	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/07/76-04/21/77	2	2.35	2.35	4.	0.7	5.445	2.333	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/07/76-09/07/76	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/07/76-04/21/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/07/76-02/14/80	3	272.	279.667	300.	267.	316.333	17.786	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/07/76-04/21/77	2	9.3	9.3	9.8	8.8	0.5	0.707	**	**	**	**
00400	PH (STANDARD UNITS)	09/07/76-04/21/77	2	6.9	6.9	7.2	6.6	0.18	0.424	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/07/76-04/21/77	2	6.804	6.804	7.2	6.6	0.199	0.446	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/07/76-04/21/77	2	0.157	0.157	0.251	0.063	0.018	0.133	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	09/07/76-04/21/77	2	7.1	7.1	11.	3.2	30.42	5.515	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/07/76-04/21/77	2	24.	24.	26.	22.	8.	2.828	**	**	**	**
00435	ACIDITY, TOTAL (MG/L AS CACO3)	09/07/76-04/21/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/07/76-04/21/77	2	29.5	29.5	32.	27.	12.5	3.536	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/07/76-04/21/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	09/07/76-04/21/77	2	0.175	0.175	0.2	0.15	0.001	0.035	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/07/76-04/21/77	2	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	09/07/76-04/21/77	2	0.035	0.035	0.04	0.03	0.	0.007	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/07/76-04/21/77	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/07/76-04/21/77	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/07/76-04/21/77	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/07/76-04/21/77	2	0.14	0.14	0.17	0.11	0.002	0.042	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	09/07/76-04/21/77	2	0.035	0.035	0.04	0.03	0.	0.007	**	**	**	**
00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	09/07/76-04/21/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/07/76-04/21/77	2	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/07/76-04/21/77	2	0.14	0.14	0.17	0.11	0.002	0.042	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/07/76-04/21/77	2	0.15	0.15	0.2	0.1	0.005	0.071	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	09/07/76-04/21/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/07/76-04/21/77	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/07/76-04/21/77	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/07/76-04/21/77	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/07/76-04/21/77	2	0.6	0.6	1.2	0.	0.72	0.849	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/07/76-09/07/76	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/07/76-04/21/77	2	135.	135.	150.	120.	450.	21.213	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/07/76-04/21/77	2	110.	110.	120.	100.	200.	14.142	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/07/76-04/21/77	2	26.5	26.5	29.	24.	12.5	3.536	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/07/76-04/21/77	2	17.	17.	19.	15.	8.	2.828	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/07/76-04/21/77	2	3.3	3.3	3.5	3.1	0.08	0.283	**	**	**	**
00931	SODIUM ADSORPTION RATIO	09/07/76-04/21/77	2	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00932	SODIUM, PERCENT	09/07/76-04/21/77	2	5.	5.	5.	5.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/07/76-04/21/77	2	1.95	1.95	2.	1.9	0.005	0.071	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/07/76-04/21/77	2	0.85	0.85	0.9	0.8	0.005	0.071	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/07/76-04/21/77	2	110.	110.	120.	100.	200.	14.142	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/07/76-04/21/77	2	0.25	0.25	0.4	0.1	0.045	0.212	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/07/76-04/21/77	2	10.	10.	10.	10.	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/07/76-04/21/77	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/07/76-04/21/77	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/07/76-04/21/77	2 ##	3.5	3.5	7.	0.	24.5	4.95	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	09/07/76-04/21/77	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/07/76-04/21/77	2	120.	120.	130.	110.	200.	14.142	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/07/76-04/21/77	2	60.	60.	80.	40.	800.	28.284	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	09/07/76-04/21/77	2	4.	4.	4.	4.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	09/07/76-02/14/80	3	130.	160.	240.	110.	4900.	70.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/07/76-04/21/77	2	125.	125.	140.	110.	450.	21.213	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	09/07/76-04/21/77	2	35.	35.	40.	30.	50.	7.071	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/07/76-04/21/77	2	115.	115.	170.	60.	6050.	77.782	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/07/76-04/21/77	2	208.	208.	222.	194.	392.	19.799	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/07/76-04/21/77	2	185.5	185.5	201.	170.	480.5	21.92	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	09/07/76-04/21/77	2	1.17	1.17	1.94	0.4	1.186	1.089	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/07/76-04/21/77	2	0.28	0.28	0.3	0.26	0.001	0.028	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/07/76-09/07/76	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
71825	ACIDITY, TOTAL (MG/L AS H)	09/07/76-04/21/77	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	09/07/76-04/21/77	2	0.005	0.005	0.01	0.	0.	0.007	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/07/76-04/21/77	2	0.65	0.65	0.8	0.5	0.045	0.212	**	**	**	**
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	09/07/76-04/21/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	09/07/76-04/21/77	2	0.75	0.75	0.9	0.6	0.045	0.212	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	09/07/76-04/21/77	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0006

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	1	0	0.00				1	0	0.00			
00400	PH	Fresh Chronic	9.	2	0	0.00	1	0	0.00				1	0	0.00			
		Other-Lo Lim.	6.5	2	0	0.00	1	0	0.00				1	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	2	0	0.00	1	0	0.00				1	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	2	0	0.00	1	0	0.00				1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00	1	0	0.00				1	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00	1	0	0.00				1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	250.	2	0	0.00	1	0	0.00				1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00	1	0	0.00				1	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00	1	0	0.00				1	0	0.00			
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	50.	2	0	0.00	1	0	0.00				1	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	5.	2	0	0.00	1	0	0.00				1	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	2	0	0.00	1	0	0.00				1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	1300.	2	0	0.00	1	0	0.00				1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	15.	2	0	0.00	1	0	0.00				1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	5000.	2	0	0.00	1	0	0.00				1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	2	0	0.00	1	0	0.00				1	0	0.00			
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	2	0	0.00	1	0	0.00				1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0006

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
71890 MERCURY, DISSOLVED	Fresh Acute	2.4	2	0	0.00	1	0	0.00				1	0	0.00			
	Drinking Water	2.	2	0	0.00	1	0	0.00				1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0007

NPS Station ID: CHCH0007
LAT/LON: 34.860282/ -85.434170
Agency: 112WRD
Date Created: 05/17/80
Location: ROCK CR TRIB(MINE SEEP) AT SR170 NR DURHAM, GA.
FIPS State/County: 13295 GEORGIA/WALKER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 03568305
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 06020001003
RF1 Mile Point: 14.950
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 06020001126900.00
RF3 Mile Point: 4.85
Distance from RF3: 0.05
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/31/76-08/31/76	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/31/76-08/31/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/31/76-08/31/76	1	554.	554.	554.	554.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/31/76-08/31/76	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/31/76-08/31/76	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/31/76-08/31/76	1	100.	100.	100.	100.	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/31/76-08/31/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/31/76-08/31/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00435	ACIDITY, TOTAL (MG/L AS CACO3)	08/31/76-08/31/76	1	35.	35.	35.	35.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/31/76-08/31/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/31/76-08/31/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	08/31/76-08/31/76	1	0.18	0.18	0.18	0.18	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/31/76-08/31/76	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	08/31/76-08/31/76	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/31/76-08/31/76	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/31/76-08/31/76	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/31/76-08/31/76	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/31/76-08/31/76	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	08/31/76-08/31/76	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	08/31/76-08/31/76	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/31/76-08/31/76	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/31/76-08/31/76	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/31/76-08/31/76	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/31/76-08/31/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/31/76-08/31/76	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/31/76-08/31/76	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/31/76-08/31/76	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/31/76-08/31/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/31/76-08/31/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/31/76-08/31/76	1	270.	270.	270.	270.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/31/76-08/31/76	1	270.	270.	270.	270.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/31/76-08/31/76	1	32.	32.	32.	32.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/31/76-08/31/76	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/31/76-08/31/76	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	08/31/76-08/31/76	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/31/76-08/31/76	1	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/31/76-08/31/76	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/31/76-08/31/76	1	300.	300.	300.	300.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/31/76-08/31/76	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/31/76-08/31/76	1	23.	23.	23.	23.	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/31/76-08/31/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/31/76-08/31/76	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/31/76-08/31/76	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/31/76-08/31/76	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	08/31/76-08/31/76	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	08/31/76-08/31/76	1	17.	17.	17.	17.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/31/76-08/31/76	1	110.	110.	110.	110.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	08/31/76-08/31/76	1	22.	22.	22.	22.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/31/76-08/31/76	1	1500.	1500.	1500.	1500.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	08/31/76-08/31/76	1	140.	140.	140.	140.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/31/76-08/31/76	1	554.	554.	554.	554.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/31/76-08/31/76	1	220.	220.	220.	220.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/31/76-08/31/76	1	400.	400.	400.	400.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/31/76-08/31/76	1	470.	470.	470.	470.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/31/76-08/31/76	1	421.	421.	421.	421.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/31/76-08/31/76	1	0.64	0.64	0.64	0.64	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/31/76-08/31/76	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
71825	ACIDITY, TOTAL (MG/L AS H)	08/31/76-08/31/76	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	08/31/76-08/31/76	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/31/76-08/31/76	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/31/76-08/31/76	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	08/31/76-08/31/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	08/31/76-08/31/76	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	08/31/76-08/31/76	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
81205	BICARBONATE, (TONS PER DAY AS HCO3)	08/31/76-08/31/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0007

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	1	1.00	1	1	1.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00	1	0	0.00									
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00	1	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	1	1	1.00	1	1	1.00									
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	1	1.00	1	1	1.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	1	1.00	1	1	1.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0007

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
71890 MERCURY, DISSOLVED	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
	Drinking Water	2.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0008

NPS Station ID: CHCH0008 LAT/LON: 34.860559/ -85.433060 Agency: 112WRD Date Created: 07/12/80
Location: ROCK CREEK BELOW ST RT 170 NR DURHAM, GA. FIPS State/County: 13295 GEORGIA/WALKER
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 03568306
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 06020001003 RF1 Mile Point: 14.950 Distance from RF1: 32.80 On/Off RF1: OFF
RF3 Index: 06020001126600.00 RF3 Mile Point: 1.67 Distance from RF3: 0.41 On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/25/79-09/02/81	9	14.	15.167	18.5	11.5	6.188	2.487	11.5	13.5	18.	18.5
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/25/79-09/02/81	9	5.	5.144	13.	0.6	16.208	4.026	0.6	1.35	7.5	13.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/25/79-09/02/81	9	290.	302.333	400.	258.	2317.75	48.143	258.	266.	336.5	400.
00300	OXYGEN, DISSOLVED MG/L	04/25/79-09/02/81	9	9.4	9.333	10.4	7.6	0.718	0.847	7.6	8.9	9.95	10.4
00400	PH (STANDARD UNITS)	04/25/79-04/16/81	8	6.95	6.875	7.1	6.6	0.036	0.191	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/25/79-04/16/81	8	6.947	6.836	7.1	6.6	0.038	0.195	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/25/79-04/16/81	8	0.113	0.146	0.251	0.079	0.005	0.069	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	04/16/81-09/02/81	2	7.15	7.15	7.3	7.	0.045	0.212	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	04/16/81-09/02/81	2	7.125	7.125	7.3	7.	0.046	0.215	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/16/81-09/02/81	2	0.075	0.075	0.1	0.05	0.001	0.035	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/03/79-08/21/80	6	6.9	10.9	37.	2.8	168.168	12.968	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/25/79-04/16/81	8	18.	18.75	26.	15.	11.929	3.454	**	**	**	**
00435	ACIDITY, TOTAL (MG/L AS CACO3)	04/25/79-09/02/81	5	0.	1.	5.	0.	5.	2.236	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/03/79-05/22/80	2	0.2	0.2	0.3	0.1	0.02	0.141	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/03/79-05/22/80	2	120.	120.	130.	110.	200.	14.142	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/03/79-05/22/80	2	96.	96.	100.	92.	32.	5.657	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/03/79-05/22/80	2	23.	23.	25.	21.	8.	2.828	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/03/79-05/22/80	2	15.	15.	16.	14.	2.	1.414	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/03/79-05/22/80	2	3.	3.	3.3	2.7	0.18	0.424	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/03/79-05/22/80	2	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	08/03/79-05/22/80	2	5.	5.	5.	5.	0.	0.	**	**	**	**
00933	SODIUM,PLUS POTASSIUM (MG/L)	08/03/79-08/03/79	1	5.2	5.2	5.2	5.2	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/03/79-05/22/80	2	1.7	1.7	1.9	1.5	0.08	0.283	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/03/79-05/22/80	2	0.85	0.85	1.	0.7	0.045	0.212	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/25/79-09/02/81	9	110.	124.444	190.	100.	927.778	30.459	100.	105.	140.	190.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/03/79-05/22/80	2	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/03/79-05/22/80	2	11.	11.	12.	10.	2.	1.414	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	08/03/79-05/22/80	2 ##	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	09/02/81-09/02/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	08/03/79-05/22/80	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/02/81-09/02/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/02/81-09/02/81	1	9.	9.	9.	9.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/03/79-05/22/80	2 ##	7.	7.	10.	4.	18.	4.243	**	**	**	**
01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	09/02/81-09/02/81	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/03/79-05/22/80	2	7.	7.	8.	6.	2.	1.414	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/02/81-09/02/81	1	330.	330.	330.	330.	0.	0.	**	**	**	**
01044	IRON, SUSPENDED (UG/L AS FE)	04/25/79-09/02/81	7	80.	151.429	550.	50.	32447.619	180.132	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	04/25/79-09/02/81	9	150.	213.333	600.	80.	29700.	172.337	80.	95.	315.	600.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01046	IRON, DISSOLVED (UG/L AS FE)	04/25/79-09/02/81	7	40.	55.714	110.	10.	1528.571	39.097	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	08/03/79-05/22/80	2	3.5	3.5	4.	3.	0.5	0.707	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/02/81-09/02/81	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	09/02/81-09/02/81	1	390.	390.	390.	390.	0.	0.	**	**	**	**
01054	MANGANESE, SUSPENDED (UG/L AS MN)	04/25/79-09/02/81	7	0.	5.714	30.	0.	128.571	11.339	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	04/25/79-09/02/81	9	240.	296.667	560.	170.	19475.	139.553	170.	205.	410.	560.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/25/79-09/02/81	7	250.	315.714	580.	170.	25395.238	159.359	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/03/79-05/22/80	2	90.	90.	100.	80.	200.	14.142	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	09/02/81-09/02/81	1	121.	121.	121.	121.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	08/03/79-05/22/80	2	215.	215.	310.	120.	18050.	134.35	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	08/03/79-05/22/80	2 ##	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	09/02/81-09/02/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	09/02/81-09/02/81	1	14000.	14000.	14000.	14000.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/25/79-09/02/81	9	211.	224.889	312.	186.	1640.111	40.498	186.	193.5	250.5	312.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/03/79-05/22/80	2	173.5	173.5	186.	161.	312.5	17.678	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	04/25/79-09/02/81	9	2.73	2.829	7.3	0.49	4.514	2.125	0.49	0.925	3.85	7.3
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/25/79-09/02/81	9	0.29	0.307	0.42	0.25	0.003	0.055	0.25	0.265	0.345	0.42
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	04/25/79-08/22/79	3	100.	100.	100.	100.	0.	0.	**	**	**	**
71825	ACIDITY, TOTAL (MG/L AS H)	04/25/79-09/02/81	5 ##	0.05	0.05	0.1	0.	0.001	0.035	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	08/03/79-05/22/80	2 ##	0.175	0.175	0.25	0.1	0.011	0.106	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/02/81-09/02/81	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	04/25/79-09/02/81	9	3.	5.444	30.	1.	87.528	9.356	1.	1.	4.5	30.
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	04/25/79-09/02/81	9	0.02	0.099	0.7	0.	0.051	0.226	0.	0.01	0.045	0.7
82031	COAL IN BOTTOM MATERIAL DRY WEIGHT GRAMS/KG	09/02/81-09/02/81	1	54.	54.	54.	54.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0008

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	9	0	0.00	4	0	0.00	2	0	0.00	3	0	0.00			
00400	PH	Fresh Chronic	9.	8	0	0.00	3	0	0.00	2	0	0.00	3	0	0.00			
		Other-Lo Lim.	6.5	8	0	0.00	3	0	0.00	2	0	0.00	3	0	0.00			
00403	PH, LAB	Fresh Chronic	9.	2	0	0.00	1	0	0.00				1	0	0.00			
		Other-Lo Lim.	6.5	2	0	0.00	1	0	0.00				1	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00	1	0	0.00				1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	250.	2	0	0.00	1	0	0.00				1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	9	0	0.00	4	0	0.00	2	0	0.00	3	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00	1	0	0.00				1	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	50.	2	0	0.00	1	0	0.00				1	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	5.	2	0	0.00	1	0	0.00				1	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	2	0	0.00	1	0	0.00				1	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	1300.	2	0	0.00	1	0	0.00				1	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	15.	2	0	0.00	1	0	0.00				1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	5000.	2	0	0.00	1	0	0.00				1	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	50.	2	0	0.00	1	0	0.00				1	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	2.	2	0	0.00	1	0	0.00				1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0009

NPS Station ID: CHCH0009
LAT/LON: 34.861671/ -85.274726
Agency: 131TVAC
Date Created: / /
Location: 1 MILE SE OF CHICKAMAUGA
FIPS State/County: 13295 GEORGIA/WALKER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 120824
RMI-Indexes: 1021500 007720 00920 6180 0340
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 013.20 023.60
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: WEST CHICKAMAUGA CREEK 23.6
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 0.40
On/Off RF1:
RF3 Index: 06020001000712.91
RF3 Mile Point: 12.91
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/13/67-08/29/80	8	1.	1.	1.	1.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/67-08/29/80	8	20.	20.175	28.	13.5	26.979	5.194	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/16/72-10/16/72	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/17/80-08/29/80	4	280.	275.	280.	260.	100.	10.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/13/67-08/29/80	8	6.55	6.775	8.1	6.	0.708	0.841	**	**	**	**
00303	BOD, 1DAY, 20 DEG C MG/L	10/16/72-10/16/72	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00304	BOD, 2 DAY, 20 DEG C MG/L	10/16/72-10/16/72	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00305	BOD, 3 DAY, 20 DEG C MG/L	10/16/72-10/16/72	3 ##	0.5	0.867	1.6	0.5	0.403	0.635	**	**	**	**
00306	BOD, 4 DAY, 20 DEG C MG/L	10/16/72-10/16/72	3 ##	0.5	0.867	1.6	0.5	0.403	0.635	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/72-08/29/80	6 ##	0.5	1.	2.3	0.5	0.636	0.797	**	**	**	**
00400	PH (STANDARD UNITS)	07/17/80-08/29/80	4	7.65	7.625	8.	7.2	0.149	0.386	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/17/80-08/29/80	4	7.582	7.503	8.	7.2	0.169	0.411	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/17/80-08/29/80	4	0.026	0.031	0.063	0.01	0.001	0.025	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/17/80-08/29/80	4	120.	150.	240.	120.	3600.	60.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	07/17/80-08/29/80	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	10/16/72-08/29/80	5	0.29	0.256	0.34	0.16	0.007	0.085	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/16/72-08/29/80	5	0.02	0.03	0.05	0.02	0.	0.014	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/16/72-10/16/72	3	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/16/72-10/16/72	3	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/30/80-08/29/80	2	0.21	0.21	0.22	0.2	0.	0.014	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/30/80-08/29/80	2	0.26	0.26	0.35	0.17	0.016	0.127	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/17/80-07/30/80	2	12550.	12550.	20000.	5100.	111005000.	10535.891	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/17/80-07/30/80	2	4.004	4.004	4.301	3.708	0.176	0.42	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			10099.505								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/17/80-07/30/80	2	455.	455.	520.	390.	8450.	91.924	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/17/80-07/30/80	2	2.654	2.654	2.716	2.591	0.008	0.088	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			450.333								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0009

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	8	0	0.00	8	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0009

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	4	0	0.00	4	0	0.00									
		Other-Lo Lim.	6.5	4	0	0.00	4	0	0.00									
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	3	0	0.00	3	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	3	0	0.00	3	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00	2	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	2	1.00	2	2	1.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	2	2	1.00	2	2	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0010

NPS Station ID: CHCH0010
LAT/LON: 34.864170/ -85.365003
Agency: 112WRD
Date Created: 06/16/79
Location: CHATTANOOGA CREEK AT HIGH POINT, GA.
FIPS State/County: 13295 GEORGIA/WALKER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 03568250
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 06020001003
RF1 Mile Point: 11.060
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 06020001000919.05
RF3 Mile Point: 19.04
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0010

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/24/79-09/01/81	9	16.5	17.367	24.5	8.	26.433	5.141	8.	14.2	22.	24.5
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/24/79-09/01/81	9	10.	10.222	28.	1.	77.944	8.829	1.	1.5	15.5	28.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/24/79-09/01/81	9	220.	229.444	300.	184.	1185.278	34.428	184.	212.5	250.	300.
00300	OXYGEN, DISSOLVED MG/L	04/24/79-09/01/81	9	9.4	9.344	10.9	8.2	0.83	0.911	8.2	8.55	10.1	10.9
00400	PH (STANDARD UNITS)	04/24/79-09/01/81	9	7.9	7.922	8.1	7.7	0.019	0.139	7.7	7.8	8.05	8.1
00400	CONVERTED PH (STANDARD UNITS)	04/24/79-09/01/81	9	7.9	7.902	8.1	7.7	0.02	0.141	7.7	7.8	8.05	8.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/24/79-09/01/81	9	0.013	0.013	0.02	0.008	0.	0.004	0.008	0.009	0.016	0.02
00403	PH, LAB, STANDARD UNITS SU	04/15/81-09/01/81	2	8.	8.	8.1	7.9	0.02	0.141	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	04/15/81-09/01/81	2	7.989	7.989	8.1	7.9	0.02	0.142	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/15/81-09/01/81	2	0.01	0.01	0.013	0.008	0.	0.003	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/01/79-08/20/80	6	2.9	6.817	27.	1.5	98.71	9.935	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/24/79-09/01/81	9	112.	119.778	157.	94.	410.194	20.253	94.	105.	136.5	157.
00435	ACIDITY, TOTAL (MG/L AS CACO3)	04/24/79-08/21/79	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	04/18/79-04/18/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/01/79-05/21/80	2	0.35	0.35	0.4	0.3	0.005	0.071	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/01/79-05/21/80	2	108.	108.	120.	96.	288.	16.971	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/01/79-05/21/80	2	1.	1.	2.	0.	2.	1.414	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/01/79-05/21/80	2	37.5	37.5	41.	34.	24.5	4.95	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/01/79-05/21/80	2	3.15	3.15	3.6	2.7	0.405	0.636	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/01/79-05/21/80	2	1.25	1.25	1.3	1.2	0.005	0.071	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/01/79-05/21/80	2	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	08/01/79-05/21/80	2	2.5	2.5	3.	2.	0.5	0.707	**	**	**	**
00933	SODIUM,PLUS POTASSIUM (MG/L)	08/01/79-08/01/79	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/01/79-05/21/80	2	0.75	0.75	0.9	0.6	0.045	0.212	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/01/79-05/21/80	2	1.5	1.5	2.	1.	0.5	0.707	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/24/79-09/01/81	9	5.	5.333	9.	4.	2.25	1.5	4.	4.5	5.5	9.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/01/79-05/21/80	2	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/01/79-05/21/80	2	6.15	6.15	6.4	5.9	0.125	0.354	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	08/01/79-05/21/80	2 ##	0.25	0.25	0.5	0.	0.125	0.354	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/18/79-05/21/80	2	0.	0.	0.	0.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	08/01/79-05/21/80	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/18/79-05/21/80	2 ##	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/18/79-05/21/80	2	15.	15.	20.	10.	50.	7.071	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/01/79-05/21/80	2 ##	2.	2.	3.	1.	2.	1.414	**	**	**	**
01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	04/18/79-05/21/80	2 ##	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/01/79-05/21/80	2	4.	4.	6.	2.	8.	2.828	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/18/79-05/21/80	2 ##	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
01044	IRON, SUSPENDED (UG/L AS FE)	04/24/79-09/01/81	7	200.	235.714	370.	120.	7995.238	89.416	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0010

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01045	IRON, TOTAL (UG/L AS FE)	04/24/79-09/01/81	9	240.	291.111	630.	140.	21761.111	147.516	140.	200.	365.	630.
01046	IRON, DISSOLVED (UG/L AS FE)	04/24/79-09/01/81	7	20.	14.286	30.	0.	128.571	11.339	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	08/01/79-05/21/80	2	4.	4.	8.	0.	32.	5.657	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/18/79-05/21/80	2 ##	12.5	12.5	20.	5.	112.5	10.607	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	04/18/79-05/21/80	2	645.	645.	730.	560.	14450.	120.208	**	**	**	**
01054	MANGANESE, SUSPENDED (UG/L AS MN)	04/24/79-09/01/81	7	0.	5.714	20.	0.	61.905	7.868	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	04/24/79-09/01/81	9	30.	28.889	50.	20.	111.111	10.541	20.	20.	35.	50.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/24/79-09/01/81	7	20.	21.429	30.	20.	14.286	3.78	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/01/79-05/21/80	2	20.	20.	30.	10.	200.	14.142	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	04/18/79-05/21/80	2	28.5	28.5	50.	7.	924.5	30.406	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	08/01/79-05/21/80	2	65.	65.	120.	10.	6050.	77.782	**	**	**	**
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	04/18/79-05/21/80	2	2265.	2265.	3800.	730.	4712450.	2170.818	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	08/01/79-05/21/80	2 ##	0.25	0.25	0.5	0.	0.125	0.354	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	05/21/80-05/21/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	04/18/79-05/21/80	2	11200.	11200.	19000.	3400.	121680000.	11030.866	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/24/79-09/01/81	9	136.	143.333	188.	115.	581.	24.104	115.	125.5	165.	188.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/01/79-05/21/80	2	122.	122.	136.	108.	392.	19.799	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	04/24/79-09/01/81	9	3.62	3.556	8.69	0.61	7.29	2.7	0.61	0.735	5.35	8.69
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/24/79-09/01/81	9	0.19	0.198	0.26	0.16	0.001	0.032	0.16	0.175	0.225	0.26
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	04/24/79-08/21/79	3	100.	66.667	100.	0.	3333.333	57.735	**	**	**	**
71825	ACIDITY, TOTAL (MG/L AS H)	04/24/79-08/21/79	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	08/01/79-05/21/80	2 ##	0.225	0.225	0.25	0.2	0.001	0.035	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	04/18/79-05/21/80	2	0.	0.	0.	0.	0.	0.	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	04/24/79-09/01/81	8	7.	10.5	31.	2.	95.143	9.754	**	**	**	**
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	04/24/79-09/01/81	8	0.14	0.319	1.2	0.02	0.17	0.412	**	**	**	**
82031	COAL IN BOTTOM MATERIAL DRY WEIGHT GRAMS/KG	09/01/81-09/01/81	1	2.	2.	2.	2.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0010

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	9	0	0.00	4	0	0.00	2	0	0.00	3	0	0.00			
00400	PH	Fresh Chronic	9.	9	0	0.00	4	0	0.00	2	0	0.00	3	0	0.00			
		Other-Lo Lim.	6.5	9	0	0.00	4	0	0.00	2	0	0.00	3	0	0.00			
00403	PH, LAB	Fresh Chronic	9.	2	0	0.00	1	0	0.00				1	0	0.00			
		Other-Lo Lim.	6.5	2	0	0.00	1	0	0.00				1	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00	1	0	0.00				1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	250.	2	0	0.00	1	0	0.00				1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	9	0	0.00	4	0	0.00	2	0	0.00	3	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00	1	0	0.00				1	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	50.	2	0	0.00	1	0	0.00				1	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	5.	2	0	0.00	1	0	0.00				1	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	2	0	0.00	1	0	0.00				1	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	1300.	2	0	0.00	1	0	0.00				1	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	15.	2	0	0.00	1	0	0.00				1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	5000.	2	0	0.00	1	0	0.00				1	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	50.	2	0	0.00	1	0	0.00				1	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	2.	2	0	0.00	1	0	0.00				1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0011

NPS Station ID: CHCH0011
LAT/LON: 34.865837/ -85.416115
Agency: 131TVAC
Date Created: 07/18/81
Location: RT. 170 BRIDGE - TRIB. TO ROCK CR. 9.52
FIPS State/County: 13295 GEORGIA/WALKER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 130022
RMI-Indexes: 1021500 007720 00920 6140 0420 0270
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 012.80 009.52 011.37
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: FUGATT BRANCH 11.37
ECO Region:
RF1 Index: 06020001003
RF1 Mile Point: 14.660
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 06020001125805.27
RF3 Mile Point: 6.84
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0011

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

***** Data for this station locked by controlling agency *****

Station Inventory for Station: CHCH0012

NPS Station ID: CHCH0012 LAT/LON: 34.870420/ -85.292670 Agency: 21GAGGS Date Created: 07/06/85
Location: 0.15 MI SW OF JCT COVE/CRITTENDEN IN CHICKAMAUGA
FIPS State/County: 13295 GEORGIA/WALKER
Station Type: /TYPA/MUN/INTAKE/AMBNT/SPRING/SUPPLY
STORET Station ID(s): GGSGWMN-VR003 /GWN-VR003
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: TENNESSEE RIVER Elevation: 0 Water Body Id:
Minor Basin: TENNESSEE RIVER
ECO Region:
RF1 Index: 06020001 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 06020001126600.00 RF3 Mile Point: 4.19 Distance from RF3: 0.11 On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/12/86-08/15/96	14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/12/86-08/15/96	14	233.	216.571	253.	68.	2130.11	46.153	131.	205.75	241.5	250.
00403	PH, LAB, STANDARD UNITS SU	02/12/86-07/22/92	12	7.5	7.458	7.7	7.1	0.035	0.188	7.13	7.325	7.6	7.7
00403	CONVERTED PH, LAB, STANDARD UNITS	02/12/86-07/22/92	12	7.5	7.419	7.7	7.1	0.037	0.193	7.13	7.325	7.6	7.7
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/12/86-07/22/92	12	0.032	0.038	0.079	0.02	0.	0.018	0.02	0.025	0.048	0.075
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/12/86-08/15/96	14	0.66	0.91	5.	0.05	1.461	1.209	0.05	0.5	0.783	3.02
00916	CALCIUM, TOTAL (MG/L AS CA)	02/12/86-08/15/96	14	29.	29.007	31.4	22.7	5.048	2.247	24.7	28.375	31.	31.2
00927	MAGNESIUM, TOTAL (MG/L AS MG)	02/12/86-08/15/96	14	12.1	12.386	14.	9.2	2.349	1.533	10.	11.	14.	14.
00929	SODIUM, TOTAL (MG/L AS NA)	02/12/86-08/15/96	14	1.2	2.364	18.	0.5	20.492	4.527	0.5	0.8	1.525	10.1
00937	POTASSIUM, TOTAL MG/L AS K)	02/12/86-08/13/98	15 ##	1.5	1.533	2.5	0.25	0.969	0.984	0.25	0.5	2.5	2.5
00940	CHLORIDE,TOTAL IN WATER MG/L	02/12/86-08/15/96	14	2.	2.107	5.	0.5	1.007	1.003	0.75	2.	2.	4.
00945	SULFATE, TOTAL (MG/L AS SO4)	02/12/86-08/15/96	14	2.5	2.643	5.	1.	1.016	1.008	1.5	2.	3.	4.5
00951	FLUORIDE, TOTAL (MG/L AS F)	08/14/90-08/13/98	7 ##	0.05	0.064	0.1	0.05	0.001	0.024	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	02/12/86-08/13/98	15 ##	12.5	13.833	25.	5.	53.452	7.311	5.	5.	20.	22.
01007	BARIUM, TOTAL (UG/L AS BA)	02/12/86-08/15/96	14	73.	71.786	87.	57.	73.258	8.559	58.5	66.5	78.	84.
01012	BERYLLIUM, TOTAL (UG/L AS BE)	02/12/86-08/13/98	15 ##	5.	4.2	5.	1.	2.743	1.656	1.	5.	5.	5.
01017	BISMUTH, TOTAL (UG/L AS BI)	02/12/86-08/13/98	15 ##	22.5	22.8	57.	10.	120.636	10.983	13.	15.	25.	40.8
01027	CADMIUM, TOTAL (UG/L AS CD)	02/12/86-08/13/98	15 ##	5.	3.67	6.	0.35	3.845	1.961	0.35	2.5	5.	5.4
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/12/86-08/13/98	15 ##	5.	6.	10.	5.	4.286	2.07	5.	5.	5.	10.
01037	COBALT, TOTAL (UG/L AS CO)	02/12/86-08/13/98	15 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01042	COPPER, TOTAL (UG/L AS CU)	02/12/86-08/13/98	15 ##	10.	8.333	10.	5.	5.952	2.44	5.	5.	10.	10.
01045	IRON, TOTAL (UG/L AS FE)	02/12/86-08/15/96	14 ##	10.	54.571	590.	5.	24060.264	155.114	5.	5.	10.	332.
01051	LEAD, TOTAL (UG/L AS PB)	02/12/86-08/13/98	15 ##	12.5	16.267	25.	12.5	29.96	5.474	12.5	12.5	24.	25.
01055	MANGANESE, TOTAL (UG/L AS MN)	02/12/86-08/13/98	15 ##	5.	5.667	15.	5.	6.667	2.582	5.	5.	5.	9.
01059	THALLIUM, TOTAL (UG/L AS TL)	02/12/86-08/13/98	15 ##	25.	24.767	50.	0.5	211.602	14.547	0.5	22.5	35.	44.
01062	MOLYBDENUM, TOTAL (UG/L AS MO)	02/12/86-08/13/98	15 ##	5.	5.167	7.5	5.	0.417	0.645	5.	5.	5.	6.
01067	NICKEL, TOTAL (UG/L AS NI)	02/12/86-08/13/98	15 ##	10.	10.333	15.	10.	1.667	1.291	10.	10.	10.	12.
01077	SILVER, TOTAL (UG/L AS AG)	02/12/86-08/13/98	15 ##	15.	11.667	20.	5.	27.381	5.233	5.	5.	15.	17.
01082	STRONTIUM, TOTAL (UG/L AS SR)	02/12/86-08/15/96	14	25.	22.	27.	5.	54.	7.348	5.	22.5	26.	26.5
01087	VANADIUM, TOTAL (UG/L AS V)	02/12/86-08/13/98	15 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01092	ZINC, TOTAL (UG/L AS ZN)	02/12/86-08/13/98	15 ##	10.	9.2	18.	5.	11.029	3.321	5.	5.	10.	13.2
01097	ANTIMONY, TOTAL (UG/L AS SB)	02/12/86-08/13/98	15 ##	20.	18.3	30.	1.5	87.207	9.338	1.5	17.5	25.	28.5
01102	TIN, TOTAL (UG/L AS SN)	02/12/86-08/13/98	15 ##	15.	20.5	45.	10.	100.179	10.009	13.	15.	25.	40.5
01105	ALUMINUM, TOTAL (UG/L AS AL)	02/12/86-08/15/96	14	55.	94.143	690.	10.	30932.286	175.876	10.	10.	80.	415.
01147	SELENIUM, TOTAL (UG/L AS SE)	02/12/86-08/13/98	15 ##	2.5	2.533	5.	1.5	0.588	0.767	1.5	2.5	2.5	3.5
01152	TITANIUM, TOTAL (UG/L AS TI)	02/12/86-08/13/98	15 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01162	ZIRCONIUM, TOTAL (UG/L AS ZR)	02/12/86-08/13/98	15 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01203	YTTRIUM, TOTAL (UG/L AS Y)	02/12/86-08/13/98	15 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	02/12/86-08/13/98	12 ##	0.5	1.	2.5	0.5	0.818	0.905	0.5	0.5	2.	2.5
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	02/12/86-08/13/98	12 ##	0.5	1.	2.5	0.5	0.818	0.905	0.5	0.5	2.	2.5
32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	02/12/86-08/13/98	12 ##	0.5	1.	2.5	0.5	0.818	0.905	0.5	0.5	2.	2.5
32104	BROMOFORM,WHOLE WATER,UG/L	02/12/86-08/13/98	12 ##	0.5	1.	2.5	0.5	0.818	0.905	0.5	0.5	2.	2.5
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	07/28/95-08/13/98	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
32106	CHLOROFORM,WHOLE WATER,UG/L	02/12/86-08/13/98	12 ##	0.5	1.	2.5	0.5	0.818	0.905	0.5	0.5	2.	2.5
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	02/12/86-08/13/98	12 ##	0.5	1.	2.5	0.5	0.818	0.905	0.5	0.5	2.	2.5
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	02/12/86-08/13/98	12 ##	0.5	1.	2.5	0.5	0.818	0.905	0.5	0.5	2.	2.5
34210	ACROLEIN TOTWUG/L	01/30/90-07/23/91	3 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34215	ACRYLONITRILE TOTWUG/L	01/30/90-07/23/91	3 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34301	CHLOROBENZENE TOTWUG/L	02/12/86-08/13/98	12 ##	0.5	1.	2.5	0.5	0.818	0.905	0.5	0.5	2.	2.5
34306	CHLORODIBROMOMETHANE TOTWUG/L	02/12/86-07/23/91	9 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34311	CHLOROETHANE TOTWUG/L	01/30/90-08/13/98	6 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	02/12/86-08/13/98	12 ##	0.5	1.	2.5	0.5	0.818	0.905	0.5	0.5	2.	2.5
34413	METHYL BROMIDE TOTWUG/L	01/30/90-08/13/98	6 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34418	METHYL CHLORIDE TOTWUG/L	01/30/90-08/13/98	6 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34423	METHYLENE CHLORIDE TOTWUG/L	02/12/86-08/13/98	12 ##	2.5	1.667	2.5	0.5	1.061	1.03	0.5	0.5	2.5	2.5
34475	TETRACHLOROETHYLENE TOTWUG/L	02/12/86-08/13/98	12 ##	0.5	1.	2.5	0.5	0.818	0.905	0.5	0.5	2.	2.5
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	02/12/86-08/13/98	12 ##	0.5	1.	2.5	0.5	0.818	0.905	0.5	0.5	2.	2.5
34496	1,1-DICHLOROETHANE TOTWUG/L	02/12/86-08/13/98	12 ##	0.5	1.	2.5	0.5	0.818	0.905	0.5	0.5	2.	2.5
34501	1,1-DICHLOROETHYLENE TOTWUG/L	02/12/86-08/13/98	12 ##	0.5	1.	2.5	0.5	0.818	0.905	0.5	0.5	2.	2.5
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	02/12/86-08/13/98	12 ##	0.5	1.	2.5	0.5	0.818	0.905	0.5	0.5	2.	2.5
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	02/12/86-08/13/98	12 ##	0.5	1.	2.5	0.5	0.818	0.905	0.5	0.5	2.	2.5
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	02/12/86-08/13/98	12 ##	0.5	1.	2.5	0.5	0.818	0.905	0.5	0.5	2.	2.5
34536	1,2-DICHLOROBENZENE TOTWUG/L	07/28/95-08/13/98	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34541	1,2-DICHLOROPROPANE TOTWUG/L	02/12/86-08/13/98	12 ##	0.5	1.	2.5	0.5	0.818	0.905	0.5	0.5	2.	2.5
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	02/12/86-08/13/98	12 ##	0.5	1.	2.5	0.5	0.818	0.905	0.5	0.5	2.	2.5
34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	07/28/95-08/13/98	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34566	1,3-DICHLOROBENZENE TOTWUG/L	07/28/95-08/13/98	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34571	1,4-DICHLOROBENZENE TOTWUG/L	07/28/95-08/13/98	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	01/30/90-08/13/98	6 ##	1.5	1.5	2.5	0.5	1.2	1.095	**	**	**	**
34596	DI-N-OCTYL PHTHALATE TOTWUG/L	07/28/95-07/28/95	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34668	DICHLORODIFUOROMETHANE TOTWUG/L	07/28/95-08/13/98	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34696	NAPHTHALENE TOTWUG/L	08/15/96-08/13/98	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	02/12/86-08/13/98	12 ##	0.5	1.	2.5	0.5	0.818	0.905	0.5	0.5	2.	2.5
34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	02/12/86-08/13/98	12 ##	0.5	1.	2.5	0.5	0.818	0.905	0.5	0.5	2.	2.5
38437	DIBROMOCHLOROPROPANE WATER, TOTUG/L	01/20/88-08/15/96	2 ##	1.5	1.5	2.5	0.5	2.	1.414	**	**	**	**
38702	AOP (AMBAM OXIDATION PRODUCT) WATER, SUSUG/L	07/28/95-08/13/98	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39014	DYLOX,FLAME PHOTOMETRIC, WATER SAMPLE (UG/L)	02/12/86-08/14/90	8 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	02/12/86-08/13/98	12 ##	3.	2.792	5.	0.5	5.339	2.311	0.5	0.5	5.	5.
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	02/12/86-08/13/98	12 ##	0.5	1.	2.5	0.5	0.818	0.905	0.5	0.5	2.	2.5
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	02/12/86-08/14/90	9 ##	0.015	0.015	0.015	0.015	0.	0.	0.015	0.015	0.015	0.015
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	02/12/86-08/14/90	9 ##	0.6	0.6	0.6	0.6	0.	0.	0.6	0.6	0.6	0.6
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	02/12/86-08/14/90	9 ##	0.15	0.15	0.15	0.15	0.	0.	0.15	0.15	0.15	0.15
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	02/12/86-08/14/90	9 ##	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	02/12/86-08/14/90	8 ##	2.6	2.6	2.6	2.6	0.	0.	**	**	**	**
39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	02/12/86-08/14/90	8 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39780	DICOFOL IN WHOLE WATER SAMPLE (UG/L)	02/12/86-08/14/90	9 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	02/12/86-08/14/90	9 ##	0.004	0.004	0.004	0.004	0.	0.	0.004	0.004	0.004	0.004
45013	ISOPROPYL ACETATE WH WAT UG/L	02/12/86-07/23/91	9 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
45022	PROPYL ACETATE WH WAT UG/L	01/30/90-07/23/91	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49146	DIBROMO-3-CHLOROPROPANE, 1,2-, TOTAL, WATER UG/L	07/28/95-07/28/95	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
71870	BROMIDE (MG/L AS BR)	08/13/98-08/13/98	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
71910	GOLD, TOTAL (UG/L AS AU)	02/12/86-08/13/98	15 ##	5.	8.	12.5	5.	12.679	3.561	5.	5.	12.5	12.5
77041	CARBON DISULFIDE WHOLE WATER,UG/L	02/12/86-08/13/98	12 ##	0.5	1.	2.5	0.5	0.818	0.905	0.5	0.5	2.	2.5
77057	VINYL ACETATE WHOLE WATER,UG/L	07/28/95-08/13/98	3 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	07/28/95-08/13/98	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77103	2-HEXANONE WHOLE WATER,UG/L	02/12/86-08/13/98	12 ##	0.5	6.625	25.	0.5	122.778	11.081	0.5	0.5	18.875	25.
77128	STYRENE WHOLE WATER,UG/L	02/12/86-08/13/98	12 ##	0.5	1.	2.5	0.5	0.818	0.905	0.5	0.5	2.	2.5
77135	O-XYLENE WHOLE WATER,UG/L	01/30/90-08/13/98	6 ##	1.5	1.5	2.5	0.5	1.2	1.095	**	**	**	**
77168	1,1-DICHLOROPROPENE WHOLE WATER,UG/L	07/28/95-08/13/98	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77170	2,2-DICHLOROPROPANE WHOLE WATER,UG/L	07/28/95-08/13/98	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77173	1,3-DICHLOROPROPANE WHOLE WATER,UG/L	07/28/95-08/13/98	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
77189	N-BUTYL ACETATE WHOLE WATER,UG/L	01/30/90-07/23/91	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
77222	1,2,4-TRIMETHYLBENZENE WHOLE WATER,UG/L	07/28/95-08/13/98	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77223	ISOPROPYLBENZENE WHOLE WATER,UG/L	07/28/95-08/13/98	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77224	N-PROPYLBENZENE WHOLE WATER,UG/L	07/28/95-08/13/98	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77226	1,3,5-TRIMETHYLBENZENE WHOLE WATER,UG/L	07/28/95-08/13/98	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77275	1-METHYL-2-CHLOROBENZENE (O-CHLOR*WHOLE WATER,UG/L	07/28/95-08/13/98	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77277	1-METHYL-4-CHLOROBENZENE (P-CHLOR*WHOLE WATER,UG/L	07/28/95-08/13/98	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77297	CHLOROBROMOMETHANE WHOLE WATER,UG/L	07/28/95-08/13/98	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77342	N-BUTYLBENZENE WHOLE WATER,UG/L	07/28/95-08/13/98	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77350	SEC-BUTYLBENZENE WHOLE WATER,UG/L	07/28/95-08/13/98	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77353	TERT-BUTYLBENZENE WHOLE WATER,UG/L	07/28/95-08/13/98	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77356	1-METHYL-4-ISOPROPYLBENZENE WHOLE WATER,UG/L	07/28/95-08/13/98	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77424	IODOMETHANE WHOLE WATER,UG/L	07/28/95-08/13/98	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77443	1,2,3-TRICHLOROPROPANE WHOLE WATER,UG/L	07/28/95-08/13/98	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77562	1,1,1,2-TETRACHLOROETHANE WHOLE WATER,UG/L	07/28/95-08/13/98	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77596	METHYLENE BROMIDE WHOLE WATER,UG/L	07/28/95-08/13/98	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77613	1,2,3-TRICHLOROBENZENE WHOLE WATER,UG/L	07/28/95-08/13/98	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	07/12/89-08/13/98	4 ##	2.5	2.	2.5	0.5	1.	1.	**	**	**	**
78132	P-XYLENE IN WHOLE WATER UG/L	01/30/90-07/23/91	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
79191	PERMETHRIN IN WHOLE WATER UG/L	02/12/86-08/14/90	9 ##	0.15	0.15	0.15	0.15	0.	0.	0.15	0.15	0.15	0.15
79193	ACIFLUORFEN, WATER, WHOLE UG/L	02/12/86-08/14/90	8 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
81551	XYLENE WHL WATER SMPL UG/L	02/12/86-07/12/89	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
81552	ACETONE WHL WATER SMPL UG/L	02/12/86-08/13/98	12 ##	25.	24.583	50.	5.	315.72	17.769	5.	5.	43.75	50.
81555	BROMOBENZENE WHL WATER SMPL UG/L	07/28/95-08/13/98	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
81585	ETHYL ACETATE WHL WATER SMPL UG/L	01/30/90-07/23/91	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	02/12/86-08/13/98	12 ##	12.5	19.375	50.	5.	352.415	18.773	5.	5.	40.625	50.
81596	METHYL-ISOBUTYL KETONE WHL WATER SMPL UG/L	02/12/86-08/13/98	12 ##	0.5	6.625	25.	0.5	122.778	11.081	0.5	0.5	18.875	25.
81710	M-XYLENE IN THE WHOLE WATER SAMPLE MG/L	01/30/90-07/23/91	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82051	AMIBEN (CHLORAMBEN) WHOLE WATER,UG/L	02/12/86-08/14/90	8 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0012

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	12	0	0.00	7	0	0.00	5	0	0.00						
		Other-Lo Lim.	6.5	12	0	0.00	7	0	0.00	5	0	0.00						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	14	0	0.00	9	0	0.00	5	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	14	0	0.00	9	0	0.00	5	0	0.00						
		Drinking Water	250.	14	0	0.00	9	0	0.00	5	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	14	0	0.00	9	0	0.00	5	0	0.00						
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	7	0	0.00	6	0	0.00	1	0	0.00						
01002	ARSENIC, TOTAL	Fresh Acute	360.	15	0	0.00	10	0	0.00	5	0	0.00						
		Drinking Water	50.	15	0	0.00	10	0	0.00	5	0	0.00						
01007	BARIUM, TOTAL	Drinking Water	2000.	14	0	0.00	9	0	0.00	5	0	0.00						
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	15	0	0.00	10	0	0.00	5	0	0.00						
		Drinking Water	4.	3 &	0	0.00	3	0	0.00									
01027	CADMIUM, TOTAL	Fresh Acute	3.9	7 &	1	0.14	5	1	0.20	2	0	0.00						
		Drinking Water	5.	8 &	1	0.13	6	1	0.17	2	0	0.00						
01034	CHROMIUM, TOTAL	Drinking Water	100.	15	0	0.00	10	0	0.00	5	0	0.00						
01042	COPPER, TOTAL	Fresh Acute	18.	15	0	0.00	10	0	0.00	5	0	0.00						
		Drinking Water	1300.	15	0	0.00	10	0	0.00	5	0	0.00						
01051	LEAD, TOTAL	Fresh Acute	82.	15	0	0.00	10	0	0.00	5	0	0.00						
		Drinking Water	15.	9 &	0	0.00	5	0	0.00	4	0	0.00						
01059	THALLIUM, TOTAL	Fresh Acute	1400.	15	0	0.00	10	0	0.00	5	0	0.00						
		Drinking Water	2.	3 &	0	0.00	3	0	0.00									
01067	NICKEL, TOTAL	Fresh Acute	1400.	15	0	0.00	10	0	0.00	5	0	0.00						
		Drinking Water	100.	15	0	0.00	10	0	0.00	5	0	0.00						
01077	SILVER, TOTAL	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	100.	15	0	0.00	10	0	0.00	5	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0012

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01092	ZINC, TOTAL	Fresh Acute	120.	15	0	0.00	10	0	0.00	5	0	0.00						
		Drinking Water	5000.	15	0	0.00	10	0	0.00	5	0	0.00						
01097	ANTIMONY, TOTAL	Fresh Acute	88.	15	0	0.00	10	0	0.00	5	0	0.00						
		Drinking Water	6.	3 &	0	0.00	3	0	0.00									
01147	SELENIUM, TOTAL	Fresh Acute	20.	15	0	0.00	10	0	0.00	5	0	0.00						
		Drinking Water	50.	15	0	0.00	10	0	0.00	5	0	0.00						
32101	BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	12	0	0.00	8	0	0.00	4	0	0.00						
32102	CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	12	0	0.00	8	0	0.00	4	0	0.00						
		Drinking Water	5.	12	0	0.00	8	0	0.00	4	0	0.00						
32103	1,2-DICHLOROETHANE,WHOLE WATER	Fresh Acute	118000.	12	0	0.00	8	0	0.00	4	0	0.00						
		Drinking Water	5.	12	0	0.00	8	0	0.00	4	0	0.00						
32104	BROMOFORM, WHOLE WATER	Drinking Water	100.	12	0	0.00	8	0	0.00	4	0	0.00						
32105	DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	3	0	0.00	3	0	0.00									
32106	CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	12	0	0.00	8	0	0.00	4	0	0.00						
		Drinking Water	100.	12	0	0.00	8	0	0.00	4	0	0.00						
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	12	0	0.00	8	0	0.00	4	0	0.00						
		Drinking Water	1000.	12	0	0.00	8	0	0.00	4	0	0.00						
34210	ACROLEIN, TOTAL	Fresh Acute	68.	3	0	0.00	2	0	0.00	1	0	0.00						
34215	ACRYLONITRILE, TOTAL	Fresh Acute	7550.	3	0	0.00	2	0	0.00	1	0	0.00						
34301	CHLOROBENZENE, TOTAL	Drinking Water	100.	12	0	0.00	8	0	0.00	4	0	0.00						
34306	CHLORODIBROMOMETHANE, TOTAL	Drinking Water	100.	9	0	0.00	5	0	0.00	4	0	0.00						
34371	ETHYLBENZENE, TOTAL	Fresh Acute	32000.	12	0	0.00	8	0	0.00	4	0	0.00						
		Drinking Water	700.	12	0	0.00	8	0	0.00	4	0	0.00						
34423	METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	12	0	0.00	8	0	0.00	4	0	0.00						
34475	TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	12	0	0.00	8	0	0.00	4	0	0.00						
		Drinking Water	5.	12	0	0.00	8	0	0.00	4	0	0.00						
34501	1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	12	0	0.00	8	0	0.00	4	0	0.00						
34506	1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	12	0	0.00	8	0	0.00	4	0	0.00						
34511	1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	12	0	0.00	8	0	0.00	4	0	0.00						
34536	1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	3	0	0.00	3	0	0.00									
34541	1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	12	0	0.00	8	0	0.00	4	0	0.00						
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	12	0	0.00	8	0	0.00	4	0	0.00						
34551	1,2,4-TRICHLOROBENZENE, TOTAL	Drinking Water	70.	3	0	0.00	3	0	0.00									
34566	1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	3	0	0.00	3	0	0.00									
34571	1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	3	0	0.00	3	0	0.00									
34696	NAPHTHALENE, TOTAL	Fresh Acute	2300.	2	0	0.00	2	0	0.00									
38437	DIBROMOCHLOROPROPANE, WATER, TOTAL	Drinking Water	0.2	0 &	0	0.00												
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	6 &	0	0.00	3	0	0.00	3	0	0.00						
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	12	0	0.00	8	0	0.00	4	0	0.00						
		Drinking Water	5.	12	0	0.00	8	0	0.00	4	0	0.00						
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	9	0	0.00	5	0	0.00	4	0	0.00						
		Drinking Water	2.	9	0	0.00	5	0	0.00	4	0	0.00						
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	9	0	0.00	5	0	0.00	4	0	0.00						
		Drinking Water	3.	9	0	0.00	5	0	0.00	4	0	0.00						
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	9	0	0.00	5	0	0.00	4	0	0.00						
39730	2,4-D IN WHOLE WATER SAMPLE	Drinking Water	70.	8	0	0.00	5	0	0.00	3	0	0.00						
39760	SILVEX IN WHOLE WATER SAMPLE	Drinking Water	50.	8	0	0.00	5	0	0.00	3	0	0.00						
39782	LINDANE IN WHOLE WATER SAMPLE	Fresh Acute	2.	9	0	0.00	5	0	0.00	4	0	0.00						
		Drinking Water	0.2	9	0	0.00	5	0	0.00	4	0	0.00						
77093	CIS-1,2-DICHLOROETHYLENE, WHOLE WATER	Drinking Water	70.	3	0	0.00	3	0	0.00									
77128	STYRENE, WHOLE WATER	Drinking Water	100.	12	0	0.00	8	0	0.00	4	0	0.00						
77651	1,2-DIBROMOETHANE, WHOLE WATER	Drinking Water	0.05	0 &	0	0.00												

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 6/01 to 10/31 - Station CHCH0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/12/86-08/15/96	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/12/86-08/15/96	9	234.	216.333	253.	68.	3314.	57.567	68.	213.5	245.	253.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/12/86-08/15/96	9	0.67	1.056	5.	0.05	2.232	1.494	0.05	0.5	0.715	5.
00916	CALCIUM, TOTAL (MG/L AS CA)	02/12/86-08/15/96	9	29.	29.478	31.	28.	1.104	1.051	28.	28.75	30.5	31.
00927	MAGNESIUM, TOTAL (MG/L AS MG)	02/12/86-08/15/96	9	13.3	12.944	14.	11.	1.338	1.157	11.	12.	14.	14.
00929	SODIUM, TOTAL (MG/L AS NA)	02/12/86-08/15/96	9	1.1	2.889	18.	0.5	32.331	5.686	0.5	0.5	1.6	18.
00937	POTASSIUM, TOTAL MG/L AS K)	02/12/86-08/13/98	10	## 2.5	1.68	2.5	0.25	1.143	1.069	0.25	0.438	2.5	2.5
00940	CHLORIDE,TOTAL IN WATER MG/L	02/12/86-08/15/96	9	2.	1.722	2.	0.5	0.319	0.565	0.5	1.5	2.	2.
00945	SULFATE, TOTAL (MG/L AS SO4)	02/12/86-08/15/96	9	2.	2.222	3.	1.	0.444	0.667	1.	2.	3.	3.
01002	ARSENIC, TOTAL (UG/L AS AS)	02/12/86-08/13/98	10	## 12.5	13.75	25.	5.	53.125	7.289	5.	5.	20.	24.5
01007	BARIUM, TOTAL (UG/L AS BA)	02/12/86-08/15/96	9	76.	75.556	87.	62.	54.778	7.401	62.	71.	81.	87.
01012	BERYLLIUM, TOTAL (UG/L AS BE)	02/12/86-08/13/98	10	## 5.	3.8	5.	1.	3.733	1.932	1.	1.	5.	5.
01017	BISMUTH, TOTAL (UG/L AS BI)	02/12/86-08/13/98	10	## 18.75	23.45	57.	15.	167.358	12.937	15.	15.	26.25	54.3
01027	CADMIUM, TOTAL (UG/L AS CD)	02/12/86-08/13/98	10	## 4.75	3.405	6.	0.35	5.214	2.283	0.35	0.35	5.	5.9
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/12/86-08/13/98	10	## 5.	6.5	10.	5.	5.833	2.415	5.	5.	10.	10.
01037	COBALT, TOTAL (UG/L AS CO)	02/12/86-08/13/98	10	## 5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01042	COPPER, TOTAL (UG/L AS CU)	02/12/86-08/13/98	10	## 10.	9.	10.	5.	4.444	2.108	5.	8.75	10.	10.
01045	IRON, TOTAL (UG/L AS FE)	02/12/86-08/15/96	9	## 10.	16.	74.	5.	477.75	21.857	5.	7.5	10.	74.
01051	LEAD, TOTAL (UG/L AS PB)	02/12/86-08/13/98	10	## 13.75	17.	25.	12.5	33.056	5.749	12.5	12.5	25.	25.
01055	MANGANESE, TOTAL (UG/L AS MN)	02/12/86-08/13/98	10	## 5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01059	THALLIUM, TOTAL (UG/L AS TL)	02/12/86-08/13/98	10	## 27.5	24.4	50.	0.5	325.378	18.038	0.5	0.5	38.125	49.
01062	MOLYBDENUM, TOTAL (UG/L AS MO)	02/12/86-08/13/98	10	## 5.	5.25	7.5	5.	0.625	0.791	5.	5.	5.	7.25
01067	NICKEL, TOTAL (UG/L AS NI)	02/12/86-08/13/98	10	## 10.	10.5	15.	10.	2.5	1.581	10.	10.	10.	14.5
01077	SILVER, TOTAL (UG/L AS AG)	02/12/86-08/13/98	10	## 15.	12.5	15.	5.	18.056	4.249	5.	8.75	15.	15.
01082	STRONTIUM, TOTAL (UG/L AS SR)	02/12/86-08/15/96	9	24.	20.222	27.	5.	77.694	8.814	5.	13.	26.	27.
01087	VANADIUM, TOTAL (UG/L AS V)	02/12/86-08/13/98	10	## 5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01092	ZINC, TOTAL (UG/L AS ZN)	02/12/86-08/13/98	10	## 10.	10.3	18.	5.	9.789	3.129	5.5	10.	10.	17.2
01097	ANTIMONY, TOTAL (UG/L AS SB)	02/12/86-08/13/98	10	## 20.	16.2	30.	1.5	115.4	10.742	1.5	1.5	25.	29.5
01102	TIN, TOTAL (UG/L AS SN)	02/12/86-08/13/98	10	## 15.	22.25	45.	10.	136.736	11.693	10.5	15.	31.875	44.25
01105	ALUMINUM, TOTAL (UG/L AS AL)	02/12/86-08/15/96	9	## 25.	48.333	140.	10.	2193.25	46.832	10.	10.	83.	140.
01147	SELENIUM, TOTAL (UG/L AS SE)	02/12/86-08/13/98	10	## 2.5	2.65	5.	1.5	0.781	0.883	1.6	2.5	2.5	4.75
01152	TITANIUM, TOTAL (UG/L AS TI)	02/12/86-08/13/98	10	## 5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01162	ZIRCONIUM, TOTAL (UG/L AS ZR)	02/12/86-08/13/98	10	## 5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01203	YTTRIUM, TOTAL (UG/L AS Y)	02/12/86-08/13/98	10	## 5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
71910	GOLD, TOTAL (UG/L AS AU)	02/12/86-08/13/98	10	## 5.	6.5	12.5	5.	10.	3.162	5.	5.	6.875	12.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 2/29 - Station CHCH0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/12/86-08/15/96	5	0.	0.	0.	0.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/12/86-08/15/96	5	217.	217.	235.	194.	294.5	17.161	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/12/86-08/15/96	5	0.61	0.648	1.04	0.05	0.15	0.387	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	02/12/86-08/15/96	5	29.	28.16	31.4	22.7	12.803	3.578	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	02/12/86-08/15/96	5	11.	11.38	13.9	9.2	2.992	1.73	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	02/12/86-08/15/96	5	1.2	1.42	2.2	1.1	0.202	0.449	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	02/12/86-08/13/98	5	1.1	1.24	2.5	0.5	0.658	0.811	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	02/12/86-08/15/96	5	2.	2.8	5.	2.	1.7	1.304	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	02/12/86-08/15/96	5	3.	3.4	5.	2.	1.3	1.14	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	02/12/86-08/13/98	5	## 20.	14.	20.	5.	67.5	8.216	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	02/12/86-08/15/96	5	68.	65.	72.	57.	39.	6.245	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	02/12/86-08/13/98	5	## 5.	5.	5.	5.	0.	0.	**	**	**	**
01017	BISMUTH, TOTAL (UG/L AS BI)	02/12/86-08/13/98	5	## 25.	21.5	25.	10.	42.5	6.519	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	02/12/86-08/13/98	5	## 5.	4.2	5.	3.	1.2	1.095	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/12/86-08/13/98	5	## 5.	5.	5.	5.	0.	0.	**	**	**	**
01037	COBALT, TOTAL (UG/L AS CO)	02/12/86-08/13/98	5	## 5.	5.	5.	5.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 2/29 - Station CHCH0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01042	COPPER, TOTAL (UG/L AS CU)	02/12/86-08/13/98	5 ##	5.	7.	10.	5.	7.5	2.739	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	02/12/86-08/15/96	5 ##	10.	124.	590.	5.	67867.5	260.514	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	02/12/86-08/13/98	5 ##	12.5	14.8	24.	12.5	26.45	5.143	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	02/12/86-08/13/98	5 ##	5.	7.	15.	5.	20.	4.472	**	**	**	**
01059	THALLIUM, TOTAL (UG/L AS TL)	02/12/86-08/13/98	5 ##	25.	25.5	30.	22.5	7.5	2.739	**	**	**	**
01062	MOLYBDENUM, TOTAL (UG/L AS MO)	02/12/86-08/13/98	5 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	02/12/86-08/13/98	5 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	02/12/86-08/13/98	5 ##	5.	10.	20.	5.	50.	7.071	**	**	**	**
01082	STRONTIUM, TOTAL (UG/L AS SR)	02/12/86-08/15/96	5	25.	25.2	26.	25.	0.2	0.447	**	**	**	**
01087	VANADIUM, TOTAL (UG/L AS V)	02/12/86-08/13/98	5 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	02/12/86-08/13/98	5 ##	5.	7.	10.	5.	7.5	2.739	**	**	**	**
01097	ANTIMONY, TOTAL (UG/L AS SB)	02/12/86-08/13/98	5 ##	20.	22.5	27.5	20.	12.5	3.536	**	**	**	**
01102	TIN, TOTAL (UG/L AS SN)	02/12/86-08/13/98	5 ##	15.	17.	25.	15.	20.	4.472	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	02/12/86-08/15/96	5	60.	176.6	690.	10.	82922.8	287.963	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	02/12/86-08/13/98	5 ##	2.5	2.3	2.5	1.5	0.2	0.447	**	**	**	**
01152	TITANIUM, TOTAL (UG/L AS TI)	02/12/86-08/13/98	5 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01162	ZIRCONIUM, TOTAL (UG/L AS ZR)	02/12/86-08/13/98	5 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01203	YTTRIUM, TOTAL (UG/L AS Y)	02/12/86-08/13/98	5 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
71910	GOLD, TOTAL (UG/L AS AU)	02/12/86-08/13/98	5 ##	12.5	11.	12.5	7.5	5.	2.236	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: CHCH0013

NPS Station ID: CHCH0013
LAT/LON: 34.871948/ -85.275003
Agency: 131TVAC
Date Created: / /
Location: TRIB. TO W. CHICK. CR. 22.85
FIPS State/County: 13295 GEORGIA/WALKER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 120882
RMI-Indexes: 1021500 007720 00920 6180 0340 0760
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 013.20 022.85 000.01
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: COKE OVEN BRANCH 0.01
ECO Region:
RF1 Index: 06020001008
RF1 Mile Point: 15.570
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 06020001000712.80
RF3 Mile Point: 12.80
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0013

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/16/72-10/17/72	4	1.	1.	1.	1.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/17/72-10/17/72	1	32.	32.	32.	32.	0.	0.	**	**	**	**
00303	BOD, 1DAY, 20 DEG C MG/L	10/16/72-10/17/72	4	3.6	3.525	4.2	2.7	0.489	0.699	**	**	**	**
00304	BOD, 2 DAY, 20 DEG C MG/L	10/16/72-10/17/72	4	7.4	7.25	8.4	5.8	1.583	1.258	**	**	**	**
00305	BOD, 3 DAY, 20 DEG C MG/L	10/16/72-10/17/72	4	9.35	9.675	11.	9.	0.809	0.9	**	**	**	**
00306	BOD, 4 DAY, 20 DEG C MG/L	10/16/72-10/17/72	4	11.5	12.	15.	10.	6.	2.449	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/72-10/17/72	4	13.	13.	15.	11.	3.333	1.826	**	**	**	**
00312	BOD, 6 DAY, 20 DEG C MG/L	10/16/72-10/17/72	4	12.5	13.	15.	12.	2.	1.414	**	**	**	**
00315	BOD, 7 DAY, 20 DEG C MG/L	10/16/72-10/17/72	4	13.	13.5	16.	12.	3.667	1.915	**	**	**	**
00316	BOD, 8 DAY, 20 DEG C MG/L	10/16/72-10/17/72	4	14.5	15.25	18.	14.	3.583	1.893	**	**	**	**
00317	BOD, 9 DAY, 20 DEG C MG/L	10/16/72-10/17/72	4	15.5	15.5	18.	13.	5.667	2.38	**	**	**	**
00322	BOD, 10 DAY, 20 DEG C MG/L	10/16/72-10/17/72	4	17.	17.	20.	14.	6.667	2.582	**	**	**	**
00323	BOD, 15 DAY, 20 DEG C MG/L	10/16/72-10/17/72	4	24.5	24.25	28.	20.	18.917	4.349	**	**	**	**
00350	BOD, 14 DAY, 20 DEG C MG/L	10/16/72-10/17/72	4	20.5	20.25	24.	16.	12.25	3.5	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	10/16/72-10/17/72	4	2.2	2.	2.4	1.2	0.32	0.566	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/16/72-10/17/72	4	0.14	0.135	0.17	0.09	0.001	0.037	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/16/72-10/17/72	4	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/16/72-10/17/72	4	0.39	0.41	0.48	0.38	0.002	0.047	**	**	**	**
70001	COMPOSITE LOCATION IN A CROSS SECTION	10/16/72-10/17/72	4	6.	6.	6.	6.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0013

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	4	0	0.00	4	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	4	0	0.00	4	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0014

NPS Station ID: CHCH0014
LAT/LON: 34.873337/ -85.269170
Agency: 131TVAC
Date Created: / /
Location: U.S HWY 27 BRIDGE EAST OF CHICKAMAUGA
FIPS State/County: 13295 GEORGIA/WALKER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 120823
RMI-Indexes: 1021500 007720 00920 6180 0340
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 013.20 021.98
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: WEST CHICKAMAUGA CREEK 21.98
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 1.30
On/Off RF1:
RF3 Index: 06020001000712.80
RF3 Mile Point: 12.80
Distance from RF3: 0.04
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/13/67-08/29/80	20	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/67-08/29/80	20	16.6	16.86	28.	8.	28.152	5.306	9.01	11.925	21.275	22.18
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/28/69-10/16/72	13	44.	170.	850.	33.	65273.833	255.487	35.4	40.	155.5	750.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/28/69-12/01/69	12	7.5	21.833	100.	4.	1054.515	32.473	4.	5.	18.75	94.
00080	COLOR (PLATINUM-COBALT UNITS)	10/13/67-12/01/69	13	15.	22.308	100.	2.5	697.356	26.407	2.5	7.5	30.	78.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/28/69-08/29/80	16	295.	285.625	440.	120.	6266.25	79.16	134.	252.5	335.	384.
00300	OXYGEN, DISSOLVED MG/L	10/13/67-08/29/80	20	5.3	5.237	10.3	0.05	6.359	2.522	1.65	3.825	6.45	9.01
00303	BOD, 1DAY, 20 DEG C MG/L	10/16/72-10/16/72	3	1.	1.1	1.8	0.5	0.43	0.656	**	**	**	**
00304	BOD, 2 DAY, 20 DEG C MG/L	10/13/67-10/16/72	4	3.45	4.425	9.2	1.6	11.176	3.343	**	**	**	**
00305	BOD, 3 DAY, 20 DEG C MG/L	10/16/72-10/16/72	3	3.4	3.5	5.2	1.9	2.73	1.652	**	**	**	**
00306	BOD, 4 DAY, 20 DEG C MG/L	10/16/72-10/16/72	3	3.9	4.	5.8	2.3	3.07	1.752	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	10/13/67-08/29/80	19	4.3	5.237	14.	1.2	14.772	3.843	1.2	2.5	7.4	14.
00312	BOD, 6 DAY, 20 DEG C MG/L	10/16/72-10/16/72	1	3.6	3.6	3.6	3.6	0.	0.	**	**	**	**
00315	BOD, 7 DAY, 20 DEG C MG/L	10/16/72-10/16/72	1	3.7	3.7	3.7	3.7	0.	0.	**	**	**	**
00316	BOD, 8 DAY, 20 DEG C MG/L	10/16/72-10/16/72	1	4.3	4.3	4.3	4.3	0.	0.	**	**	**	**
00317	BOD, 9 DAY, 20 DEG C MG/L	10/16/72-10/16/72	1	4.5	4.5	4.5	4.5	0.	0.	**	**	**	**
00322	BOD, 10 DAY, 20 DEG C MG/L	10/16/72-10/16/72	1	5.1	5.1	5.1	5.1	0.	0.	**	**	**	**
00323	BOD, 15 DAY, 20 DEG C MG/L	10/16/72-10/16/72	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	01/28/69-12/01/69	12	25.5	29.167	55.	13.	253.242	15.914	13.	14.5	47.25	53.5
00350	BOD, 14 DAY, 20 DEG C MG/L	10/16/72-10/16/72	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/13/67-08/29/80	17	7.8	7.906	9.3	7.	0.482	0.694	7.	7.4	8.35	9.14
00400	CONVERTED PH (STANDARD UNITS)	10/13/67-08/29/80	17	7.8	7.54	9.3	7.	0.624	0.79	7.	7.4	8.35	9.14
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/13/67-08/29/80	17	0.016	0.029	0.1	0.001	0.001	0.032	0.001	0.004	0.041	0.1
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/28/69-08/29/80	16	120.	115.625	180.	38.	1275.85	35.719	52.	100.	130.	173.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/28/69-08/29/80	16	0.	2.563	32.	0.	64.796	8.05	0.	0.	0.	14.5
00500	RESIDUE, TOTAL (MG/L)	04/22/69-04/22/69	1	140.	140.	140.	140.	0.	0.	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	04/22/69-04/22/69	1	110.	110.	110.	110.	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	10/16/72-08/29/80	5	0.74	0.588	0.83	0.25	0.067	0.26	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/16/72-08/29/80	5	0.13	0.136	0.19	0.1	0.001	0.034	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/16/72-10/16/72	3	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/16/72-10/16/72	3	0.82	0.817	0.84	0.79	0.001	0.025	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/30/80-08/29/80	2	0.47	0.47	0.5	0.44	0.002	0.042	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/30/80-08/29/80	2	0.545	0.545	0.55	0.54	0.	0.007	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/19/69-08/04/69	4	13.7	11.7	16.4	3.	35.427	5.952	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	02/27/69-07/30/80	12	6250.	14243.333	80000.	120.	493434896.97	22213.395	504.	2475.	16775.	64400.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	02/27/69-07/30/80	12	3.796	3.744	4.903	2.079	0.511	0.715	2.399	3.391	4.212	4.766
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			5551.69								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/13/67-07/30/80	15	700.	1676.667	7000.	30.	5010880.952	2238.5	36.	160.	2000.	6640.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/13/67-07/30/80	15	2.845	2.773	3.845	1.477	0.549	0.741	1.552	2.204	3.301	3.822
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			592.356								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0014

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	12	2	0.17	5	0	0.00	4	0	0.00	3	2	0.67			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	19 &	4	0.21	12	3	0.25	4	1	0.25	3	0	0.00			
00400	PH	Fresh Chronic	9.	17	2	0.12	10	2	0.20	4	0	0.00	3	0	0.00			
		Other-Lo Lim.	6.5	17	0	0.00	10	0	0.00	4	0	0.00	3	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	3	0	0.00	3	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	3	0	0.00	3	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00	2	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	12	11	0.92	6	6	1.00	3	3	1.00	3	2	0.67			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	15	11	0.73	8	6	0.75	4	3	0.75	3	2	0.67			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 6/01 to 10/31 - Station CHCH0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/13/67-08/29/80	13	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/67-08/29/80	13	20.6	19.615	28.	13.5	14.395	3.794	14.5	16.5	22.	25.68
00300	OXYGEN, DISSOLVED MG/L	10/13/67-08/29/80	13	4.8	4.112	5.7	0.05	3.18	1.783	0.67	2.9	5.35	5.7
00310	BOD, 5 DAY, 20 DEG C MG/L	10/13/67-08/29/80	12	3.8	5.75	14.	1.2	20.985	4.581	1.29	2.425	8.75	14.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 2/29 - Station CHCH0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/13/67-08/29/80	4	1.	1.	1.	1.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/67-08/29/80	4	9.45	9.575	11.4	8.	2.149	1.466	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/13/67-08/29/80	4	7.25	6.9	10.3	2.8	10.14	3.184	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	10/13/67-08/29/80	4	5.25	4.775	7.4	1.2	7.309	2.704	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 3/01 to 5/31 - Station CHCH0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/13/67-08/29/80	3	1.	1.	1.	1.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/67-08/29/80	3	15.	14.633	18.3	10.6	14.923	3.863	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/13/67-08/29/80	3	8.1	7.9	9.1	6.5	1.72	1.311	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	10/13/67-08/29/80	3	3.1	3.8	5.2	3.1	1.47	1.212	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: CHCH0015

NPS Station ID: CHCH0015
LAT/LON: 34.879448/ -85.196948
Agency: 131TVAC
Date Created: / /
Location: THREE NOTCH ROAD BRIDGE
FIPS State/County: 13047 GEORGIA/CATOOSA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 120855
RMI-Indexes: 1021500 007720 00920 6180 0480
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 017.80 012.50
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: PEAVINE CREEK 12.50
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 1.80
On/Off RF1:
RF3 Index: 06020001001200.00
RF3 Mile Point: 1.02
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/28/69-12/03/69	12	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/28/69-12/03/69	12	15.	14.508	23.3	5.	36.694	6.058	5.51	9.625	19.75	22.64
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/28/69-12/03/69	12	7.	11.5	24.	4.	54.636	7.392	4.	6.	19.5	23.1
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/28/69-12/03/69	12	15.	21.333	60.	2.	332.606	18.237	2.6	10.	32.5	57.
00080	COLOR (PLATINUM-COBALT UNITS)	01/28/69-12/03/69	12	10.	11.667	35.	2.5	73.106	8.55	2.5	6.25	15.	29.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/28/69-12/03/69	12	255.	251.667	280.	210.	506.061	22.496	213.	240.	270.	280.
00300	OXYGEN, DISSOLVED MG/L	01/28/69-12/03/69	12	8.95	9.183	11.5	6.9	2.865	1.693	6.99	7.7	10.95	11.47
00310	BOD, 5 DAY, 20 DEG C MG/L	01/28/69-12/03/69	12	1.25	1.417	2.4	0.5	0.303	0.551	0.65	1.1	1.875	2.34
00400	PH (STANDARD UNITS)	01/28/69-12/03/69	12	7.9	7.883	8.	7.7	0.007	0.083	7.73	7.825	7.9	8.
00400	CONVERTED PH (STANDARD UNITS)	01/28/69-12/03/69	12	7.9	7.876	8.	7.7	0.007	0.084	7.73	7.825	7.9	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/28/69-12/03/69	12	0.013	0.013	0.02	0.01	0.	0.003	0.01	0.013	0.015	0.019
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/28/69-12/03/69	12	123.5	118.25	130.	94.	197.477	14.053	95.2	102.5	130.	130.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/28/69-12/03/69	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00500	RESIDUE, TOTAL (MG/L)	01/28/69-12/03/69	12	180.	197.5	360.	150.	3093.182	55.616	153.	170.	210.	318.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/28/69-12/03/69	12	160.	173.333	340.	130.	2951.515	54.328	133.	150.	170.	292.
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/28/69-12/03/69	12	0.265	0.346	0.71	0.15	0.036	0.188	0.153	0.25	0.52	0.689
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/28/69-12/03/69	12 ##	0.005	0.038	0.16	0.005	0.003	0.057	0.005	0.005	0.053	0.157
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/28/69-12/03/69	12	0.01	0.011	0.03	0.005	0.	0.006	0.005	0.01	0.01	0.024
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/28/69-12/03/69	12	0.24	0.225	0.4	0.06	0.013	0.115	0.06	0.108	0.333	0.385
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/28/69-12/03/69	12	0.036	0.079	0.456	0.013	0.015	0.123	0.014	0.022	0.076	0.356
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/28/69-12/03/69	11	0.016	0.054	0.391	0.003	0.013	0.113	0.004	0.01	0.029	0.326
00916	CALCIUM, TOTAL (MG/L AS CA)	01/28/69-12/03/69	12	37.	37.5	44.	30.	18.273	4.275	30.6	34.5	41.75	43.4
00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/28/69-12/03/69	12	5.	5.208	9.5	3.	3.248	1.802	3.15	3.625	6.375	8.6
00929	SODIUM, TOTAL (MG/L AS NA)	01/28/69-12/03/69	12	1.	1.308	3.1	0.5	0.535	0.732	0.59	0.825	1.5	2.86
00937	POTASSIUM, TOTAL MG/L AS K)	01/28/69-12/03/69	12	1.7	2.35	9.	1.3	4.577	2.139	1.3	1.325	2.375	7.05
00940	CHLORIDE,TOTAL IN WATER MG/L	01/28/69-12/03/69	12	4.	4.083	9.	3.	2.811	1.676	3.	3.	4.	7.8
00945	SULFATE, TOTAL (MG/L AS SO4)	01/28/69-12/03/69	12	2.	2.417	5.	1.	2.265	1.505	1.	1.	4.	4.7
00951	FLUORIDE, TOTAL (MG/L AS F)	01/28/69-12/03/69	12	0.06	0.063	0.08	0.05	0.	0.009	0.05	0.06	0.07	0.077
00956	SILICA, TOTAL (MG/L AS SI02)	01/28/69-12/03/69	12	7.85	7.642	9.4	3.7	2.524	1.589	4.48	6.9	8.95	9.37
01045	IRON, TOTAL (UG/L AS FE)	01/28/69-12/03/69	12	275.	287.5	580.	150.	15347.727	123.886	159.	192.5	320.	538.
01046	IRON, DISSOLVED (UG/L AS FE)	01/28/69-12/03/69	12	50.	69.583	200.	25.	3174.811	56.345	25.	25.	115.	179.
01047	IRON, FERROUS (UG/L AS FE)	01/28/69-12/03/69	12 ##	25.	31.25	100.	25.	468.75	21.651	25.	25.	25.	77.5
01055	MANGANESE, TOTAL (UG/L AS MN)	01/28/69-12/03/69	12	85.	159.167	780.	50.	40717.424	201.786	53.	62.5	155.	612.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	02/24/69-12/03/69	11	50.	52.727	80.	30.	201.818	14.206	30.	50.	60.	76.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/18/69-12/03/69	10	760.	2852.	12600.	50.	17134173.333	4139.345	59.	245.	4850.	12080.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/18/69-12/03/69	10	2.873	2.953	4.1	1.699	0.595	0.771	1.744	2.372	3.669	4.077
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			897.849								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/28/69-12/03/69	12	75.	308.75	1800.	5.	293573.295	541.824	15.5	52.5	237.5	1560.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/28/69-12/03/69	12	1.874	2.018	3.255	0.699	0.445	0.667	0.97	1.719	2.374	3.179
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			104.171								
46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	01/28/69-12/03/69	12	120.	116.167	140.	89.	245.606	15.672	91.1	101.75	130.	137.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0015

				Total	Exceed	Prop.	----------6/01-10/31----------			----------11/01-2/29----------			----------3/01-5/31----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	12	2	0.17	5	1	0.20	4	0	0.00	3	1	0.33			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	12	0	0.00	5	0	0.00	4	0	0.00	3	0	0.00			
00400	PH	Fresh Chronic	9.	12	0	0.00	5	0	0.00	4	0	0.00	3	0	0.00			
		Other-Lo Lim.	6.5	12	0	0.00	5	0	0.00	4	0	0.00	3	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	12	0	0.00	5	0	0.00	4	0	0.00	3	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	12	0	0.00	5	0	0.00	4	0	0.00	3	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	12	0	0.00	5	0	0.00	4	0	0.00	3	0	0.00			
		Drinking Water	250.	12	0	0.00	5	0	0.00	4	0	0.00	3	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	12	0	0.00	5	0	0.00	4	0	0.00	3	0	0.00			
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	12	0	0.00	5	0	0.00	4	0	0.00	3	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	10	4	0.40	5	2	0.40	2	0	0.00	3	2	0.67			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	12	4	0.33	5	2	0.40	4	0	0.00	3	2	0.67			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0016

NPS Station ID: CHCH0016 LAT/LON: 34.882226/ -85.267226 Agency: 131TVAC Date Created: / /
Location: BRIDGE 0.1 MILE ABOVE LEE AND GORDON MILL FIPS State/County: 13295 GEORGIA/WALKER
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 120822
RMI-Indexes: 1021500 007720 00920 6180 0340 Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 013.20 020.72
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: TENNESSEE RIVER BASIN Elevation: 0 Water Body Id:
Minor Basin: WEST CHICKAMAUGA CREEK 20.72 ECO Region:
RF1 Index: 06020001 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 06020001134500.00 RF3 Mile Point: 0.01 Distance from RF3: 0.02 On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0016

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/06/67-12/01/69	14	1.	0.929	1.	0.	0.071	0.267	0.5	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/06/67-12/01/69	14	16.65	15.679	22.2	7.8	26.83	5.18	8.35	9.75	21.1	21.65
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/28/69-12/01/69	12	47.	188.167	890.	34.	76352.515	276.32	36.1	41.25	177.5	810.5
00080	COLOR (PLATINUM-COBALT UNITS)	09/06/67-10/13/67	2	20.	20.	30.	10.	200.	14.142	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/06/67-12/01/69	14	3.75	4.182	10.2	0.05	14.057	3.749	0.05	0.463	7.825	9.75
00304	BOD, 2 DAY, 20 DEG C MG/L	09/06/67-10/13/67	2	8.15	8.15	11.	5.3	16.245	4.031	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	10/13/67-10/13/67	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/06/67-10/13/67	2	8.4	8.4	9.	7.8	0.72	0.849	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/06/67-10/13/67	2	8.074	8.074	9.	7.8	0.932	0.965	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/06/67-10/13/67	2	0.008	0.008	0.016	0.001	0.	0.01	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	09/06/67-10/13/67	2	215.	215.	250.	180.	2450.	49.497	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/06/67-10/13/67	2	200.	200.	240.	160.	3200.	56.569	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/06/67-12/01/69	12	14500.	29641.667	80000.	2100.	1011242651.515	31800.042	2190.	4300.	64500.	80000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/06/67-12/01/69	12	4.155	4.16	4.903	3.322	0.348	0.59	3.34	3.631	4.809	4.903
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			14442.872								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/06/67-12/01/69	14	1800.	6398.571	30000.	100.	99510351.648	9975.488	145.	365.	8425.	28500.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/06/67-12/01/69	14	3.249	3.237	4.477	2.	0.635	0.797	2.139	2.555	3.914	4.454
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1724.814								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0016

				Total	Exceed	Prop.	----------6/01-10/31----------			----------11/01-2/29----------			----------3/01-5/31----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	11 &	4	0.36	4	3	0.75	4	1	0.25	3	0	0.00			
00400	PH	Fresh Chronic	9.	2	1	0.50	2	1	0.50									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	12	12	1.00	6	6	1.00	3	3	1.00	3	3	1.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	14	12	0.86	7	6	0.86	4	3	0.75	3	3	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0017

NPS Station ID: CHCH0017
LAT/LON: 34.884170/ -85.393337
Agency: 112WRD
Date Created: 06/16/79
Location: LONG BRANCH NEAR HINKLE, GA.
FIPS State/County: 13295 GEORGIA/WALKER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 03568320
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 06020001127504.00
RF3 Mile Point: 4.00
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/25/79-09/01/81	9	14.2	16.6	26.5	4.	54.118	7.356	4.	11.75	23.6	26.5
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/25/79-09/01/81	9	4.	5.474	19.	0.01	41.915	6.474	0.01	0.13	9.	19.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/25/79-09/01/81	9	25.	30.333	63.	14.	289.	17.	14.	16.5	44.	63.
00300	OXYGEN, DISSOLVED MG/L	04/25/79-09/01/81	9	9.2	9.311	12.4	6.6	3.074	1.753	6.6	7.85	10.5	12.4
00400	PH (STANDARD UNITS)	04/25/79-09/01/81	9	6.4	6.4	7.3	5.7	0.252	0.502	5.7	6.	6.8	7.3
00400	CONVERTED PH (STANDARD UNITS)	04/25/79-09/01/81	9	6.4	6.187	7.3	5.7	0.304	0.551	5.7	6.	6.8	7.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/25/79-09/01/81	9	0.398	0.65	1.995	0.05	0.396	0.629	0.05	0.163	1.027	1.995
00403	PH, LAB, STANDARD UNITS SU	04/16/81-09/01/81	2	7.	7.	7.4	6.6	0.32	0.566	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	04/16/81-09/01/81	2	6.837	6.837	7.4	6.6	0.373	0.611	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/16/81-09/01/81	2	0.145	0.145	0.251	0.04	0.022	0.149	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/01/79-08/21/80	6	2.4	11.383	51.	1.2	385.398	19.632	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/25/79-09/01/81	8	4.5	7.75	20.	2.	45.643	6.756	**	**	**	**
00435	ACIDITY, TOTAL (MG/L AS CACO3)	04/25/79-09/01/81	6	0.	1.667	5.	0.	6.667	2.582	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/01/79-05/22/80	2	0.06	0.06	0.07	0.05	0.	0.014	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/01/79-05/22/80	2	7.	7.	8.	6.	2.	1.414	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/01/79-05/22/80	2	4.5	4.5	6.	3.	4.5	2.121	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/01/79-05/22/80	2	1.5	1.5	1.7	1.3	0.08	0.283	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/01/79-05/22/80	2	0.75	0.75	0.9	0.6	0.045	0.212	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/01/79-05/22/80	2	0.8	0.8	1.	0.6	0.08	0.283	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/01/79-05/22/80	2	0.15	0.15	0.2	0.1	0.005	0.071	**	**	**	**
00932	SODIUM, PERCENT	08/01/79-05/22/80	2	18.5	18.5	20.	17.	4.5	2.121	**	**	**	**
00933	SODIUM,PLUS POTASSIUM (MG/L)	08/01/79-08/01/79	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/01/79-05/22/80	2	0.45	0.45	0.5	0.4	0.005	0.071	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/01/79-05/22/80	2	0.95	0.95	1.	0.9	0.005	0.071	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/25/79-09/01/81	9	5.	6.	10.	5.	3.25	1.803	5.	5.	7.	10.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/01/79-05/22/80	2 ##	0.025	0.025	0.05	0.	0.001	0.035	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/01/79-05/22/80	2	5.05	5.05	5.7	4.4	0.845	0.919	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	08/01/79-05/22/80	2 ##	0.25	0.25	0.5	0.	0.125	0.354	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	09/01/81-09/01/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	08/01/79-05/22/80	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/01/81-09/01/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/01/81-09/01/81	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/01/79-05/22/80	2 ##	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	09/01/81-09/01/81	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/01/79-05/22/80	2	2.	2.	3.	1.	2.	1.414	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/01/81-09/01/81	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01044	IRON, SUSPENDED (UG/L AS FE)	04/25/79-09/01/81	7	70.	94.286	170.	40.	2228.571	47.208	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	04/25/79-09/01/81	9	110.	144.444	280.	60.	7027.778	83.832	60.	75.	230.	280.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01046	IRON, DISSOLVED (UG/L AS FE)	04/25/79-09/01/81	7	20.	38.571	140.	0.	2147.619	46.342	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	08/01/79-05/22/80	2	2.5	2.5	4.	1.	4.5	2.121	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/01/81-09/01/81	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	09/01/81-09/01/81	1	190.	190.	190.	190.	0.	0.	**	**	**	**
01054	MANGANESE, SUSPENDED (UG/L AS MN)	04/25/79-04/16/81	6	0.	1.667	10.	0.	16.667	4.082	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	04/25/79-09/01/81	9	10.	11.667	20.	5.	43.75	6.614	5.	5.	20.	20.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/25/79-09/01/81	7	10.	10.714	20.	5.	45.238	6.726	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/01/79-05/22/80	2	15.	15.	20.	10.	50.	7.071	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	09/01/81-09/01/81	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	08/01/79-05/22/80	2	110.	110.	140.	80.	1800.	42.426	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	08/01/79-05/22/80	2 ##	0.25	0.25	0.5	0.	0.125	0.354	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	09/01/81-09/01/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	09/01/81-09/01/81	1	2600.	2600.	2600.	2600.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/25/79-09/01/81	9	24.	26.889	46.	17.	83.611	9.144	17.	19.5	32.	46.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/01/79-05/22/80	2	16.5	16.5	18.	15.	4.5	2.121	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	04/25/79-09/01/81	9	0.27	0.297	0.87	0.	0.093	0.305	0.	0.015	0.495	0.87
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/25/79-09/01/81	9	0.03	0.036	0.06	0.02	0.	0.011	0.02	0.03	0.04	0.06
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	04/25/79-08/22/79	3	100.	100.	100.	100.	0.	0.	**	**	**	**
71825	ACIDITY, TOTAL (MG/L AS H)	04/25/79-09/01/81	6 ##	0.05	0.058	0.1	0.	0.001	0.038	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	08/01/79-05/22/80	2 ##	0.15	0.15	0.25	0.05	0.02	0.141	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/01/81-09/01/81	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	04/25/79-09/01/81	8	3.5	4.	9.	1.	10.	3.162	**	**	**	**
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	04/25/79-09/01/81	8	0.01	0.094	0.46	0.	0.027	0.164	**	**	**	**
82031	COAL IN BOTTOM MATERIAL DRY WEIGHT GRAMS/KG	09/01/81-09/01/81	1	7.	7.	7.	7.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0017

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	9	0	0.00	4	0	0.00	2	0	0.00	3	0	0.00			
00400	PH	Fresh Chronic	9.	9	0	0.00	4	0	0.00	2	0	0.00	3	0	0.00			
		Other-Lo Lim.	6.5	9	6	0.67	4	2	0.50	2	2	1.00	3	2	0.67			
00403	PH, LAB	Fresh Chronic	9.	2	0	0.00	1	0	0.00				1	0	0.00			
		Other-Lo Lim.	6.5	2	0	0.00	1	0	0.00				1	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00	1	0	0.00				1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	250.	2	0	0.00	1	0	0.00				1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	9	0	0.00	4	0	0.00	2	0	0.00	3	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00	1	0	0.00				1	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	50.	2	0	0.00	1	0	0.00				1	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	5.	2	0	0.00	1	0	0.00				1	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	2	0	0.00	1	0	0.00				1	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	1300.	2	0	0.00	1	0	0.00				1	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	15.	2	0	0.00	1	0	0.00				1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	5000.	2	0	0.00	1	0	0.00				1	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	50.	2	0	0.00	1	0	0.00				1	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	2.	2	0	0.00	1	0	0.00				1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0018

NPS Station ID: CHCH0018
LAT/LON: 34.884726/ -85.267226
Agency: 131TVAC
Date Created: / /
Location: BELOW LEE AND GORDON MILL
FIPS State/County: 13295 GEORGIA/WALKER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 120880
RMI-Indexes: 1021500 007720 00920 6180 0340
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 013.20 020.50
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: WEST CHICKAMAUGA CREEK 20.5
ECO Region:
RF1 Index: 06020001008
RF1 Mile Point: 14.520
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 06020001000909.94
RF3 Mile Point: 10.78
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/17/72-10/17/72	3	1.	1.	1.	1.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/17/72-10/17/72	3	17.	17.	17.2	16.8	0.04	0.2	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/17/72-10/17/72	1	56.	56.	56.	56.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/17/72-10/17/72	3	7.7	7.933	8.5	7.6	0.243	0.493	**	**	**	**
00303	BOD, 1DAY, 20 DEG C MG/L	10/17/72-10/17/72	3	1.	0.967	1.4	0.5	0.203	0.451	**	**	**	**
00304	BOD, 2 DAY, 20 DEG C MG/L	10/17/72-10/17/72	3	2.6	2.6	3.4	1.8	0.64	0.8	**	**	**	**
00305	BOD, 3 DAY, 20 DEG C MG/L	10/17/72-10/17/72	3	3.3	3.233	4.2	2.2	1.003	1.002	**	**	**	**
00306	BOD, 4 DAY, 20 DEG C MG/L	10/17/72-10/17/72	3	3.6	3.567	4.6	2.5	1.103	1.05	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	10/17/72-10/17/72	3	4.1	4.3	5.6	3.2	1.47	1.212	**	**	**	**
00312	BOD, 6 DAY, 20 DEG C MG/L	10/17/72-10/17/72	1	4.5	4.5	4.5	4.5	0.	0.	**	**	**	**
00315	BOD, 7 DAY, 20 DEG C MG/L	10/17/72-10/17/72	1	4.6	4.6	4.6	4.6	0.	0.	**	**	**	**
00316	BOD, 8 DAY, 20 DEG C MG/L	10/17/72-10/17/72	1	5.3	5.3	5.3	5.3	0.	0.	**	**	**	**
00317	BOD, 9 DAY, 20 DEG C MG/L	10/17/72-10/17/72	1	5.7	5.7	5.7	5.7	0.	0.	**	**	**	**
00322	BOD, 10 DAY, 20 DEG C MG/L	10/17/72-10/17/72	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00323	BOD, 15 DAY, 20 DEG C MG/L	10/17/72-10/17/72	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
00350	BOD, 14 DAY, 20 DEG C MG/L	10/17/72-10/17/72	1	8.7	8.7	8.7	8.7	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	10/17/72-10/17/72	3	0.57	0.573	0.7	0.45	0.016	0.125	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/17/72-10/17/72	3	0.14	0.143	0.17	0.12	0.001	0.025	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/17/72-10/17/72	3	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/17/72-10/17/72	3	0.75	0.75	0.75	0.75	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0018

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	3	0	0.00	3	0	0.00									
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	3	0	0.00	3	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	3	0	0.00	3	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0019

NPS Station ID: CHCH0019
LAT/LON: 34.888337/ -85.240559
Agency: 131TVAC
Date Created: / /
Location: 0.6 MILE ABOVE BLUE SPRING BRANCH
FIPS State/County: 13047 GEORGIA/CATOOSA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 120881
RMI-Indexes: 1021500 007720 00920 6180 0340
Within Park Boundary: Yes
RMI-Miles: 0953.80 0046.50 468.20 013.20 017.70
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: WEST CHICKAMAUGA CREEK 17.7
ECO Region:
RF1 Index: 06020001008
RF1 Mile Point: 12.120
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 06020001001309.65
RF3 Mile Point: 10.14
Distance from RF3: 0.04
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/17/72-10/17/72	3	1.	1.	1.	1.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/17/72-10/17/72	3	17.5	17.5	17.5	17.5	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/17/72-10/17/72	1	51.	51.	51.	51.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/17/72-10/17/72	3	5.9	5.667	5.9	5.2	0.163	0.404	**	**	**	**
00303	BOD, 1DAY, 20 DEG C MG/L	10/17/72-10/17/72	3	1.3	1.4	1.6	1.3	0.03	0.173	**	**	**	**
00304	BOD, 2 DAY, 20 DEG C MG/L	10/17/72-10/17/72	3	1.8	1.867	2.1	1.7	0.043	0.208	**	**	**	**
00305	BOD, 3 DAY, 20 DEG C MG/L	10/17/72-10/17/72	3	2.1	2.167	2.3	2.1	0.013	0.115	**	**	**	**
00306	BOD, 4 DAY, 20 DEG C MG/L	10/17/72-10/17/72	3	3.	2.967	3.1	2.8	0.023	0.153	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	10/17/72-10/17/72	3	3.3	3.333	3.5	3.2	0.023	0.153	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	10/17/72-10/17/72	3	0.38	0.4	0.45	0.37	0.002	0.044	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/17/72-10/17/72	3	0.09	0.097	0.11	0.09	0.	0.012	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/17/72-10/17/72	3	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/17/72-10/17/72	3	0.74	0.743	0.8	0.69	0.003	0.055	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0019

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	3	0	0.00	3	0	0.00									
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	3	0	0.00	3	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	3	0	0.00	3	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0020

NPS Station ID: CHCH0020 LAT/LON: 34.891392/ -85.124448 Agency: 131TVAC Date Created: / /
Location: ROAD CROSSING 2 MILES SSW OF RINGGOLD FIPS State/County: 13047 GEORGIA/CATOOSA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 120858
RMI-Indexes: 1021500 007720 00920 6180 0820 Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 031.60 003.32
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: TENNESSEE RIVER BASIN Elevation: 0 Water Body Id:
Minor Basin: LITTLE CHICKAMAUGA CREEK 3.32 ECO Region:
RF1 Index: 06020001 RF1 Mile Point: 0.000 Distance from RF1: 1.40 On/Off RF1:
RF3 Index: 06020001001410.48 RF3 Mile Point: 13.15 Distance from RF3: 0.02 On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/25/69-12/04/69	11	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/25/69-12/04/69	11	16.1	14.691	20.6	6.7	27.407	5.235	7.14	9.	20.	20.6
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/25/69-12/04/69	11	16.	23.909	49.	13.	191.091	13.824	13.	15.	32.	49.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/25/69-12/04/69	11	10.	11.636	30.	2.	60.455	7.775	2.4	7.	15.	28.
00080	COLOR (PLATINUM-COBALT UNITS)	02/25/69-12/04/69	11	5.	6.818	15.	2.5	23.864	4.885	2.5	2.5	10.	15.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/25/69-12/04/69	11	220.	225.455	270.	190.	587.273	24.234	190.	220.	250.	266.
00300	OXYGEN, DISSOLVED MG/L	02/25/69-12/04/69	11	8.6	9.509	11.8	8.	2.083	1.443	8.02	8.2	10.7	11.76
00310	BOD, 5 DAY, 20 DEG C MG/L	02/25/69-12/04/69	11 ##	0.5	0.891	1.9	0.5	0.341	0.584	0.5	0.5	1.7	1.86
00335	COD, .025N K2CR2O7 MG/L	02/25/69-12/04/69	11	11.	16.636	74.	3.	390.855	19.77	3.6	8.	17.	63.6
00400	PH (STANDARD UNITS)	02/25/69-12/04/69	11	7.8	7.827	8.	7.7	0.01	0.101	7.7	7.8	7.9	8.
00400	CONVERTED PH (STANDARD UNITS)	02/25/69-12/04/69	11	7.8	7.817	8.	7.7	0.01	0.101	7.7	7.8	7.9	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/25/69-12/04/69	11	0.016	0.015	0.02	0.01	0.	0.003	0.01	0.013	0.016	0.02
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/25/69-12/04/69	11	110.	107.182	120.	79.	206.764	14.379	80.6	100.	120.	120.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	02/25/69-12/04/69	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00500	RESIDUE, TOTAL (MG/L)	02/25/69-12/04/69	11	150.	140.	160.	100.	400.	20.	102.	130.	150.	160.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	02/25/69-12/04/69	11	130.	127.273	150.	80.	441.818	21.019	84.	120.	140.	150.
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	02/25/69-12/04/69	11	0.18	0.234	0.42	0.15	0.01	0.101	0.15	0.16	0.35	0.412
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/25/69-12/04/69	11 ##	0.005	0.015	0.06	0.005	0.	0.019	0.005	0.005	0.03	0.056
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	02/25/69-12/04/69	11	0.01	0.009	0.02	0.005	0.	0.004	0.005	0.005	0.01	0.018
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/25/69-12/04/69	11	0.27	0.27	0.39	0.16	0.005	0.068	0.168	0.22	0.33	0.382
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/25/69-12/04/69	11	0.023	0.025	0.046	0.013	0.	0.01	0.014	0.016	0.029	0.044
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	02/25/69-12/04/69	10	0.012	0.014	0.033	0.003	0.	0.01	0.003	0.007	0.019	0.033
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/14/69-08/11/69	3	5.1	5.3	7.8	3.	5.79	2.406	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	02/25/69-12/04/69	11	24.	25.136	30.	21.	8.905	2.984	21.1	23.	28.	29.8
00927	MAGNESIUM, TOTAL (MG/L AS MG)	02/25/69-12/04/69	11	10.	10.	15.	5.5	8.45	2.907	5.7	8.	12.	14.6
00929	SODIUM, TOTAL (MG/L AS NA)	02/25/69-12/04/69	11	0.4	0.482	0.9	0.3	0.036	0.189	0.3	0.3	0.6	0.86
00937	POTASSIUM, TOTAL MG/L AS K)	02/25/69-12/04/69	11	0.9	0.927	1.5	0.4	0.084	0.29	0.46	0.7	1.1	1.44
00940	CHLORIDE,TOTAL IN WATER MG/L	02/25/69-12/04/69	11	4.	3.636	5.	3.	0.455	0.674	3.	3.	4.	4.8
00945	SULFATE, TOTAL (MG/L AS SO4)	02/25/69-12/04/69	11	2.	2.045	5.	0.5	1.623	1.274	0.6	1.	3.	4.6
00951	FLUORIDE, TOTAL (MG/L AS F)	02/25/69-12/04/69	11	0.08	0.075	0.09	0.05	0.	0.012	0.052	0.07	0.08	0.09
00956	SILICA, TOTAL (MG/L AS SI02)	02/25/69-12/04/69	11	7.2	6.782	7.6	5.	0.766	0.875	5.16	6.	7.4	7.58
01045	IRON, TOTAL (UG/L AS FE)	02/25/69-12/04/69	11	200.	205.455	290.	150.	1687.273	41.076	152.	180.	230.	284.
01046	IRON, DISSOLVED (UG/L AS FE)	02/25/69-12/04/69	11 ##	25.	54.545	200.	25.	2852.273	53.407	25.	25.	50.	180.
01047	IRON, FERROUS (UG/L AS FE)	02/25/69-12/04/69	10 ##	25.	25.	25.	25.	0.	0.	25.	25.	25.	25.
01055	MANGANESE, TOTAL (UG/L AS MN)	02/25/69-12/04/69	11	40.	51.818	110.	10.	1016.364	31.88	14.	30.	90.	106.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	02/25/69-12/04/69	11	20.	17.727	40.	5.	86.818	9.318	6.	10.	20.	36.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	02/25/69-12/04/69	11	600.	1560.909	4900.	50.	3026809.091	1739.773	76.	180.	3000.	4660.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	02/25/69-12/04/69	11	2.778	2.84	3.69	1.699	0.422	0.65	1.81	2.255	3.477	3.666

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			692.306								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/25/69-12/04/69	10	125.	351.	1770.	10.	294454.444	542.637	12.	37.5	550.	1657.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/25/69-12/04/69	10	2.097	2.118	3.248	1.	0.455	0.675	1.048	1.571	2.739	3.204
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			131.099								
46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	02/25/69-12/04/69	11	100.	102.818	120.	75.	224.364	14.979	76.8	93.	120.	120.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0020

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
00400	PH	Fresh Chronic	9.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
		Other-Lo Lim.	6.5	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
		Drinking Water	250.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	11	4	0.36	5	3	0.60	3	0	0.00	3	1	0.33			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	10	3	0.30	5	2	0.40	3	0	0.00	2	1	0.50			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0021

NPS Station ID: CHCH0021 LAT/LON: 34.891392/ -85.411392 Agency: 112WRD Date Created: 01/25/77
Location: ROCK CREEK AT NICKAJACK RD NR HINKLE, GA. FIPS State/County: 13295 GEORGIA/WALKER
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 03568310
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 06020001003 RF1 Mile Point: 11.500 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 06020001125809.16 RF3 Mile Point: 9.95 Distance from RF3: 0.08 On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/26/76-10/20/81	12	15.	15.667	23.	6.	26.242	5.123	7.2	11.875	20.	22.4
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/26/76-10/20/81	12	10.	12.183	43.	0.5	187.14	13.68	0.56	1.	15.5	40.3
00080	COLOR (PLATINUM-COBALT UNITS)	08/26/76-04/21/77	2	1.5	1.5	3.	0.	4.5	2.121	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/26/76-10/20/81	12	185.5	214.667	360.	86.	7716.061	87.841	96.2	145.75	290.5	351.
00300	OXYGEN, DISSOLVED MG/L	08/26/76-10/20/81	12	8.9	8.908	11.5	6.7	2.01	1.418	6.76	7.9	9.85	11.2
00400	PH (STANDARD UNITS)	08/26/76-10/20/81	11	6.7	6.764	7.3	6.4	0.075	0.273	6.42	6.5	6.9	7.26
00400	CONVERTED PH (STANDARD UNITS)	08/26/76-10/20/81	11	6.7	6.695	7.3	6.4	0.08	0.282	6.42	6.5	6.9	7.26
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/26/76-10/20/81	11	0.2	0.202	0.398	0.05	0.012	0.109	0.056	0.126	0.316	0.382
00403	PH, LAB, STANDARD UNITS SU	04/16/81-10/20/81	3	7.	7.1	7.6	6.7	0.21	0.458	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	04/16/81-10/20/81	3	7.	6.966	7.6	6.7	0.237	0.487	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/16/81-10/20/81	3	0.1	0.108	0.2	0.025	0.008	0.087	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/26/76-08/21/80	8	3.8	9.625	42.	1.7	181.645	13.478	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/26/76-10/20/81	12	11.5	11.583	17.	6.	12.629	3.554	6.3	8.5	15.25	16.7
00435	ACIDITY, TOTAL (MG/L AS CACO3)	08/26/76-10/20/81	7	0.	1.429	10.	0.	14.286	3.78	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/26/76-04/21/77	2	18.	18.	20.	16.	8.	2.828	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/26/76-04/21/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	08/26/76-04/21/77	2	0.18	0.18	0.21	0.15	0.002	0.042	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/26/76-04/21/77	2	0.115	0.115	0.16	0.07	0.004	0.064	**	**	**	**
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	08/26/76-04/21/77	2	0.015	0.015	0.03	0.	0.	0.021	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/26/76-04/21/77	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/26/76-04/21/77	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	04/18/79-04/18/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/26/76-04/21/77	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/26/76-04/21/77	2	0.065	0.065	0.08	0.05	0.	0.021	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	08/26/76-04/21/77	2 ##	0.045	0.045	0.05	0.04	0.	0.007	**	**	**	**
00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	08/26/76-04/21/77	2	0.095	0.095	0.12	0.07	0.001	0.035	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/26/76-04/21/77	2	0.115	0.115	0.16	0.07	0.004	0.064	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/26/76-09/01/81	3	0.05	0.053	0.08	0.03	0.001	0.025	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/26/76-05/22/80	4	0.08	0.103	0.2	0.05	0.004	0.067	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/26/76-04/21/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/26/76-09/01/81	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/26/76-04/21/77	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/26/76-04/21/77	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/26/76-04/21/77	2	3.45	3.45	5.1	1.8	5.445	2.333	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/26/76-08/26/76	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	09/01/81-09/01/81	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/26/76-09/01/81	5	81.	97.	150.	33.	2316.5	48.13	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/26/76-09/01/81	5	68.	84.	140.	27.	2074.5	45.547	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/26/76-09/01/81	5	16.	19.12	29.	6.6	88.172	9.39	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/26/76-09/01/81	5	10.	12.	19.	4.	36.5	6.042	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/26/76-09/01/81	5	2.4	2.72	3.9	1.3	1.162	1.078	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/26/76-09/01/81	5	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	08/26/76-09/01/81	5	6.	6.	8.	5.	1.5	1.225	**	**	**	**
00933	SODIUM,PLUS POTASSIUM (MG/L)	08/01/79-08/01/79	1	3.9	3.9	3.9	3.9	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/26/76-09/01/81	5	1.6	1.52	1.9	0.8	0.187	0.432	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/26/76-09/01/81	5	0.9	0.88	1.	0.7	0.017	0.13	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/26/76-10/20/81	12	71.	86.083	160.	30.	1797.538	42.397	33.6	50.5	125.	154.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/26/76-09/01/81	5	0.1	0.1	0.2	0.05	0.004	0.061	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/26/76-09/01/81	5	9.7	9.56	12.	6.1	5.083	2.255	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/26/76-04/21/77	2 ##	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	08/01/79-09/01/81	3	0.5	0.5	1.	0.	0.25	0.5	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/18/79-09/01/81	2 ##	0.25	0.25	0.5	0.	0.125	0.354	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	09/01/81-09/01/81	1	100.	100.	100.	100.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/26/76-04/21/77	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	08/01/79-09/01/81	3	1.	1.	2.	0.	1.	1.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/18/79-09/01/81	2	5.5	5.5	10.	1.	40.5	6.364	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/18/79-09/01/81	2	15.	15.	20.	10.	50.	7.071	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/26/76-04/21/77	2 ##	4.	4.	8.	0.	32.	5.657	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/01/79-09/01/81	3	10.	8.333	10.	5.	8.333	2.887	**	**	**	**
01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	04/18/79-09/01/81	2	15.	15.	20.	10.	50.	7.071	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	08/26/76-04/21/77	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/01/79-09/01/81	3	4.	3.333	4.	2.	1.333	1.155	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/18/79-09/01/81	2	14.	14.	20.	8.	72.	8.485	**	**	**	**
01044	IRON, SUSPENDED (UG/L AS FE)	04/25/79-10/20/81	8	225.	247.5	420.	90.	19621.429	140.077	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	08/26/76-10/20/81	12	170.	253.333	580.	70.	30060.606	173.38	76.	102.5	425.	538.
01046	IRON, DISSOLVED (UG/L AS FE)	08/26/76-10/20/81	10	15.	33.	190.	0.	3195.556	56.529	0.5	5.	32.5	175.
01049	LEAD, DISSOLVED (UG/L AS PB)	08/26/76-04/21/77	2 ##	2.	2.	4.	0.	8.	2.828	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	08/01/79-09/01/81	3	4.	9.	20.	3.	91.	9.539	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/18/79-09/01/81	2	10.	10.	10.	10.	0.	0.	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	04/18/79-09/01/81	2	545.	545.	920.	170.	281250.	530.33	**	**	**	**
01054	MANGANESE, SUSPENDED (UG/L AS MN)	04/25/79-10/20/81	8	0.	3.75	10.	0.	26.786	5.175	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	08/26/76-10/20/81	12	85.	120.833	320.	60.	7026.515	83.824	63.	72.5	117.5	305.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/26/76-10/20/81	10	85.	126.	330.	60.	8493.333	92.159	61.	70.	155.	323.
01077	SILVER, TOTAL (UG/L AS AG)	09/01/81-09/01/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/26/76-04/21/77	2	30.	30.	40.	20.	200.	14.142	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/01/79-09/01/81	3	30.	43.333	70.	30.	533.333	23.094	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	04/18/79-09/01/81	2	62.	62.	70.	54.	128.	11.314	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	08/01/79-05/22/80	2	170.	170.	190.	150.	800.	28.284	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/26/76-04/21/77	2	80.	80.	150.	10.	9800.	98.995	**	**	**	**
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	04/18/79-04/18/79	1	9000.	9000.	9000.	9000.	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	08/01/79-09/01/81	3 ##	0.5	0.333	0.5	0.	0.083	0.289	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	09/01/81-09/01/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	04/18/79-09/01/81	2	18000.	18000.	22000.	14000.	32000000.	5656.854	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/26/76-10/20/81	12	166.5	159.833	254.	63.	5048.697	71.054	67.8	85.75	230.5	248.6
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/26/76-09/01/81	5	122.	142.4	213.	54.	4389.3	66.252	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	08/26/76-10/20/81	12	3.165	3.32	7.53	0.31	7.036	2.653	0.358	0.732	5.818	7.464
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/26/76-10/20/81	12	0.225	0.218	0.35	0.09	0.009	0.096	0.096	0.115	0.313	0.341
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	04/25/79-08/22/79	3	100.	100.	100.	100.	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/26/76-08/26/76	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
71825	ACIDITY, TOTAL (MG/L AS H)	08/26/76-10/20/81	7 ##	0.05	0.064	0.2	0.	0.004	0.063	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/26/76-04/21/77	2	0.005	0.005	0.01	0.	0.	0.007	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/26/76-04/21/77	2	0.3	0.3	0.4	0.2	0.02	0.141	**	**	**	**
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	08/26/76-04/21/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	08/26/76-04/21/77	2	0.8	0.8	0.9	0.7	0.02	0.141	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	08/26/76-04/21/77	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	08/01/79-09/01/81	3 ##	0.1	0.133	0.25	0.05	0.011	0.104	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	04/18/79-09/01/81	2 ##	0.003	0.003	0.005	0.	0.	0.004	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	04/25/79-10/20/81	9	5.	9.111	38.	1.	146.361	12.098	1.	1.	13.	38.
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	04/25/79-10/20/81	9	0.08	0.36	2.1	0.01	0.465	0.682	0.01	0.02	0.43	2.1
82031	COAL IN BOTTOM MATERIAL DRY WEIGHT GRAMS/KG	09/01/81-09/01/81	1	6.	6.	6.	6.	0.	0.	**	**	**	**
82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	09/01/81-09/01/81	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0021

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	12	0	0.00	6	0	0.00	2	0	0.00	4	0	0.00			
00400	PH	Fresh Chronic	9.	11	0	0.00	5	0	0.00	2	0	0.00	4	0	0.00			
		Other-Lo Lim.	6.5	11	3	0.27	5	2	0.40	2	0	0.00	4	1	0.25			
00403	PH, LAB	Fresh Chronic	9.	3	0	0.00	2	0	0.00				1	0	0.00			
		Other-Lo Lim.	6.5	3	0	0.00	2	0	0.00				1	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	2	0	0.00	1	0	0.00				1	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	2	0	0.00	1	0	0.00				1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	0	0.00	2	0	0.00				1	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	4	0	0.00	2	0	0.00				2	0	0.00			
00720	CYANIDE, TOTAL	Fresh Acute	0.022	1	0	0.00	1	0	0.00									
		Drinking Water	0.2	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	5	0	0.00	3	0	0.00				2	0	0.00			
		Drinking Water	250.	5	0	0.00	3	0	0.00				2	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	12	0	0.00	6	0	0.00	2	0	0.00	4	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	5	0	0.00	3	0	0.00				2	0	0.00			
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	50.	2	0	0.00	1	0	0.00				1	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	3	0	0.00	2	0	0.00				1	0	0.00			
		Drinking Water	50.	3	0	0.00	2	0	0.00				1	0	0.00			
01007	BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00	1	0	0.00									
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	5.	2	0	0.00	1	0	0.00				1	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	3	0	0.00	2	0	0.00				1	0	0.00			
		Drinking Water	5.	3	0	0.00	2	0	0.00				1	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	2	0	0.00	1	0	0.00				1	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	3	0	0.00	2	0	0.00				1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	1300.	2	0	0.00	1	0	0.00				1	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	3	0	0.00	2	0	0.00				1	0	0.00			
		Drinking Water	1300.	3	0	0.00	2	0	0.00				1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	15.	2	0	0.00	1	0	0.00				1	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	3	0	0.00	2	0	0.00				1	0	0.00			
		Drinking Water	15.	3	1	0.33	2	1	0.50				1	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	5000.	2	0	0.00	1	0	0.00				1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	3	0	0.00	2	0	0.00				1	0	0.00			
		Drinking Water	5000.	3	0	0.00	2	0	0.00				1	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	3	0	0.00	2	0	0.00				1	0	0.00			
		Drinking Water	50.	3	0	0.00	2	0	0.00				1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	2	0	0.00	1	0	0.00				1	0	0.00			
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	2	0	0.00	1	0	0.00				1	0	0.00			
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	2.	2	0	0.00	1	0	0.00				1	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	3	0	0.00	2	0	0.00				1	0	0.00			
		Drinking Water	2.	3	0	0.00	2	0	0.00				1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0022

NPS Station ID: CHCH0022 LAT/LON: 34.892309/ -85.167003 Agency: 11NPSWRD Date Created: 04/03/99
Location: GACS530R FIPS State/County: 13047 GEORGIA/CATOOSA
Station Type: /TYPA/AMBNT/SPRING STORET Station ID(s): CHCH_NURE_20 /3015772
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: TENNESSEE RIVER Elevation: 0 Water Body Id:
Minor Basin: TENNESSEE R-MAIN STEM & MINOR TRIBS ECO Region:
RF1 Index: 06020001 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 06020001011302.01 RF3 Mile Point: 3.41 Distance from RF3: 0.11 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE EAST RIDGE TN-GA 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THIS SITE IS AT A SPRING AND IS LOCATED OUTSIDE OF THE CHICKAMAUGA AND CHATTANOOGA NATIONAL MILITARY PARK BOUNDARIES. EACH SAMPLE WAS FILTERED THROUGH A LESS THAN OR EQUAL TO 0.8 UM FILTER AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATABASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K.D. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATABASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUNDWATER DATA. THE "UNIQID" ENTRY WAS USED TO CREATE THE SECONARY STATION NAME. THE "SRLID" (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) ENTRY WAS USED TO CREATE THE LOCATION. SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY RONDA BURNS; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FT. COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: CHCH0022

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/28/77-09/28/77	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/28/77-09/28/77	1	180.	180.	180.	180.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	09/28/77-09/28/77	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	09/28/77-09/28/77	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/28/77-09/28/77	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/28/77-09/28/77	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/28/77-09/28/77	1	1.02	1.02	1.02	1.02	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/28/77-09/28/77	1	52.	52.	52.	52.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	09/28/77-09/28/77	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/28/77-09/28/77	1	29.	29.	29.	29.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/28/77-09/28/77	1	0.111	0.111	0.111	0.111	0.	0.	**	**	**	**
50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	09/28/77-09/28/77	1	3900.	3900.	3900.	3900.	0.	0.	**	**	**	**
82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	09/28/77-09/28/77	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0022

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0023

NPS Station ID: CHCH0023 LAT/LON: 34.901948/ -85.078060 Agency: 131TVAC Date Created: / /
Location: ROAD CROSSING 0.4 MILE NE OF INTERSTATE 75 FIPS State/County: 13047 GEORGIA/CATOOSA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 120862
RMI-Indexes: 1021500 007720 00920 6180 0940 Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 034.80 000.36
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: TENNESSEE RIVER BASIN Elevation: 0 Water Body Id:
Minor Basin: EAST CHICKAMAUGA CREEK 0.36 ECO Region:
RF1 Index: 06020001 RF1 Mile Point: 0.000 Distance from RF1: 5.80 On/Off RF1:
RF3 Index: 06020001008500.00 RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0023

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/25/69-12/01/69	11	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/25/69-12/01/69	11	17.5	15.336	23.9	5.6	40.103	6.333	6.04	8.8	20.6	23.68
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/25/69-12/01/69	11	31.	39.273	64.	27.	188.018	13.712	27.	30.	50.	63.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/25/69-12/01/69	11	15.	15.273	30.	3.	75.618	8.696	3.8	8.	25.	29.
00080	COLOR (PLATINUM-COBALT UNITS)	02/25/69-12/01/69	11	10.	10.	20.	2.5	28.75	5.362	2.5	5.	15.	19.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/25/69-12/01/69	11	240.	218.182	310.	150.	2816.364	53.069	150.	160.	250.	300.
00300	OXYGEN, DISSOLVED MG/L	02/25/69-12/01/69	11	7.8	8.655	12.5	6.3	4.521	2.126	6.34	6.5	10.5	12.26
00310	BOD, 5 DAY, 20 DEG C MG/L	02/25/69-12/01/69	11	1.	1.136	2.	0.5	0.373	0.61	0.5	0.5	1.8	2.
00400	PH (STANDARD UNITS)	02/25/69-12/01/69	11	7.7	7.709	8.	7.4	0.033	0.181	7.42	7.6	7.9	7.98
00400	CONVERTED PH (STANDARD UNITS)	02/25/69-12/01/69	11	7.7	7.675	8.	7.4	0.034	0.185	7.42	7.6	7.9	7.98
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/25/69-12/01/69	11	0.02	0.021	0.04	0.01	0.	0.009	0.011	0.013	0.025	0.038
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/25/69-12/01/69	11	106.	90.182	110.	54.	612.964	24.758	54.6	58.	110.	110.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	02/25/69-12/01/69	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00500	RESIDUE, TOTAL (MG/L)	02/25/69-12/01/69	11	160.	151.818	200.	80.	1216.364	34.876	88.	120.	180.	198.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	02/25/69-12/01/69	11	140.	130.	170.	80.	720.	26.833	84.	110.	150.	166.
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	02/25/69-12/01/69	11	0.26	0.271	0.49	0.17	0.01	0.099	0.17	0.17	0.34	0.462
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/25/69-12/01/69	11	0.02	0.024	0.08	0.005	0.001	0.024	0.005	0.005	0.04	0.072
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	02/25/69-12/01/69	11	0.01	0.01	0.02	0.005	0.	0.005	0.005	0.005	0.01	0.02
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/25/69-12/01/69	11	0.25	0.212	0.44	0.01	0.017	0.13	0.016	0.08	0.28	0.42
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/25/69-12/01/69	11	0.062	0.062	0.108	0.016	0.001	0.028	0.02	0.039	0.082	0.106
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	02/25/69-12/01/69	11	0.033	0.031	0.055	0.003	0.	0.014	0.006	0.02	0.036	0.052
00916	CALCIUM, TOTAL (MG/L AS CA)	02/25/69-12/01/69	11	25.	24.545	33.	15.	36.473	6.039	15.6	20.	31.	32.8
00927	MAGNESIUM, TOTAL (MG/L AS MG)	02/25/69-12/01/69	11	8.5	7.273	10.	3.	8.418	2.901	3.1	4.	10.	10.
00929	SODIUM, TOTAL (MG/L AS NA)	02/25/69-12/01/69	11	0.9	1.033	1.9	0.26	0.257	0.507	0.308	0.6	1.4	1.84
00937	POTASSIUM, TOTAL MG/L AS K)	02/25/69-12/01/69	11	1.5	1.564	3.7	0.2	0.879	0.937	0.32	0.9	2.1	3.4
00940	CHLORIDE,TOTAL IN WATER MG/L	02/25/69-12/01/69	11	4.	3.636	5.	3.	0.455	0.674	3.	3.	4.	4.8
00945	SULFATE, TOTAL (MG/L AS SO4)	02/25/69-12/01/69	11	12.	10.636	16.	5.	12.655	3.557	5.4	7.	13.	15.6
00951	FLUORIDE, TOTAL (MG/L AS F)	02/25/69-12/01/69	11	0.07	0.075	0.1	0.05	0.	0.015	0.052	0.06	0.09	0.098
00956	SILICA, TOTAL (MG/L AS SI02)	02/25/69-12/01/69	11	8.2	7.709	9.5	3.8	2.929	1.711	4.32	6.6	9.	9.44
01045	IRON, TOTAL (UG/L AS FE)	02/25/69-12/01/69	11	320.	334.545	550.	200.	12147.273	110.215	200.	250.	430.	530.
01046	IRON, DISSOLVED (UG/L AS FE)	02/25/69-12/01/69	11	80.	92.273	230.	25.	4941.818	70.298	25.	25.	130.	224.
01047	IRON, FERROUS (UG/L AS FE)	02/25/69-12/01/69	11 ##	25.	27.273	50.	25.	56.818	7.538	25.	25.	25.	45.
01055	MANGANESE, TOTAL (UG/L AS MN)	02/25/69-12/01/69	11	90.	87.273	150.	30.	1421.818	37.707	34.	50.	120.	146.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	02/25/69-12/01/69	11	30.	40.909	70.	20.	309.091	17.581	20.	30.	60.	68.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	02/25/69-12/01/69	11	2000.	2368.182	6400.	110.	3823656.364	1955.417	156.	500.	3900.	6040.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	02/25/69-12/01/69	11	3.301	3.163	3.806	2.041	0.288	0.537	2.139	2.699	3.591	3.777
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1456.566								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/25/69-12/01/69	11	90.	468.636	2700.	5.	675550.455	821.919	10.	30.	800.	2376.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0023

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/25/69-12/01/69	11	1.954	2.048	3.431	0.699	0.67	0.819	0.855	1.477	2.903	3.352
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			111.771								
46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	02/25/69-12/01/69	11	110.	91.727	120.	50.	650.418	25.503	52.2	64.	110.	118.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0023

				Total	Exceed	Prop.	----------6/01-10/31----------			----------11/01-2/29----------			----------3/01-5/31----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
00400	PH	Fresh Chronic	9.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
		Other-Lo Lim.	6.5	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
		Drinking Water	250.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	11	8	0.73	5	4	0.80	3	1	0.33	3	3	1.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	11	4	0.36	5	2	0.40	3	1	0.33	3	1	0.33			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0024

NPS Station ID: CHCH0024 LAT/LON: 34.905281/ -85.401392 Agency: 131TVAC Date Created: 07/18/81
Location: SOUTHWEST OF HINKLE ON GA RT. 170 BRIDGE FIPS State/County: 13295 GEORGIA/WALKER
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 130012
RMI-Indexes: 1021500 007720 00920 6140 0420 Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 012.80 006.55
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: TENNESSEE RIVER BASIN Elevation: 0 Water Body Id:
Minor Basin: ROCK CREEK 6.55 ECO Region:
RF1 Index: 06020001003 RF1 Mile Point: 11.060 Distance from RF1: 36.30 On/Off RF1: OFF
RF3 Index: 06020001125300.00 RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0024

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/17/81-07/17/81	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/17/81-07/17/81	1	25.5	25.5	25.5	25.5	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	07/17/81-07/17/81	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/17/81-07/17/81	1	280.	280.	280.	280.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/17/81-07/17/81	1	4.6	4.6	4.6	4.6	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/17/81-07/17/81	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/17/81-07/17/81	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/17/81-07/17/81	1	0.316	0.316	0.316	0.316	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/17/81-07/17/81	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	07/17/81-07/17/81	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00435	ACIDITY, TOTAL (MG/L AS CACO3)	07/17/81-07/17/81	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/17/81-07/17/81	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	07/17/81-07/17/81	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	07/17/81-07/17/81	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/17/81-07/17/81	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/17/81-07/17/81	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/17/81-07/17/81	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/17/81-07/17/81	1	100.	100.	100.	100.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/17/81-07/17/81	1	190.	190.	190.	190.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	07/17/81-07/17/81	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0024

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0024

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	1	0	0.00	1	0	0.00									
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0025

NPS Station ID: CHCH0025
LAT/LON: 34.905560/ -85.077504
Agency: 112WRD
Date Created: 11/07/81
Location: TIGER CREEK (SR 3) NEAR RINGGOLD, GA.
FIPS State/County: 13047 GEORGIA/CATOOSA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 03566670
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 06020001000711.90
RF3 Mile Point: 11.90
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0025

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/58-05/23/58	1	21.	21.	21.	21.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: CHCH0026

NPS Station ID: CHCH0026
LAT/LON: 34.906115/ -85.068615
Agency: 131TVAC
Date Created: / /
Location: GA HWY 2 BRIDGE
FIPS State/County: 13047 GEORGIA/CATOOSA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 120864
RMI-Indexes: 1021500 007720 00920 6180 0930
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 034.80 001.41
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: TIGER CREEK 1.41
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 0.20
On/Off RF1:
RF3 Index: 06020001001600.00
RF3 Mile Point: 0.05
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0026

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/25/69-12/04/69	11	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/25/69-12/04/69	11	13.3	14.127	21.7	5.6	32.764	5.724	6.14	8.8	20.6	21.58
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/25/69-12/04/69	11	20.	26.909	56.	14.	193.891	13.924	14.4	16.	37.	54.2
00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/25/69-12/04/69	11	8.	8.818	20.	1.	35.764	5.98	1.2	3.	15.	19.
00080	COLOR (PLATINUM-COBALT UNITS)	02/25/69-12/04/69	11	5.	7.273	20.	2.5	39.318	6.27	2.5	2.5	15.	19.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/25/69-12/04/69	11	320.	301.818	380.	220.	3416.364	58.45	220.	240.	340.	376.
00300	OXYGEN, DISSOLVED MG/L	02/25/69-12/04/69	11	9.1	9.182	11.4	7.6	2.344	1.531	7.62	7.7	10.9	11.32
00310	BOD, 5 DAY, 20 DEG C MG/L	02/25/69-12/04/69	11 ##	0.5	0.909	1.8	0.5	0.347	0.589	0.5	0.5	1.7	1.8
00400	PH (STANDARD UNITS)	02/25/69-12/04/69	11	7.8	7.764	8.	7.5	0.021	0.143	7.52	7.7	7.9	7.98
00400	CONVERTED PH (STANDARD UNITS)	02/25/69-12/04/69	11	7.8	7.742	8.	7.5	0.021	0.145	7.52	7.7	7.9	7.98
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/25/69-12/04/69	11	0.016	0.018	0.032	0.01	0.	0.006	0.011	0.013	0.02	0.03
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/25/69-12/04/69	11	110.	101.818	120.	67.	326.564	18.071	69.6	86.	120.	120.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	02/25/69-12/04/69	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00500	RESIDUE, TOTAL (MG/L)	02/25/69-12/04/69	11	220.	212.727	330.	130.	2941.818	54.239	132.	180.	240.	312.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	02/25/69-12/04/69	11	210.	195.455	240.	120.	1607.273	40.091	122.	180.	220.	240.
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	02/25/69-12/04/69	11	0.19	0.208	0.36	0.12	0.004	0.06	0.128	0.19	0.23	0.336
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/25/69-12/04/69	11 ##	0.005	0.011	0.03	0.005	0.	0.01	0.005	0.005	0.02	0.03
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	02/25/69-12/04/69	11	0.01	0.01	0.02	0.005	0.	0.006	0.005	0.005	0.01	0.02
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/25/69-12/04/69	11	0.15	0.175	0.32	0.03	0.01	0.099	0.034	0.1	0.25	0.316
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/25/69-12/04/69	11	0.029	0.031	0.068	0.007	0.	0.018	0.008	0.013	0.042	0.065
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	03/17/69-12/04/69	9	0.013	0.019	0.039	0.01	0.	0.009	0.01	0.013	0.025	0.039
00916	CALCIUM, TOTAL (MG/L AS CA)	02/25/69-12/04/69	11	34.	34.364	47.	21.	49.655	7.047	22.6	29.	39.	45.8
00927	MAGNESIUM, TOTAL (MG/L AS MG)	02/25/69-12/04/69	11	12.	11.136	15.	5.	14.605	3.822	5.3	7.	15.	15.
00929	SODIUM, TOTAL (MG/L AS NA)	02/25/69-12/04/69	11	0.9	0.945	1.5	0.3	0.157	0.396	0.34	0.7	1.3	1.5
00937	POTASSIUM, TOTAL MG/L AS K)	02/25/69-12/04/69	11	1.2	1.327	2.4	0.5	0.298	0.546	0.56	1.	1.6	2.32
00940	CHLORIDE,TOTAL IN WATER MG/L	02/25/69-12/04/69	11	4.	3.455	4.	2.	0.473	0.688	2.2	3.	4.	4.
00945	SULFATE, TOTAL (MG/L AS SO4)	02/25/69-12/04/69	11	50.	48.455	75.	5.	511.873	22.625	9.	27.	70.	75.
00951	FLUORIDE, TOTAL (MG/L AS F)	02/25/69-12/04/69	11	0.08	0.079	0.1	0.05	0.	0.018	0.052	0.06	0.1	0.1
00956	SILICA, TOTAL (MG/L AS SI02)	02/25/69-12/04/69	11	8.7	8.264	9.8	4.7	2.365	1.538	5.16	7.1	9.4	9.8
01045	IRON, TOTAL (UG/L AS FE)	02/25/69-12/04/69	11	160.	173.636	320.	50.	5165.455	71.871	64.	130.	220.	306.
01046	IRON, DISSOLVED (UG/L AS FE)	02/25/69-12/04/69	10	50.	68.	200.	25.	2656.667	51.543	25.	43.75	85.	190.
01047	IRON, FERROUS (UG/L AS FE)	02/25/69-12/04/69	11 ##	25.	25.	25.	25.	0.	0.	25.	25.	25.	25.
01055	MANGANESE, TOTAL (UG/L AS MN)	02/25/69-12/04/69	11	40.	63.636	150.	10.	2165.455	46.534	14.	30.	100.	148.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	02/25/69-12/04/69	10	30.	27.	50.	10.	156.667	12.517	10.	17.5	32.5	49.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	02/25/69-12/04/69	11	450.	1195.455	4300.	30.	2494367.273	1579.357	48.	120.	2500.	4200.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	02/25/69-12/04/69	11	2.653	2.633	3.633	1.477	0.504	0.71	1.598	2.079	3.398	3.623
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			429.866								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/25/69-12/04/69	11	70.	211.364	960.	5.	93140.455	305.189	6.	10.	350.	884.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0026

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/25/69-12/04/69	11	1.845	1.842	2.982	0.699	0.563	0.75	0.759	1.	2.544	2.939
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			69.521								
46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	02/25/69-12/04/69	11	140.	131.182	160.	73.	813.364	28.52	78.4	100.	150.	160.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0026

				Total	Exceed	Prop.	----------6/01-10/31----------			----------11/01-2/29----------			----------3/01-5/31----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
00400	PH	Fresh Chronic	9.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
		Other-Lo Lim.	6.5	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
		Drinking Water	250.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	11	3	0.27	5	2	0.40	3	0	0.00	3	1	0.33			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	11	3	0.27	5	2	0.40	3	0	0.00	3	1	0.33			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0027

NPS Station ID: CHCH0027
LAT/LON: 34.906670/ -85.229727
Agency: 131TVAC
Date Created: / /
Location: ALEXANDER BRIDGE
FIPS State/County: 13047 GEORGIA/CATOOSA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 120821
RMI-Indexes: 1021500 007720 00920 6180 0340
Within Park Boundary: Yes
RMI-Miles: 0953.80 0046.50 468.20 013.20 014.58
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: WEST CHICKAMAUGA CREEK 14.58
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 0.70
On/Off RF1:
RF3 Index: 06020001000712.20
RF3 Mile Point: 12.20
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0027

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/13/67-06/11/92	30	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/67-08/29/80	20	16.95	17.275	27.5	7.	34.298	5.856	8.96	12.05	22.8	23.93
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/18/72-10/18/72	1	71.	71.	71.	71.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/13/67-10/13/67	1	40.	40.	40.	40.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/17/80-08/29/80	4	295.	292.5	300.	280.	91.667	9.574	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/13/67-08/29/80	20	4.85	5.083	10.5	0.05	6.435	2.537	0.76	3.45	6.725	9.01
00303	BOD, 1DAY, 20 DEG C MG/L	10/18/72-10/18/72	3	1.2	1.033	1.4	0.5	0.223	0.473	**	**	**	**
00304	BOD, 2 DAY, 20 DEG C MG/L	10/13/67-10/18/72	4	2.45	2.475	2.8	2.2	0.062	0.25	**	**	**	**
00305	BOD, 3 DAY, 20 DEG C MG/L	10/18/72-10/18/72	3	3.2	3.267	3.5	3.1	0.043	0.208	**	**	**	**
00306	BOD, 4 DAY, 20 DEG C MG/L	10/18/72-10/18/72	3	4.2	4.167	4.4	3.9	0.063	0.252	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	10/13/67-08/29/80	7	4.2	3.986	10.	0.5	10.445	3.232	**	**	**	**
00400	PH (STANDARD UNITS)	10/13/67-08/29/80	5	7.5	7.64	8.8	7.	0.473	0.688	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/13/67-08/29/80	5	7.5	7.38	8.8	7.	0.558	0.747	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/13/67-08/29/80	5	0.032	0.042	0.1	0.002	0.001	0.037	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/17/80-08/29/80	4	120.	117.5	120.	110.	25.	5.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	07/17/80-08/29/80	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	10/18/72-08/29/80	5	0.54	0.508	0.84	0.27	0.052	0.228	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/18/72-08/29/80	5	0.07	0.074	0.1	0.05	0.	0.018	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/18/72-10/18/72	3	0.03	0.033	0.04	0.03	0.	0.006	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/18/72-10/18/72	3	0.68	0.67	0.72	0.61	0.003	0.056	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/30/80-08/29/80	2	0.36	0.36	0.4	0.32	0.003	0.057	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/30/80-08/29/80	2	0.525	0.525	0.6	0.45	0.011	0.106	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/17/80-07/30/80	2	7900.	7900.	9500.	6300.	5120000.	2262.742	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/17/80-07/30/80	2	3.889	3.889	3.978	3.799	0.016	0.126	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			7736.278								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/13/67-06/11/92	13	127.	729.538	7100.	50.	3701040.603	1923.809	55.6	76.	340.	4556.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/13/67-06/11/92	13	2.104	2.278	3.851	1.699	0.34	0.583	1.742	1.879	2.519	3.458
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			189.602								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0027

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	19 &	4	0.21	12	4	0.33	4	0	0.00	3	0	0.00			
00400	PH	Fresh Chronic	9.	5	0	0.00	5	0	0.00									
		Other-Lo Lim.	6.5	5	0	0.00	5	0	0.00									
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	3	0	0.00	3	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	3	0	0.00	3	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00	2	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	2	1.00	2	2	1.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	13	5	0.38	9	4	0.44				4	1	0.25			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 6/01 to 10/31 - Station CHCH0027

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/13/67-06/11/92	19	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/67-08/29/80	13	21.1	20.4	27.5	14.	16.132	4.016	14.8	16.1	23.15	26.1
00300	OXYGEN, DISSOLVED MG/L	10/13/67-08/29/80	13	4.5	4.035	6.5	0.05	4.049	2.012	0.23	3.1	5.85	6.26

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 2/29 - Station CHCH0027

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/13/67-06/11/92	4	1.	1.	1.	1.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/67-08/29/80	4	9.2	9.2	11.4	7.	3.287	1.813	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/13/67-08/29/80	4	5.5	6.425	10.5	4.2	8.882	2.98	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 3/01 to 5/31 - Station CHCH0027

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/13/67-06/11/92	7	1.	1.	1.	1.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/67-08/29/80	3	15.4	14.5	18.3	9.8	18.67	4.321	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/13/67-08/29/80	3	7.3	7.833	9.2	7.	1.423	1.193	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: CHCH0028

NPS Station ID: CHCH0028
LAT/LON: 34.910004/ -85.093616
Agency: 131TVAC
Date Created: / /
Location: 0.25 MILE ABOVE L&N RR BRIDGE
FIPS State/County: 13047 GEORGIA/CATOOSA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 120816
RMI-Indexes: 1021500 007720 00920 6180
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 033.50
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: SOUTH CHICKAMAUGA CREEK 33.50
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 06020001093700.78
RF3 Mile Point: 3.71
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/06/67-12/04/69	13	1.	0.846	1.	0.	0.141	0.376	0.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/06/67-12/04/69	13	17.2	15.354	23.3	5.3	36.664	6.055	6.46	9.2	20.8	23.1
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/25/69-12/04/69	11	53.	67.	131.	42.	942.2	30.695	42.6	46.	82.	128.2
00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/25/69-12/04/69	11	10.	14.	35.	2.	92.	9.592	2.8	6.	20.	33.
00080	COLOR (PLATINUM-COBALT UNITS)	09/06/67-12/04/69	13	10.	9.423	20.	2.5	25.16	5.016	3.5	5.	12.5	18.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/25/69-12/04/69	11	280.	257.273	310.	170.	2741.818	52.362	172.	210.	300.	310.
00300	OXYGEN, DISSOLVED MG/L	09/06/67-12/04/69	13	8.2	8.977	12.7	7.1	3.135	1.771	7.18	7.7	10.7	12.02
00304	BOD, 2 DAY, 20 DEG C MG/L	09/06/67-10/13/67	2 ##	1.95	1.95	3.4	0.5	4.205	2.051	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/06/67-12/04/69	13	1.	1.415	7.	0.5	3.01	1.735	0.5	0.5	1.35	4.96
00335	COD, .025N K2CR2O7 MG/L	02/25/69-12/04/69	11	10.	10.273	18.	4.	20.618	4.541	4.4	6.	14.	17.8
00400	PH (STANDARD UNITS)	09/06/67-12/04/69	13	7.7	7.7	8.1	7.1	0.065	0.255	7.22	7.6	7.85	8.06
00400	CONVERTED PH (STANDARD UNITS)	09/06/67-12/04/69	13	7.7	7.62	8.1	7.1	0.072	0.268	7.22	7.6	7.85	8.06
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/06/67-12/04/69	13	0.02	0.024	0.079	0.008	0.	0.019	0.009	0.014	0.025	0.064
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/25/69-12/04/69	11	109.	94.182	120.	59.	462.764	21.512	60.4	75.	110.	118.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	02/25/69-12/04/69	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00500	RESIDUE, TOTAL (MG/L)	09/06/67-10/13/67	2	165.	165.	170.	160.	50.	7.071	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/06/67-10/13/67	2	160.	160.	170.	150.	200.	14.142	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/14/69-08/11/69	3	2.3	2.967	5.9	0.7	7.093	2.663	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/06/67-12/04/69	12	2100.	6116.667	52000.	100.	211984078.788	14559.673	103.	325.	3575.	38200.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/06/67-12/04/69	12	3.322	3.134	4.716	2.	0.608	0.78	2.012	2.508	3.552	4.435
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1360.069								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/06/67-12/04/69	12	140.	496.667	3600.	40.	1017533.333	1008.729	40.	52.5	390.	2796.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/06/67-12/04/69	12	2.146	2.232	3.556	1.602	0.35	0.591	1.602	1.719	2.587	3.379
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			170.526								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0028

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	13	0	0.00	7	0	0.00	3	0	0.00	3	0	0.00			
00400	PH	Fresh Chronic	9.	13	0	0.00	7	0	0.00	3	0	0.00	3	0	0.00			
		Other-Lo Lim.	6.5	13	0	0.00	7	0	0.00	3	0	0.00	3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0028

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	12	7	0.58	6	5	0.83	3	0	0.00	3	2	0.67			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	12	4	0.33	7	2	0.29	3	1	0.33	2	1	0.50			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0029

NPS Station ID: CHCH0029
LAT/LON: 34.912781/ -85.118059
Agency: 131TVAC
Date Created: / /
Location: NEAR ANDERSON MEMORIAL GARDENS
FIPS State/County: 13047 GEORGIA/CATOOSA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 120859
RMI-Indexes: 1021500 007720 00920 6180 0820
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 031.60 000.01
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: LITTLE CHICKAMAUGA CREEK 0.01
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 1.60
On/Off RF1:
RF3 Index: 06020001001402.38
RF3 Mile Point: 2.47
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0029

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/25/69-12/04/69	11	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/25/69-12/04/69	11	16.7	14.818	21.7	5.6	37.41	6.116	6.1	8.6	21.1	21.58
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/25/69-12/04/69	11	73.	96.091	185.	69.	1670.691	40.874	69.4	71.	100.	181.2
00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/25/69-12/04/69	11	15.	12.727	30.	1.	66.418	8.15	1.4	6.	15.	28.
00080	COLOR (PLATINUM-COBALT UNITS)	02/25/69-12/04/69	11	5.	8.409	20.	2.5	50.341	7.095	2.5	2.5	15.	20.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/25/69-12/04/69	11	230.	231.818	270.	190.	716.364	26.765	190.	220.	250.	270.
00300	OXYGEN, DISSOLVED MG/L	02/25/69-12/04/69	11	8.6	9.245	12.3	7.5	2.245	1.498	7.56	8.1	10.3	11.9
00310	BOD, 5 DAY, 20 DEG C MG/L	02/25/69-12/04/69	11	1.	0.955	2.3	0.5	0.311	0.557	0.5	0.5	1.3	2.1
00335	COD, .025N K2CR2O7 MG/L	02/25/69-12/04/69	11	8.	8.227	16.	0.5	18.768	4.332	1.2	6.	12.	15.4
00400	PH (STANDARD UNITS)	02/25/69-12/04/69	11	7.8	7.845	8.	7.6	0.015	0.121	7.64	7.8	8.	8.
00400	CONVERTED PH (STANDARD UNITS)	02/25/69-12/04/69	11	7.8	7.83	8.	7.6	0.015	0.122	7.64	7.8	8.	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/25/69-12/04/69	11	0.016	0.015	0.025	0.01	0.	0.004	0.01	0.01	0.016	0.023
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/25/69-12/04/69	11	115.	108.545	120.	82.	203.473	14.264	82.8	98.	120.	120.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	02/25/69-12/04/69	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/14/69-08/11/69	3	2.	2.633	4.4	1.5	2.403	1.55	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	02/25/69-12/04/69	11	3000.	2930.909	7000.	170.	6342329.091	2518.398	176.	300.	5000.	6900.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	02/25/69-12/04/69	11	3.477	3.174	3.845	2.23	0.407	0.638	2.245	2.477	3.699	3.839
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1494.451								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/25/69-12/04/69	10	175.	255.	820.	30.	60161.111	245.278	32.	50.	387.5	779.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/25/69-12/04/69	10	2.243	2.202	2.914	1.477	0.224	0.474	1.499	1.699	2.588	2.884
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			159.348								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0029

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
00400	PH	Fresh Chronic	9.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
		Other-Lo Lim.	6.5	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	11	7	0.64	5	5	1.00	3	0	0.00	3	2	0.67			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	10	4	0.40	5	2	0.40	3	0	0.00	2	2	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0030

NPS Station ID: CHCH0030 LAT/LON: 34.913060/ -85.118615 Agency: 131TVAC Date Created: / /
Location: BRIDGE NEAR ANDERSON MEMORIAL GARDENS FIPS State/County: 13047 GEORGIA/CATOOSA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 120817
RMI-Indexes: 1021500 007720 00920 6180 Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 031.62
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: TENNESSEE RIVER BASIN Elevation: 0 Water Body Id:
Minor Basin: SOUTH CHICKAMAUGA CREEK 31.62 ECO Region:
RF1 Index: 06020001 RF1 Mile Point: 0.000 Distance from RF1: 1.60 On/Off RF1:
RF3 Index: 06020001001500.00 RF3 Mile Point: 0.59 Distance from RF3: 0.02 On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/06/67-12/04/69	13	1.	0.923	1.	0.	0.077	0.277	0.4	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/06/67-12/04/69	13	16.7	14.946	23.3	4.2	39.536	6.288	5.68	8.1	20.55	22.86
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/25/69-12/04/69	11	73.	96.091	185.	69.	1670.691	40.874	69.4	71.	100.	181.2
00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/25/69-12/04/69	11	10.	12.455	20.	2.	47.473	6.89	2.4	6.	20.	20.
00080	COLOR (PLATINUM-COBALT UNITS)	09/06/67-12/04/69	13	5.	8.423	20.	2.	41.702	6.458	2.2	2.5	12.5	20.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/25/69-12/04/69	11	260.	243.636	290.	180.	1505.455	38.8	182.	210.	270.	288.
00300	OXYGEN, DISSOLVED MG/L	09/06/67-12/04/69	13	9.	9.177	11.5	7.1	2.082	1.443	7.34	8.05	10.45	11.46
00304	BOD, 2 DAY, 20 DEG C MG/L	09/06/67-10/13/67	2 ##	1.05	1.05	1.6	0.5	0.605	0.778	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/06/67-12/04/69	13	1.1	1.915	10.	0.5	6.838	2.615	0.5	0.5	1.75	7.6
00335	COD, .025N K2CR2O7 MG/L	02/25/69-12/04/69	11	12.	14.909	36.	5.	75.491	8.689	5.6	10.	20.	33.4
00400	PH (STANDARD UNITS)	09/06/67-12/04/69	12	7.75	7.808	8.1	7.5	0.034	0.183	7.56	7.7	7.975	8.1
00400	CONVERTED PH (STANDARD UNITS)	09/06/67-12/04/69	12	7.747	7.775	8.1	7.5	0.035	0.187	7.56	7.7	7.975	8.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/06/67-12/04/69	12	0.018	0.017	0.032	0.008	0.	0.007	0.008	0.011	0.02	0.028
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/17/69-12/04/69	10	110.	102.	120.	67.	426.	20.64	67.9	79.	120.	120.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	03/17/69-12/04/69	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00500	RESIDUE, TOTAL (MG/L)	09/06/67-10/13/67	2	195.	195.	230.	160.	2450.	49.497	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/06/67-10/13/67	2	140.	140.	140.	140.	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/14/69-08/11/69	3	4.4	4.167	6.3	1.8	5.103	2.259	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/06/67-12/04/69	12	1950.	2561.667	9000.	110.	6983760.606	2642.681	131.	337.5	4075.	7860.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/06/67-12/04/69	12	3.286	3.108	3.954	2.041	0.383	0.619	2.106	2.521	3.608	3.883
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1282.69								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/06/67-12/04/69	13	240.	488.077	3450.	5.	830448.077	911.289	19.	50.	525.	2298.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/06/67-12/04/69	13	2.38	2.236	3.538	0.699	0.496	0.704	1.06	1.699	2.72	3.225
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			172.27								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0030

				Total	Exceed	Prop.	6/01-10/31			11/01-2/29			3/01-5/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	13	0	0.00	7	0	0.00	3	0	0.00	3	0	0.00			
00400	PH	Fresh Chronic	9.	12	0	0.00	7	0	0.00	2	0	0.00	3	0	0.00			
		Other-Lo Lim.	6.5	12	0	0.00	7	0	0.00	2	0	0.00	3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0030

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	12	8	0.67	6	5	0.83	3	1	0.33	3	2	0.67			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	13	8	0.62	7	5	0.71	3	1	0.33	3	2	0.67			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0031

NPS Station ID: CHCH0031
LAT/LON: 34.915282/ -85.123892
Agency: 131TVAC
Date Created: / /
Location: GA HWY 151 BRIDGE SW OF RINGGOLD
FIPS State/County: 13047 GEORGIA/CATOOSA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 120852
RMI-Indexes: 1021500 007720 00920 6180
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 031.27
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: SOUTH CHICKAMAUGA CREEK 31.27
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 0.40
On/Off RF1:
RF3 Index: 06020001001309.65
RF3 Mile Point: 10.14
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/25/69-12/04/69	11	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/25/69-12/04/69	11	16.7	15.073	23.3	4.7	44.108	6.641	5.36	8.1	21.7	23.08
00300	OXYGEN, DISSOLVED MG/L	02/25/69-12/04/69	11	8.2	9.109	11.8	7.	3.005	1.733	7.02	7.7	10.7	11.68
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	02/25/69-12/04/69	11	53000.	71672.727	200000.	1700.	3709440181.818	60905.174	4360.	21000.	113000.	185400.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	02/25/69-12/04/69	11	4.724	4.625	5.301	3.23	0.342	0.585	3.42	4.322	5.053	5.262
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			42129.403								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/25/69-12/04/69	11	3540.	6476.364	20000.	690.	41634965.455	6452.516	832.	1910.	8000.	19400.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/25/69-12/04/69	11	3.549	3.61	4.301	2.839	0.208	0.456	2.9	3.281	3.903	4.287
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4071.159								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0031

				Total	Exceed	Prop.	6/01-10/31			11/01-2/29			3/01-5/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	11	11	1.00	5	5	1.00	3	3	1.00	3	3	1.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	11	11	1.00	5	5	1.00	3	3	1.00	3	3	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0032

NPS Station ID: CHCH0032 LAT/LON: 34.918615/ -85.125559 Agency: 112WRD Date Created: / /
Location: SOUTH CHICKAMAUGA CREEK AT RINGGOLD, GA. FIPS State/County: 13047 GEORGIA/CATOOSA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 03566700
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 06020001013 RF1 Mile Point: 9.110 Distance from RF1: 0.50 On/Off RF1: ON
RF3 Index: 06020001001705.72 RF3 Mile Point: 5.94 Distance from RF3: 0.01 On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/25/74-06/25/74	1	19.5	19.5	19.5	19.5	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/29/60-12/12/60	8	1150.	954.375	1650.	185.	303581.696	550.982	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/17/71-06/17/71	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	05/23/58-06/25/74	3	5.	6.333	10.	4.	10.333	3.215	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/23/58-06/25/74	3	223.	234.333	270.	210.	996.333	31.565	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/25/74-06/25/74	1	8.7	8.7	8.7	8.7	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	06/17/71-06/17/71	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/23/58-06/25/74	3	7.8	7.7	8.	7.3	0.13	0.361	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/23/58-06/25/74	3	7.8	7.596	8.	7.3	0.146	0.382	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/58-06/25/74	3	0.016	0.025	0.05	0.01	0.	0.022	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	06/25/74-06/25/74	1	2.3	2.3	2.3	2.3	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/23/58-06/25/74	3	116.	110.	117.	97.	127.	11.269	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	05/23/58-06/25/74	2	129.5	129.5	141.	118.	264.5	16.263	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	05/23/58-06/25/74	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	06/17/71-06/17/71	1	176.	176.	176.	176.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/17/71-06/17/71	1	39.	39.	39.	39.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	06/25/74-06/25/74	1	0.58	0.58	0.58	0.58	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	06/25/74-06/25/74	1	0.19	0.19	0.19	0.19	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/25/74-06/25/74	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/17/71-06/25/74	2	0.035	0.035	0.04	0.03	0.	0.007	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/25/74-06/25/74	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	06/25/74-06/25/74	1	0.38	0.38	0.38	0.38	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/25/74-06/25/74	1	0.22	0.22	0.22	0.22	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/17/71-06/25/74	2	0.34	0.34	0.36	0.32	0.001	0.028	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/25/74-06/25/74	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/25/74-06/25/74	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/17/71-06/25/74	2	0.13	0.13	0.19	0.07	0.007	0.085	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/25/74-06/25/74	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/25/74-06/25/74	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/25/74-06/25/74	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	06/25/74-06/25/74	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/23/58-06/25/74	3	130.	126.667	140.	110.	233.333	15.275	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/23/58-06/25/74	2	18.	18.	22.	14.	32.	5.657	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/23/58-06/25/74	2	34.5	34.5	37.	32.	12.5	3.536	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	06/17/71-06/17/71	1	35.	35.	35.	35.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/23/58-06/25/74	2	9.15	9.15	11.	7.3	6.845	2.616	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/17/71-06/17/71	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	06/17/71-06/17/71	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/23/58-06/25/74	2	2.4	2.4	3.3	1.5	1.62	1.273	**	**	**	**
00931	SODIUM ADSORPTION RATIO	05/23/58-06/25/74	2	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	05/23/58-06/25/74	2	4.	4.	6.	2.	8.	2.828	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/23/58-06/25/74	2	0.95	0.95	1.1	0.8	0.045	0.212	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	06/17/71-06/17/71	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/23/58-06/25/74	3	2.	3.	5.	2.	3.	1.732	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	05/23/58-06/25/74	3	16.	20.	30.	14.	76.	8.718	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/23/58-06/25/74	2	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/23/58-06/25/74	2	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	06/25/74-06/25/74	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/25/74-06/25/74	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/25/74-06/25/74	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	06/25/74-06/25/74	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	06/17/71-06/17/71	1	400.	400.	400.	400.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	05/23/58-06/25/74	2 ##	12.5	12.5	20.	5.	112.5	10.607	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	06/25/74-06/25/74	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	06/17/71-06/17/71	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/25/74-06/25/74	1	50.	50.	50.	50.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	06/25/74-06/25/74	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	06/25/74-06/25/74	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	06/25/74-06/25/74	1	5.	5.	5.	5.	0.	0.	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/17/71-06/17/71	1	4300.	4300.	4300.	4300.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/17/71-06/17/71	1	3.633	3.633	3.633	3.633	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4300.								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/23/58-06/25/74	2	153.5	153.5	168.	139.	420.5	20.506	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	06/25/74-06/25/74	1	148.	148.	148.	148.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	05/23/58-06/25/74	2	0.21	0.21	0.23	0.19	0.001	0.028	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/25/74-06/25/74	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	06/25/74-06/25/74	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/23/58-06/25/74	2	1.	1.	1.7	0.3	0.98	0.99	**	**	**	**
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	06/25/74-06/25/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	05/23/58-05/23/58	1	120.	120.	120.	120.	0.	0.	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	06/25/74-06/25/74	1	2.6	2.6	2.6	2.6	0.	0.	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	06/25/74-06/25/74	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	11/29/60-04/02/61	18	227.	324.333	1120.	48.	85642.353	292.647	52.5	115.	533.75	860.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0032

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00400	PH	Fresh Chronic	9.	3	0	0.00	2	0	0.00				1	0	0.00			
		Other-Lo Lim.	6.5	3	0	0.00	2	0	0.00				1	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00	2	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	0	0.00	2	0	0.00				1	0	0.00			
		Drinking Water	250.	3	0	0.00	2	0	0.00				1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	3	0	0.00	2	0	0.00				1	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00	1	0	0.00				1	0	0.00			
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00	1	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0032

Parameter				Total	Exceed	Prop.	6/01-10/31			11/01-2/29			3/01-5/31			n/a		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	1	0	0.00	1	0	0.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	1	1	1.00	1	1	1.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	2	0	0.00	1	0	0.00				1	0	0.00			
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	1	0	0.00	1	0	0.00									
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0033

NPS Station ID: CHCH0033 LAT/LON: 34.918892/ -85.125837 Agency: 131TVAC Date Created: / /
Location: U.S. HWY 41 BRIDGE, 0.5 MILE WEST OF RINGGOLD FIPS State/County: 13047 GEORGIA/CATOOSA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 120851
RMI-Indexes: 1021500 007720 00920 6180 Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 030.52
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: TENNESSEE RIVER BASIN Elevation: 0 Water Body Id:
Minor Basin: SOUTH CHICKAMAUGA CREEK 30.52 ECO Region:
RF1 Index: 06020001 RF1 Mile Point: 0.000 Distance from RF1: 1.40 On/Off RF1:
RF3 Index: 06020001001306.27 RF3 Mile Point: 8.89 Distance from RF3: 0.04 On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/25/69-12/04/69	11	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/25/69-12/04/69	11	16.9	15.136	23.3	4.7	47.421	6.886	5.34	8.	21.7	23.3
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/25/69-12/04/69	11	76.	98.455	190.	71.	1758.673	41.937	71.2	73.	102.	186.
00300	OXYGEN, DISSOLVED MG/L	02/25/69-12/04/69	11	8.	8.827	11.7	6.8	2.98	1.726	6.8	7.3	10.4	11.46
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	02/25/69-12/04/69	11	43000.	64381.818	260000.	4200.	5698731636.364	75489.944	4720.	9200.	90000.	233400.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	02/25/69-12/04/69	11	4.633	4.525	5.415	3.623	0.317	0.563	3.665	3.964	4.954	5.353
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			33460.078								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/25/69-12/04/69	11	3600.	3718.182	7600.	100.	4955636.364	2226.126	420.	2100.	4700.	7520.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/25/69-12/04/69	11	3.556	3.423	3.881	2.	0.262	0.512	2.246	3.322	3.672	3.876
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2651.454								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0033

				Total	Exceed	Prop.	6/01-10/31			11/01-2/29			3/01-5/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	11	11	1.00	5	5	1.00	3	3	1.00	3	3	1.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	11	10	0.91	5	5	1.00	3	2	0.67	3	3	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0034

NPS Station ID: CHCH0034
LAT/LON: 34.918892/ -85.125837
Agency: 131TVAC
Date Created: 06/27/92
Location: HIGHWAY 41 BRIDGE AT RINGGOLD
FIPS State/County: 13047 GEORGIA/CATOOSA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 130075
RMI-Indexes: 1021500 007720 00920 6180
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 030.55
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: SOUTH CHICKAMAUGA CREEK 30.55
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 1.50
On/Off RF1:
RF3 Index: 06020001001301.44
RF3 Mile Point: 1.43
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/26/92-06/11/92	12	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/26/92-06/11/92	12	400.	2167.5	17100.	220.	22969202.273	4792.62	232.	295.	2120.	12840.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/26/92-06/11/92	12	2.602	2.841	4.233	2.342	0.326	0.571	2.364	2.47	3.269	4.002
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			693.515								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0034

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	12	12	1.00	7	7	1.00				5	5	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0035

NPS Station ID: CHCH0035 LAT/LON: 34.920309/ -85.343893 Agency: 11NPSWRD Date Created: 04/03/99
Location: GAWA554R FIPS State/County: 13295 GEORGIA/WALKER
Station Type: /TYPA/AMBNT/SPRING STORET Station ID(s): CHCH_NURE_24 /3019796
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: TENNESSEE RIVER Elevation: 0 Water Body Id:
Minor Basin: TENNESSEE R-MAIN STEM & MINOR TRIBS ECO Region:
RF1 Index: 06020001 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 06020001011302.01 RF3 Mile Point: 3.41 Distance from RF3: 0.11 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE FORT OGLETHORPE TN-GA 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THIS SITE IS AT A SPRING AND IS LOCATED OUTSIDE OF THE CHICKAMAUGA AND CHATTANOOGA NATIONAL MILITARY PARK BOUNDARIES. EACH SAMPLE WAS FILTERED THROUGH A LESS THAN OR EQUAL TO 0.8 UM FILTER AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATABASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K.D. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATABASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUNDWATER DATA. THE "UNIQID" ENTRY WAS USED TO CREATE THE SECONARY STATION NAME. THE "SRLID" (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) ENTRY WAS USED TO CREATE THE LOCATION. SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY RONDA BURNS; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FT. COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: CHCH0035

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/07/77-10/07/77	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/07/77-10/07/77	1	181.	181.	181.	181.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	10/07/77-10/07/77	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	10/07/77-10/07/77	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/77-10/07/77	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/07/77-10/07/77	1	50.	50.	50.	50.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/07/77-10/07/77	1	10.11	10.11	10.11	10.11	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/07/77-10/07/77	1	116.	116.	116.	116.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	10/07/77-10/07/77	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/07/77-10/07/77	1	54.	54.	54.	54.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	10/07/77-10/07/77	1	0.065	0.065	0.065	0.065	0.	0.	**	**	**	**
50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	10/07/77-10/07/77	1	5200.	5200.	5200.	5200.	0.	0.	**	**	**	**
82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	10/07/77-10/07/77	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0035

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0036

NPS Station ID: CHCH0036
LAT/LON: 34.923615/ -85.379170
Agency: 131TVAC
Date Created: 07/18/81
Location: TRIB. TO ROCK CR. 3.63 LULU LAKE ROAD
FIPS State/County: 13295 GEORGIA/WALKER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 130023
RMI-Indexes: 1021500 007720 00920 6140 0420 0100
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 012.80 003.63 000.05
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: GEBER BRANCH 0.05
ECO Region:
RF1 Index: 06020001003
RF1 Mile Point: 10.070
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 06020001126600.00
RF3 Mile Point: 1.40
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0036

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

***** Data for this station locked by controlling agency *****

Station Inventory for Station: CHCH0037

NPS Station ID: CHCH0037 LAT/LON: 34.923892/ -85.345559 Agency: 112WRD Date Created: 01/25/77
Location: CHATTANOOGA CREEK AT SR 341 NR FLINTSTONE, GA. FIPS State/County: 13295 GEORGIA/WALKER
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 03568300
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 06020001 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 06020001097501.83 RF3 Mile Point: 2.66 Distance from RF3: 0.04 On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/26/76-09/01/81	11	16.	17.091	24.	5.	33.341	5.774	6.1	14.5	22.	23.7
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/26/76-09/01/81	10	19.5	22.2	70.	2.	470.622	21.694	2.2	4.	33.	67.5
00080	COLOR (PLATINUM-COBALT UNITS)	08/26/76-04/28/77	2	2.5	2.5	5.	0.	12.5	3.536	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/26/76-09/01/81	11	215.	215.364	255.	170.	665.055	25.789	174.4	200.	240.	253.2
00300	OXYGEN, DISSOLVED MG/L	08/26/76-09/01/81	11	8.6	8.555	12.5	5.6	3.955	1.989	5.78	6.5	10.	12.04
00400	PH (STANDARD UNITS)	08/26/76-09/01/81	11	7.8	7.764	7.9	7.5	0.015	0.121	7.52	7.7	7.8	7.9
00400	CONVERTED PH (STANDARD UNITS)	08/26/76-09/01/81	11	7.8	7.747	7.9	7.5	0.015	0.122	7.52	7.7	7.8	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/26/76-09/01/81	11	0.016	0.018	0.032	0.013	0.	0.006	0.013	0.016	0.02	0.03
00403	PH, LAB, STANDARD UNITS SU	04/15/81-09/01/81	2	7.9	7.9	8.	7.8	0.02	0.141	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	04/15/81-09/01/81	2	7.889	7.889	8.	7.8	0.02	0.142	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/15/81-09/01/81	2	0.013	0.013	0.016	0.01	0.	0.004	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/26/76-08/20/80	8	3.8	10.625	59.	0.2	387.125	19.675	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/26/76-09/01/81	11	120.	103.909	129.	8.	1211.091	34.801	23.	100.	125.	128.4
00435	ACIDITY, TOTAL (MG/L AS CACO3)	08/26/76-08/22/79	5	0.	0.	0.	0.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/26/76-04/28/77	2	143.5	143.5	157.	130.	364.5	19.092	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/26/76-04/28/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	08/26/76-04/28/77	2	0.385	0.385	0.39	0.38	0.	0.007	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/26/76-04/28/77	2	0.13	0.13	0.14	0.12	0.	0.014	**	**	**	**
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	08/26/76-04/28/77	2	0.115	0.115	0.12	0.11	0.	0.007	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/26/76-04/28/77	2	0.025	0.025	0.04	0.01	0.	0.021	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/26/76-04/28/77	2	0.015	0.015	0.02	0.01	0.	0.007	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/26/76-04/28/77	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/26/76-04/28/77	2	0.235	0.235	0.24	0.23	0.	0.007	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	08/26/76-04/28/77	2	0.14	0.14	0.16	0.12	0.001	0.028	**	**	**	**
00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	08/26/76-04/28/77	2	0.005	0.005	0.01	0.	0.	0.007	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/26/76-04/28/77	2	0.145	0.145	0.16	0.13	0.	0.021	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/26/76-04/28/77	2	0.24	0.24	0.25	0.23	0.	0.014	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/26/76-05/21/80	4	0.25	0.3	0.5	0.2	0.02	0.141	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/26/76-04/28/77	2	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/26/76-04/28/77	2	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/26/76-04/28/77	2	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/26/76-04/28/77	2	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/26/76-04/28/77	2	4.5	4.5	4.8	4.2	0.18	0.424	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/26/76-08/26/76	1	4.3	4.3	4.3	4.3	0.	0.	**	**	**	**
00686	CARBON, INORGANIC, IN BED MATERIAL (GM/KG AS C)	05/10/79-05/10/79	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00687	CARBON, ORGANIC, IN BED MATERIAL (GM/KG AS C)	05/10/79-05/10/79	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
00693	CARBON, ORGANIC+INORG.-BOTTOM MAT. (GM/KG)	05/10/79-05/10/79	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/26/76-05/21/80	4	115.	114.25	140.	87.	485.583	22.036	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/26/76-05/21/80	4	6.	8.25	17.	4.	34.917	5.909	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/26/76-05/21/80	4	38.	37.5	44.	30.	35.667	5.972	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/26/76-05/21/80	4	4.8	4.675	6.1	3.	2.163	1.471	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/26/76-05/21/80	4	1.45	1.425	1.6	1.2	0.029	0.171	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/26/76-05/21/80	4	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	08/26/76-05/21/80	4	3.	2.75	3.	2.	0.25	0.5	**	**	**	**
00933	SODIUM,PLUS POTASSIUM (MG/L)	08/01/79-08/01/79	1	2.3	2.3	2.3	2.3	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/26/76-05/21/80	4	0.9	0.9	1.2	0.6	0.06	0.245	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/26/76-05/21/80	4	2.	2.	2.	2.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/26/76-09/01/81	11	6.	5.818	9.	5.	1.364	1.168	5.	5.	6.	8.4
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/26/76-05/21/80	4	0.1	0.087	0.1	0.05	0.001	0.025	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/26/76-05/21/80	4	6.45	6.325	6.9	5.5	0.429	0.655	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/26/76-04/28/77	2	1.	1.	1.	1.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	08/01/79-05/21/80	2 ##	0.25	0.25	0.5	0.	0.125	0.354	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	05/10/79-05/10/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/26/76-04/28/77	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	08/01/79-05/21/80	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/10/79-05/10/79	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/10/79-05/10/79	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/26/76-04/28/77	2 ##	5.	5.	10.	0.	50.	7.071	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/01/79-05/21/80	2 ##	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	05/10/79-05/10/79	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	08/26/76-04/28/77	2 ##	2.	2.	4.	0.	8.	2.828	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/01/79-05/21/80	2	3.	3.	5.	1.	8.	2.828	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	05/10/79-05/10/79	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01044	IRON, SUSPENDED (UG/L AS FE)	04/24/79-09/01/81	7	230.	268.571	520.	150.	15247.619	123.481	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	08/26/76-09/01/81	11	300.	341.818	580.	220.	16076.364	126.793	222.	240.	400.	576.
01046	IRON, DISSOLVED (UG/L AS FE)	08/26/76-09/01/81	9	40.	43.333	80.	10.	425.	20.616	10.	30.	55.	80.
01049	LEAD, DISSOLVED (UG/L AS PB)	08/26/76-04/28/77	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	08/01/79-05/21/80	2	5.5	5.5	10.	1.	40.5	6.364	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	05/10/79-05/10/79	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	05/10/79-05/10/79	1	530.	530.	530.	530.	0.	0.	**	**	**	**
01054	MANGANESE, SUSPENDED (UG/L AS MN)	04/24/79-09/01/81	7	10.	12.857	50.	0.	290.476	17.043	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	08/26/76-09/01/81	11	40.	47.273	120.	20.	701.818	26.492	22.	30.	50.	108.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/26/76-09/01/81	8	35.	35.	70.	20.	285.714	16.903	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/26/76-04/28/77	2 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/01/79-05/21/80	2	15.	15.	20.	10.	50.	7.071	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	05/10/79-05/10/79	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	08/01/79-05/21/80	2	1135.	1135.	2200.	70.	2268450.	1506.137	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/26/76-04/28/77	2	55.	55.	80.	30.	1250.	35.355	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	04/28/77-04/28/77	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	08/01/79-05/21/80	2 ##	0.25	0.25	0.5	0.	0.125	0.354	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	05/10/79-05/10/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	05/10/79-05/10/79	1	9700.	9700.	9700.	9700.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/26/76-09/01/81	11	126.	129.636	158.	105.	283.255	16.83	105.4	119.	142.	157.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/26/76-05/21/80	4	122.5	122.5	145.	100.	351.	18.735	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	08/26/76-09/01/81	10	6.4	6.893	19.8	0.66	38.452	6.201	0.685	1.225	10.593	19.12
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/26/76-09/01/81	11	0.17	0.175	0.21	0.14	0.	0.022	0.142	0.16	0.19	0.21
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	04/24/79-08/22/79	3	100.	100.	100.	100.	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/26/76-08/26/76	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
71825	ACIDITY, TOTAL (MG/L AS H)	08/26/76-08/22/79	5 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	04/28/77-04/28/77	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/26/76-04/28/77	2	0.03	0.03	0.05	0.01	0.001	0.028	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/26/76-04/28/77	2	1.05	1.05	1.1	1.	0.005	0.071	**	**	**	**
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	08/26/76-04/28/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	08/26/76-04/28/77	2	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	08/26/76-04/28/77	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	08/01/79-05/21/80	2 ##	0.225	0.225	0.25	0.2	0.001	0.035	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	05/10/79-05/10/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	04/24/79-09/01/81	8	11.5	12.375	24.	4.	40.839	6.391	**	**	**	**
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	04/24/79-09/01/81	8	0.55	1.05	4.5	0.1	2.145	1.465	**	**	**	**
80166	BED MATERIAL SIEVE DIAMETER,% FINER THAN .250MM	05/10/79-05/10/79	1	2.	2.	2.	2.	0.	0.	**	**	**	**
80167	BED MATERIAL SIEVE DIAMETER,% FINER THAN .500MM	05/10/79-05/10/79	1	14.	14.	14.	14.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
80168	BED MATERIAL SIEVE DIAMETER,% FINER THAN 1.00MM	05/10/79-05/10/79	1	23.	23.	23.	23.	0.	0.	**	**	**	**
80169	BED MATERIAL SIEVE DIAMETER,% FINER THAN 2.00MM	05/10/79-05/10/79	1	31.	31.	31.	31.	0.	0.	**	**	**	**
80170	BED MATERIAL SIEVE DIAMETER,% FINER THAN 4.00MM	05/10/79-05/10/79	1	46.	46.	46.	46.	0.	0.	**	**	**	**
80171	BED MATERIAL SIEVE DIAMETER,% FINER THAN 8.00MM	05/10/79-05/10/79	1	73.	73.	73.	73.	0.	0.	**	**	**	**
80172	BED MATERIAL SIEVE DIAMETER,% FINER THAN 16.0MM	05/10/79-05/10/79	1	100.	100.	100.	100.	0.	0.	**	**	**	**
82031	COAL IN BOTTOM MATERIAL DRY WEIGHT GRAMS/KG	09/01/81-09/01/81	1	4.	4.	4.	4.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0037

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	11	0	0.00	5	0	0.00	2	0	0.00	4	0	0.00			
00400	PH	Fresh Chronic	9.	11	0	0.00	5	0	0.00	2	0	0.00	4	0	0.00			
		Other-Lo Lim.	6.5	11	0	0.00	5	0	0.00	2	0	0.00	4	0	0.00			
00403	PH, LAB	Fresh Chronic	9.	2	0	0.00	1	0	0.00				1	0	0.00			
		Other-Lo Lim.	6.5	2	0	0.00	1	0	0.00				1	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	2	0	0.00	1	0	0.00				1	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	2	0	0.00	1	0	0.00				1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00	1	0	0.00				1	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	4	0	0.00	2	0	0.00				2	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	4	0	0.00	2	0	0.00				2	0	0.00			
		Drinking Water	250.	4	0	0.00	2	0	0.00				2	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	11	0	0.00	5	0	0.00	2	0	0.00	4	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	4	0	0.00	2	0	0.00				2	0	0.00			
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	50.	2	0	0.00	1	0	0.00				1	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	50.	2	0	0.00	1	0	0.00				1	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	5.	2	0	0.00	1	0	0.00				1	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	5.	2	0	0.00	1	0	0.00				1	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	2	0	0.00	1	0	0.00				1	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	2	0	0.00	1	0	0.00				1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	1300.	2	0	0.00	1	0	0.00				1	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	1300.	2	0	0.00	1	0	0.00				1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	15.	2	0	0.00	1	0	0.00				1	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	15.	2	0	0.00	1	0	0.00				1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	5000.	2	0	0.00	1	0	0.00				1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	5000.	2	0	0.00	1	0	0.00				1	0	0.00			
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	50.	2	0	0.00	1	0	0.00				1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	2	0	0.00	1	0	0.00				1	0	0.00			
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	2	0	0.00	1	0	0.00				1	0	0.00			
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	2.	2	0	0.00	1	0	0.00				1	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	2.	2	0	0.00	1	0	0.00				1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0038

NPS Station ID: CHCH0038 LAT/LON: 34.924171/ -85.345559 Agency: 131TVAC Date Created: / /
Location: GEORGIA HWY 341 BRIDGE 1.3 MILES S OF FLINTSTONE FIPS State/County: 13295 GEORGIA/WALKER
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 120868
RMI-Indexes: 1021500 007720 00920 6140 Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 015.80
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: TENNESSEE RIVER BASIN Elevation: 0 Water Body Id:
Minor Basin: CHATTANOOGA CREEK 15.80 ECO Region:
RF1 Index: 06020001 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 06020001127201.15 RF3 Mile Point: 1.14 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/27/69-12/03/69	12	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/27/69-12/03/69	12	13.95	13.933	23.9	5.5	35.21	5.934	5.86	8.975	18.875	23.06
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/27/69-12/03/69	12	3.5	22.75	125.	2.	1256.023	35.44	2.	3.	33.25	100.4
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/27/69-12/03/69	12	9.5	8.917	15.	3.	19.72	4.441	3.3	4.25	13.75	15.
00080	COLOR (PLATINUM-COBALT UNITS)	01/27/69-12/03/69	12	7.5	9.375	20.	2.5	31.96	5.653	3.25	5.	15.	18.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/27/69-12/03/69	12	250.	250.833	350.	180.	2044.697	45.218	189.	220.	277.5	335.
00300	OXYGEN, DISSOLVED MG/L	01/27/69-12/03/69	12	9.4	9.083	12.	6.6	3.525	1.878	6.69	7.225	10.55	11.91
00310	BOD, 5 DAY, 20 DEG C MG/L	01/27/69-12/03/69	12	1.45	1.9	7.4	0.5	3.293	1.815	0.5	1.15	1.925	5.9
00400	PH (STANDARD UNITS)	01/27/69-12/03/69	12	7.7	7.733	7.9	7.6	0.01	0.098	7.6	7.7	7.8	7.9
00400	CONVERTED PH (STANDARD UNITS)	01/27/69-12/03/69	12	7.7	7.723	7.9	7.6	0.01	0.099	7.6	7.7	7.8	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/27/69-12/03/69	12	0.02	0.019	0.025	0.013	0.	0.004	0.013	0.016	0.02	0.025
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/27/69-12/03/69	12	110.	110.333	140.	73.	539.879	23.235	77.5	89.25	137.5	140.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/27/69-12/03/69	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00500	RESIDUE, TOTAL (MG/L)	01/27/69-12/03/69	11	160.	162.727	230.	130.	721.818	26.867	132.	140.	170.	220.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/27/69-12/03/69	11	150.	148.182	180.	120.	356.364	18.878	120.	130.	160.	176.
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/27/69-12/03/69	11	0.22	0.253	0.5	0.145	0.01	0.102	0.15	0.18	0.32	0.468
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/27/69-12/03/69	11 ##	0.005	0.018	0.12	0.005	0.001	0.034	0.005	0.005	0.02	0.1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/27/69-12/03/69	11 ##	0.005	0.007	0.01	0.005	0.	0.003	0.005	0.005	0.01	0.01
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/27/69-12/03/69	11	0.17	0.177	0.37	0.05	0.009	0.096	0.056	0.09	0.22	0.352
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/27/69-12/03/69	11	0.036	0.039	0.088	0.016	0.	0.021	0.017	0.023	0.049	0.081
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/27/69-12/03/69	9	0.029	0.026	0.055	0.007	0.	0.017	0.007	0.012	0.039	0.055
00916	CALCIUM, TOTAL (MG/L AS CA)	01/27/69-12/03/69	11	35.	36.364	45.	27.	33.455	5.784	27.6	32.	43.	44.6
00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/27/69-12/03/69	11	5.	5.091	8.	2.5	3.941	1.985	2.6	3.	7.	7.8
00929	SODIUM, TOTAL (MG/L AS NA)	01/27/69-12/03/69	11	0.8	0.927	1.3	0.5	0.062	0.249	0.54	0.8	1.2	1.28
00937	POTASSIUM, TOTAL MG/L AS K)	01/27/69-12/03/69	11	1.	1.164	1.6	0.7	0.113	0.335	0.72	0.9	1.6	1.6
00940	CHLORIDE,TOTAL IN WATER MG/L	01/27/69-12/03/69	11	3.	3.818	6.	3.	1.164	1.079	3.	3.	5.	5.8
00945	SULFATE, TOTAL (MG/L AS SO4)	01/27/69-12/03/69	11	7.	7.455	13.	3.	9.473	3.078	3.4	5.	11.	12.6
00951	FLUORIDE, TOTAL (MG/L AS F)	01/27/69-12/03/69	11	0.07	0.07	0.1	0.04	0.	0.015	0.044	0.06	0.08	0.096
00956	SILICA, TOTAL (MG/L AS SI02)	01/27/69-12/03/69	11	6.4	6.327	7.9	3.8	1.288	1.135	4.14	5.6	7.	7.86
01045	IRON, TOTAL (UG/L AS FE)	01/27/69-12/03/69	11	200.	441.818	2500.	70.	483496.364	695.339	72.	150.	450.	2090.
01046	IRON, DISSOLVED (UG/L AS FE)	01/27/69-12/03/69	11	50.	73.636	250.	25.	4615.455	67.937	25.	25.	100.	226.
01047	IRON, FERROUS (UG/L AS FE)	01/27/69-12/03/69	11 ##	25.	31.818	100.	25.	511.364	22.613	25.	25.	25.	85.
01055	MANGANESE, TOTAL (UG/L AS MN)	01/27/69-12/03/69	11	50.	56.364	120.	30.	825.455	28.731	30.	40.	60.	116.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	01/27/69-12/03/69	10	35.	36.	60.	10.	293.333	17.127	11.	20.	52.5	60.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/18/69-12/03/69	10	2900.	6910.	45000.	350.	183324888.889	13539.752	350.	612.5	5525.	41090.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/18/69-12/03/69	10	3.445	3.375	4.653	2.544	0.415	0.644	2.544	2.77	3.742	4.565
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2371.096								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/27/69-12/03/69	12	290.	929.167	7000.	80.	3782462.879	1944.855	80.	95.	772.5	5278.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/27/69-12/03/69	12	2.462	2.518	3.845	1.903	0.332	0.576	1.903	1.964	2.88	3.622
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			329.249								
46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	01/27/69-12/03/69	11	110.	111.636	140.	78.	468.855	21.653	79.8	96.	130.	140.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0038

				Total	Exceed	Prop.	----------6/01-10/31----------			----------11/01-2/29----------			----------3/01-5/31----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	12	0	0.00	5	0	0.00	4	0	0.00	3	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	12	0	0.00	5	0	0.00	4	0	0.00	3	0	0.00			
00400	PH	Fresh Chronic	9.	12	0	0.00	5	0	0.00	4	0	0.00	3	0	0.00			
		Other-Lo Lim.	6.5	12	0	0.00	5	0	0.00	4	0	0.00	3	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	11	0	0.00	4	0	0.00	4	0	0.00	3	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	11	0	0.00	4	0	0.00	4	0	0.00	3	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	11	0	0.00	4	0	0.00	4	0	0.00	3	0	0.00			
		Drinking Water	250.	11	0	0.00	4	0	0.00	4	0	0.00	3	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	11	0	0.00	4	0	0.00	4	0	0.00	3	0	0.00			
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	11	0	0.00	4	0	0.00	4	0	0.00	3	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	10	7	0.70	5	5	1.00	2	1	0.50	3	1	0.33			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	12	7	0.58	5	4	0.80	4	1	0.25	3	2	0.67			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0039

NPS Station ID: CHCH0039 | LAT/LON: 34.924809/ -85.163392 | Agency: 11NPSWRD | Date Created: 04/03/99
Location: GACS523R | FIPS State/County: 13047 GEORGIA/CATOOSA
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): CHCH_NURE_19 /3015765
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 06020001 | Depth of Water: 0 | Aquifer:
Major Basin: TENNESSEE RIVER | Elevation: 0 | Water Body Id:
Minor Basin: TENNESSEE R-MAIN STEM & MINOR TRIBS | ECO Region:
RF1 Index: 06020001 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 06020001011302.01 | RF3 Mile Point: 3.41 | Distance from RF3: 0.11 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE EAST RIDGE TN-GA 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THIS SITE IS AT A SPRING AND IS LOCATED OUTSIDE OF THE CHICKAMAUGA AND CHATTANOOGA NATIONAL MILITARY PARK BOUNDARIES. EACH SAMPLE WAS FILTERED THROUGH A LESS THAN OR EQUAL TO 0.8 UM FILTER AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATABASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K.D. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATABASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUNDWATER DATA. THE "UNIQID" ENTRY WAS USED TO CREATE THE SECONARY STATION NAME. THE "SRLID" (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) ENTRY WAS USED TO CREATE THE LOCATION. SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY RONDA BURNS; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FT. COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: CHCH0039

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/77-09/27/77	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/27/77-09/27/77	1	175.	175.	175.	175.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	09/27/77-09/27/77	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	09/27/77-09/27/77	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/27/77-09/27/77	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/27/77-09/27/77	1	70.	70.	70.	70.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/27/77-09/27/77	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/27/77-09/27/77	1	1.51	1.51	1.51	1.51	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	09/27/77-09/27/77	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/27/77-09/27/77	1	34.	34.	34.	34.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/27/77-09/27/77	1	0.438	0.438	0.438	0.438	0.	0.	**	**	**	**
50700	FLUORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	09/27/77-09/27/77	1	9.	9.	9.	9.	0.	0.	**	**	**	**
50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	09/27/77-09/27/77	1	3600.	3600.	3600.	3600.	0.	0.	**	**	**	**
50761	BROMINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	09/27/77-09/27/77	1	10.	10.	10.	10.	0.	0.	**	**	**	**
82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	09/27/77-09/27/77	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0039

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0040

NPS Station ID: CHCH0040
LAT/LON: 34.930005/ -85.217781
Agency: 131TVAC
Date Created: / /
Location: REED BRIDGE
FIPS State/County: 13047 GEORGIA/CATOOSA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 120820
RMI-Indexes: 1021500 007720 00920 6180 0340
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 013.20 011.09
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: WEST CHICKAMAUGA CREEK 11.09
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 1.40
On/Off RF1:
RF3 Index: 06020001000711.94
RF3 Mile Point: 12.82
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0040

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/06/67-08/29/80	19	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/06/67-08/29/80	19	17.8	17.432	27.	7.	35.752	5.979	8.9	11.4	23.	23.9
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/28/69-12/01/69	12	52.5	365.75	1650.	41.	358944.932	599.12	42.8	48.25	313.75	1638.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/28/69-12/01/69	12	7.	21.667	100.	3.	1345.152	36.676	3.	3.25	10.	100.
00080	COLOR (PLATINUM-COBALT UNITS)	09/06/67-12/01/69	14	17.5	23.214	100.	2.5	659.066	25.672	2.5	5.	30.	75.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/28/69-08/29/80	16	280.	275.625	390.	130.	4652.917	68.212	158.	242.5	325.	369.
00300	OXYGEN, DISSOLVED MG/L	09/06/67-08/29/80	19	5.	4.734	10.7	0.05	8.345	2.889	0.7	2.2	6.7	8.9
00303	BOD, 1DAY, 20 DEG C MG/L	10/18/72-10/18/72	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00304	BOD, 2 DAY, 20 DEG C MG/L	09/06/67-10/18/72	3 ##	0.5	1.133	2.4	0.5	1.203	1.097	**	**	**	**
00305	BOD, 3 DAY, 20 DEG C MG/L	10/18/72-10/18/72	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00306	BOD, 4 DAY, 20 DEG C MG/L	10/18/72-10/18/72	1	3.7	3.7	3.7	3.7	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/06/67-08/29/80	18	2.4	2.694	8.	0.5	3.155	1.776	0.5	1.675	3.475	5.12
00335	COD, .025N K2CR2O7 MG/L	01/28/69-12/01/69	12	18.5	24.083	55.	8.	226.083	15.036	8.6	12.25	35.25	52.
00400	PH (STANDARD UNITS)	09/06/67-08/29/80	18	7.5	7.583	8.7	6.9	0.141	0.376	7.26	7.3	7.8	7.98
00400	CONVERTED PH (STANDARD UNITS)	09/06/67-08/29/80	18	7.5	7.462	8.7	6.9	0.157	0.396	7.26	7.3	7.8	7.98
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/06/67-08/29/80	18	0.032	0.035	0.126	0.002	0.001	0.027	0.012	0.016	0.05	0.058
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/28/69-08/29/80	16	120.	114.063	180.	42.	1041.929	32.279	54.6	99.75	120.	159.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/28/69-08/29/80	16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00500	RESIDUE, TOTAL (MG/L)	09/06/67-10/13/67	2	195.	195.	230.	160.	2450.	49.497	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/06/67-10/13/67	2	175.	175.	210.	140.	2450.	49.497	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	10/18/72-08/29/80	3	0.27	0.373	0.59	0.26	0.035	0.188	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/18/72-08/29/80	3	0.06	0.057	0.07	0.04	0.	0.015	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/18/72-10/18/72	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/18/72-10/18/72	1	0.67	0.67	0.67	0.67	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/30/80-08/29/80	2	0.33	0.33	0.34	0.32	0.	0.014	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/30/80-08/29/80	2	0.465	0.465	0.5	0.43	0.002	0.049	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/19/69-08/04/69	4	9.6	10.175	17.7	3.8	41.283	6.425	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/04/69-08/04/69	1	9.	9.	9.	9.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/06/67-07/30/80	14	5550.	7323.571	27000.	140.	59566609.341	7717.941	265.	700.	13050.	21000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/06/67-07/30/80	14	3.731	3.512	4.431	2.146	0.492	0.702	2.369	2.828	4.114	4.304
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3248.192								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/06/67-07/30/80	16	235.	1478.438	10500.	5.	8525939.063	2919.921	22.5	57.5	902.5	7490.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/06/67-07/30/80	16	2.359	2.435	4.021	0.699	0.771	0.878	1.244	1.75	2.951	3.861
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			271.97								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0040

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	12	2	0.17	5	0	0.00	4	0	0.00	3	2	0.67			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	18 &	7	0.39	11	5	0.45	4	2	0.50	3	0	0.00			
00400	PH	Fresh Chronic	9.	18	0	0.00	11	0	0.00	4	0	0.00	3	0	0.00			
		Other-Lo Lim.	6.5	18	0	0.00	11	0	0.00	4	0	0.00	3	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00	2	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	14	10	0.71	8	5	0.63	3	2	0.67	3	3	1.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	16	8	0.50	9	2	0.22	4	3	0.75	3	3	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 6/01 to 10/31 - Station CHCH0040

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/06/67-08/29/80	12	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/06/67-08/29/80	12	21.65	20.942	27.	14.	13.434	3.665	14.81	17.55	23.375	26.07
00300	OXYGEN, DISSOLVED MG/L	09/06/67-08/29/80	12	4.1	3.763	6.7	0.05	4.912	2.216	0.245	1.675	5.7	6.55
00310	BOD, 5 DAY, 20 DEG C MG/L	09/06/67-08/29/80	11	2.1	2.555	8.	0.5	4.665	2.16	0.5	1.	3.4	7.26

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 2/29 - Station CHCH0040

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/06/67-08/29/80	4	1.	1.	1.	1.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/06/67-08/29/80	4	9.1	9.15	11.4	7.	3.257	1.805	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/06/67-08/29/80	4	4.95	5.575	10.7	1.7	18.703	4.325	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/06/67-08/29/80	4	2.7	2.775	3.7	2.	0.596	0.772	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 3/01 to 5/31 - Station CHCH0040

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/06/67-08/29/80	3	1.	1.	1.	1.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/06/67-08/29/80	3	15.9	14.433	17.8	9.6	18.423	4.292	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/06/67-08/29/80	3	6.9	7.5	8.9	6.7	1.48	1.217	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/06/67-08/29/80	3	2.5	3.1	4.8	2.	2.23	1.493	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: CHCH0041

NPS Station ID: CHCH0041
LAT/LON: 34.935837/ -85.120281
Agency: 131TVAC
Date Created: / /
Location: 1 MILE NORTH OF RINGGOLD
FIPS State/County: 13047 GEORGIA/CATOOSA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 120850
RMI-Indexes: 1021500 007720 00920 6180
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 027.40
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: SOUTH CHICKAMAUGA CREEK 27.40
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 17.10
On/Off RF1:
RF3 Index: 06020001094000.60
RF3 Mile Point: 0.61
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/25/69-12/04/69	11	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/25/69-12/04/69	11	17.8	15.745	25.	5.3	51.367	7.167	5.8	7.9	23.3	24.66
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/25/69-12/04/69	11	80.	102.273	193.	72.	1807.218	42.511	72.4	75.	117.	189.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/25/69-12/04/69	11	15.	15.727	30.	2.	84.418	9.188	2.6	6.	25.	29.
00080	COLOR (PLATINUM-COBALT UNITS)	02/25/69-12/04/69	11	10.	10.227	20.	2.5	45.568	6.75	3.	5.	20.	20.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/25/69-12/04/69	11	270.	250.	300.	180.	1780.	42.19	182.	220.	290.	298.
00300	OXYGEN, DISSOLVED MG/L	02/25/69-12/04/69	11	8.1	8.627	11.8	6.2	3.866	1.966	6.24	6.7	10.5	11.56
00310	BOD, 5 DAY, 20 DEG C MG/L	02/25/69-12/04/69	11	1.3	1.373	2.6	0.5	0.354	0.595	0.5	1.1	1.7	2.44
00400	PH (STANDARD UNITS)	03/17/69-12/04/69	10	8.55	8.4	9.1	7.7	0.287	0.535	7.7	7.85	8.925	9.09
00400	CONVERTED PH (STANDARD UNITS)	03/17/69-12/04/69	10	8.547	8.132	9.1	7.7	0.366	0.605	7.7	7.85	8.925	9.09
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/17/69-12/04/69	10	0.003	0.007	0.02	0.001	0.	0.008	0.001	0.001	0.014	0.02
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/17/69-12/04/69	10	115.	108.3	130.	78.	351.567	18.75	79.	88.75	122.5	130.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	03/17/69-12/04/69	10	5.	6.8	24.	0.	63.289	7.955	0.	0.	11.25	23.1
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	02/25/69-12/04/69	11	32000.	34081.818	122000.	1400.	1277339636.364	35739.889	1540.	3500.	52000.	108400.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	02/25/69-12/04/69	11	4.505	4.215	5.086	3.146	0.42	0.648	3.181	3.544	4.716	5.016
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			16394.607								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/25/69-12/04/69	10	2250.	2577.	7800.	50.	5911401.111	2431.337	80.	740.	3450.	7590.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/25/69-12/04/69	10	3.351	3.148	3.892	1.699	0.407	0.638	1.783	2.841	3.512	3.878
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1404.819								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0041

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
00400	PH	Fresh Chronic	9.	10	2	0.20	5	0	0.00	2	2	1.00	3	0	0.00			
		Other-Lo Lim.	6.5	10	0	0.00	5	0	0.00	2	0	0.00	3	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	11	11	1.00	5	5	1.00	3	3	1.00	3	3	1.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	10	9	0.90	5	5	1.00	3	2	0.67	2	2	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0042

NPS Station ID: CHCH0042 | LAT/LON: 34.936948/ -85.265837 | Agency: 12NSS | Date Created: 10/22/88
Location: NO NAME | | FIPS State/County: 13295 GEORGIA/WALKER |
Station Type: /TYPA/AMBNT/STREAM | | STORET Station ID(s): 2B088002L /2X02B088002L |
RMI-Indexes: | | Within Park Boundary: Yes |
RMI-Miles: | | | |
HUC: 06020001 | Depth of Water: 0 | Aquifer: | |
Major Basin: | Elevation: 227 | Water Body Id: | |
Minor Basin: | | ECO Region: | |
RF1 Index: 06020001 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 06020001130000.00 | RF3 Mile Point: 0.56 | Distance from RF3: 0.46 | On/Off RF3:

Description:
THESE DATA WERE COLLECTED DURING PHASE I OF THE NATIONAL STREAM SURVEY AS PART OF EPA'S NATIONAL SURFACE WATER SURVEY AND AQUATIC EFFECTS RESEARCH PROGRAM UNDER THE NATIONAL ACID PRECIPITATION ASSESSMENT PROGRAM. THE SURVEY DESIGN, METHODS, AND DATA LIMITAITONS ARE DESCRIBED IN: KAUFMANN, P.R., ET AL. 1988. CHEMICAL CHARACTERISTICS OF STREAMS IN THE MID-ATLANTIC AND SOUTHEASTERN UNITED STATES. VOL.I: POPULATION DESCRIPTIONS AND PHYSICO-CHEMICAL RELATIONSHIPS. EPA/600/3-88/021A, U.S. ENVIRON. PROT. AGENCY, WASHINGTON, D.C. THE DATA IN STORET ARE THOSE REPORTED IN KAUFMANN ET AL. (1988) WITH THE FOLLOWING EXCEPTIONS: (1) UNITS FOR CHEMICAL PARAMETERS ARE TYPICALLY IN MG/L RATHER THAN MICROEQ/L; (2) NO SUBSTITUTED VALUES ARE PROVIDED FOR SUSPECT DATA; (3) TAGS AND FLAGS USED TO IDENTIFY SUSPICIOUS DATA ARE NOT SHOWN; (4) CALCULATED OR DERIVED VARIABLES ARE EXCLUDED.

Parameter Inventory for Station: CHCH0042

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00064	DEPTH OF STREAM, MEAN (FT)	04/23/86-04/23/86	1	0.	0.	0.	0.	0.	0.	**	**	**	**
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	04/23/86-04/23/86	1	745.	745.	745.	745.	0.	0.	**	**	**	**
83509	STREAM, WIDTH METER	04/23/86-04/23/86	1	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: CHCH0043

NPS Station ID: CHCH0043 LAT/LON: 34.937226/ -85.417227 Agency: 131TVAC Date Created: / /
Location: ROAD CROSSING, 1.8 MILES SOUTH OF WILDWOOD FIPS State/County: 13083 GEORGIA/DADE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 120870
RMI-Indexes: 1021500 007720 00920 6124 Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 459.80 011.03
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: TENNESSEE RIVER BASIN Elevation: 0 Water Body Id:
Minor Basin: LOOKOUT CREEK 11.03 ECO Region:
RF1 Index: 06020001 RF1 Mile Point: 0.000 Distance from RF1: 23.50 On/Off RF1:
RF3 Index: 06020001136500.00 RF3 Mile Point: 0.00 Distance from RF3: 0.01 On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0043

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/26/69-12/02/69	11	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/26/69-12/02/69	11	17.2	16.236	24.4	6.1	37.173	6.097	6.54	12.2	21.7	24.18
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/26/69-12/02/69	11	39.	202.636	1240.	28.	128868.255	358.982	28.8	33.	280.	1054.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/26/69-12/02/69	11	20.	17.545	30.	5.	60.273	7.764	5.6	10.	25.	29.
00080	COLOR (PLATINUM-COBALT UNITS)	02/26/69-12/02/69	11	15.	12.727	25.	2.5	55.568	7.454	2.5	5.	20.	24.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/26/69-12/02/69	11	200.	210.	260.	130.	2140.	46.26	136.	170.	250.	260.
00300	OXYGEN, DISSOLVED MG/L	02/26/69-12/02/69	11	7.3	8.364	11.9	6.6	3.407	1.846	6.62	6.9	10.2	11.58
00310	BOD, 5 DAY, 20 DEG C MG/L	02/26/69-12/02/69	11	1.3	1.309	2.5	0.5	0.301	0.549	0.5	1.1	1.6	2.32
00400	PH (STANDARD UNITS)	02/26/69-12/02/69	11	7.7	7.773	8.7	7.4	0.118	0.344	7.42	7.5	7.8	8.54
00400	CONVERTED PH (STANDARD UNITS)	02/26/69-12/02/69	11	7.7	7.689	8.7	7.4	0.126	0.355	7.42	7.5	7.8	8.54
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/26/69-12/02/69	11	0.02	0.02	0.04	0.002	0.	0.01	0.004	0.016	0.032	0.038
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/26/69-12/02/69	11	100.	95.091	120.	45.	723.091	26.89	48.6	69.	120.	120.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	02/26/69-12/02/69	11	0.	0.455	5.	0.	2.273	1.508	0.	0.	0.	4.
00500	RESIDUE, TOTAL (MG/L)	02/26/69-12/02/69	11	170.	149.091	270.	10.	4269.091	65.338	28.	110.	170.	256.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	02/26/69-12/02/69	11	140.	130.455	250.	5.	4072.273	63.814	18.	90.	170.	236.
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	02/26/69-12/02/69	11	0.26	0.271	0.36	0.18	0.003	0.052	0.19	0.24	0.3	0.356
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/26/69-12/02/69	11 ##	0.005	0.014	0.05	0.005	0.	0.015	0.005	0.005	0.02	0.046
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	02/26/69-12/02/69	11	0.01	0.009	0.02	0.005	0.	0.004	0.005	0.005	0.01	0.018
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/26/69-12/02/69	11	0.16	0.195	0.34	0.07	0.007	0.084	0.076	0.14	0.25	0.332
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/26/69-12/02/69	11	0.085	0.083	0.127	0.026	0.001	0.037	0.027	0.046	0.124	0.127
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	03/20/69-12/02/69	10	0.067	0.061	0.114	0.013	0.001	0.034	0.014	0.025	0.088	0.112
00916	CALCIUM, TOTAL (MG/L AS CA)	02/26/69-12/02/69	11	32.	31.364	45.	18.	78.055	8.835	18.6	24.	40.	44.2
00927	MAGNESIUM, TOTAL (MG/L AS MG)	02/26/69-12/02/69	11	5.	4.818	7.5	1.5	4.614	2.148	1.7	2.5	7.	7.5
00929	SODIUM, TOTAL (MG/L AS NA)	02/26/69-12/02/69	11	0.7	0.791	1.2	0.4	0.089	0.298	0.4	0.5	1.1	1.2
00937	POTASSIUM, TOTAL MG/L AS K)	02/26/69-12/02/69	11	1.2	1.282	2.	0.8	0.142	0.376	0.8	1.1	1.5	1.96
00940	CHLORIDE,TOTAL IN WATER MG/L	02/26/69-12/02/69	11	4.	3.909	6.	3.	0.691	0.831	3.	3.	4.	5.6
00945	SULFATE, TOTAL (MG/L AS SO4)	02/26/69-12/02/69	11	8.	8.364	13.	5.	6.655	2.58	5.	7.	10.	12.8
00951	FLUORIDE, TOTAL (MG/L AS F)	02/26/69-12/02/69	11	0.07	0.07	0.1	0.04	0.	0.015	0.044	0.06	0.08	0.096
00956	SILICA, TOTAL (MG/L AS SI02)	02/26/69-12/02/69	11	6.4	6.191	7.6	3.7	1.271	1.127	4.	5.7	7.2	7.56
01045	IRON, TOTAL (UG/L AS FE)	02/26/69-12/02/69	11	280.	295.455	540.	130.	18827.273	137.213	134.	160.	360.	532.
01046	IRON, DISSOLVED (UG/L AS FE)	02/26/69-12/02/69	11	80.	92.273	200.	25.	4601.818	67.837	25.	25.	160.	200.
01047	IRON, FERROUS (UG/L AS FE)	02/26/69-12/02/69	11 ##	25.	25.	25.	25.	0.	0.	25.	25.	25.	25.
01055	MANGANESE, TOTAL (UG/L AS MN)	02/26/69-12/02/69	11	70.	112.727	520.	40.	18701.818	136.755	42.	60.	100.	438.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	02/26/69-12/02/69	10	20.	28.	60.	10.	351.111	18.738	10.	10.	50.	59.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	02/26/69-12/02/69	10	1335.	11026.	93000.	40.	834748115.556	28892.008	54.	397.5	4350.	84480.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	02/26/69-12/02/69	10	3.119	3.143	4.968	1.602	0.827	0.91	1.667	2.568	3.602	4.861
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1389.67								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/26/69-12/02/69	10	100.	138.5	430.	5.	23355.833	152.826	5.5	17.5	205.	427.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0043

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/26/69-12/02/69	10	2.	1.827	2.633	0.699	0.41	0.64	0.729	1.226	2.26	2.63
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			67.114								
46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	02/26/69-12/02/69	11	100.	97.273	140.	51.	849.418	29.145	53.4	70.	120.	136.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0043

				Total	Exceed	Prop.	----------6/01-10/31----------			----------11/01-2/29----------			----------3/01-5/31----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
00400	PH	Fresh Chronic	9.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
		Other-Lo Lim.	6.5	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
		Drinking Water	250.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	10	7	0.70	5	4	0.80	2	0	0.00	3	3	1.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	10	2	0.20	4	1	0.25	3	0	0.00	3	1	0.33			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0044

NPS Station ID: CHCH0044 | LAT/LON: 34.937781/ -85.285281 | Agency: 12NSS | Date Created: 10/22/88
Location: NO NAME | | FIPS State/County: 13295 GEORGIA/WALKER |
Station Type: /TYPA/AMBNT/STREAM | | STORET Station ID(s): 2B088002U /2X02B088002U |
RMI-Indexes: | | Within Park Boundary: No |
RMI-Miles: | | | |
HUC: 06020001 | Depth of Water: 0 | Aquifer: | |
Major Basin: | Elevation: 258 | Water Body Id: | |
Minor Basin: | | ECO Region: | |
RF1 Index: 06020001 | RF1 Mile Point: 0.000 | Distance from RF1: 21.80 | On/Off RF1:
RF3 Index: 06020001094001.89 | RF3 Mile Point: 1.91 | Distance from RF3: 0.02 | On/Off RF3:

Description:
THESE DATA WERE COLLECTED DURING PHASE I OF THE NATIONAL STREAM SURVEY AS PART OF EPA'S NATIONAL SURFACE WATER SURVEY AND AQUATIC EFFECTS RESEARCH PROGRAM UNDER THE NATIONAL ACID PRECIPITATION ASSESSMENT PROGRAM. THE SURVEY DESIGN, METHODS, AND DATA LIMITAITONS ARE DESCRIBED IN: KAUFMANN, P.R., ET AL. 1988. CHEMICAL CHARACTERISTICS OF STREAMS IN THE MID-ATLANTIC AND SOUTHEASTERN UNITED STATES. VOL.I: POPULATION DESCRIPTIONS AND PHYSICO-CHEMICAL RELATIONSHIPS. EPA/600/3-88/021A, U.S. ENVIRON. PROT. AGENCY, WASHINGTON, D.C. THE DATA IN STORET ARE THOSE REPORTED IN KAUFMANN ET AL. (1988) WITH THE FOLLOWING EXCEPTIONS: (1) UNITS FOR CHEMICAL PARAMETERS ARE TYPICALLY IN MG/L RATHER THAN MICROEQ/L; (2) NO SUBSTITUTED VALUES ARE PROVIDED FOR SUSPECT DATA; (3) TAGS AND FLAGS USED TO IDENTIFY SUSPICIOUS DATA ARE NOT SHOWN; (4) CALCULATED OR DERIVED VARIABLES ARE EXCLUDED.

Parameter Inventory for Station: CHCH0044

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00064	DEPTH OF STREAM, MEAN (FT)	04/23/86-04/23/86	1	0.	0.	0.	0.	0.	0.	**	**	**	**
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	04/23/86-04/23/86	1	846.	846.	846.	846.	0.	0.	**	**	**	**
83509	STREAM, WIDTH METER	04/23/86-04/23/86	1	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: CHCH0045

NPS Station ID: CHCH0045
LAT/LON: 34.940837/ -85.312505
Agency: 131TVAC
Date Created: / /
Location: RIDGELAND ROAD CROSSING
FIPS State/County: 13295 GEORGIA/WALKER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 120830
RMI-Indexes: 1021500 007720 00920 6140 0190
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 007.60 003.26
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: DRY CREEK 3.26
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 06020001124701.89
RF3 Mile Point: 2.11
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0045

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/07/67-12/03/69	12	1.	0.833	1.	0.	0.152	0.389	0.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/07/67-12/03/69	12	11.85	12.35	20.	5.5	27.375	5.232	5.68	7.65	18.275	19.82
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/27/69-12/03/69	10	0.6	1.98	14.	0.1	18.215	4.268	0.1	0.175	1.25	12.8
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/27/69-12/03/69	10	15.	25.6	150.	3.	1938.267	44.026	3.2	7.25	16.25	137.
00080	COLOR (PLATINUM-COBALT UNITS)	09/07/67-12/03/69	12	10.	18.75	100.	2.5	694.886	26.361	2.5	6.25	20.	76.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/27/69-12/03/69	10	285.	272.	360.	190.	3995.556	63.21	191.	207.5	320.	359.
00300	OXYGEN, DISSOLVED MG/L	09/07/67-12/03/69	12	9.35	9.383	12.2	5.5	4.283	2.07	6.04	7.525	11.15	12.14
00304	BOD, 2 DAY, 20 DEG C MG/L	09/07/67-10/11/67	2 ##	2.25	2.25	4.	0.5	6.125	2.475	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/07/67-12/03/69	12	1.75	2.633	7.	0.5	4.661	2.159	0.5	1.025	4.65	6.52
00400	PH (STANDARD UNITS)	09/07/67-12/03/69	11	7.8	7.764	8.1	7.3	0.053	0.229	7.36	7.6	7.9	8.1
00400	CONVERTED PH (STANDARD UNITS)	09/07/67-12/03/69	11	7.8	7.706	8.1	7.3	0.056	0.237	7.36	7.6	7.9	8.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/07/67-12/03/69	11	0.016	0.02	0.05	0.008	0.	0.012	0.008	0.013	0.025	0.045
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/27/69-12/03/69	10	98.5	106.7	150.	68.	1234.456	35.135	68.1	74.25	142.5	150.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/27/69-12/03/69	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00500	RESIDUE, TOTAL (MG/L)	09/07/67-10/11/67	2	220.	220.	240.	200.	800.	28.284	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/07/67-10/11/67	2	175.	175.	180.	170.	50.	7.071	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/07/67-12/03/69	10	9400.	36470.	200000.	3300.	3947386777.778	62828.232	3310.	5200.	43800.	188700.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/07/67-12/03/69	10	3.968	4.128	5.301	3.519	0.356	0.596	3.52	3.705	4.586	5.265
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			13422.627								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/07/67-12/03/69	12	310.	2854.583	25000.	5.	49645342.992	7045.945	27.5	155.	2032.5	18460.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/07/67-12/03/69	12	2.491	2.65	4.398	0.699	0.874	0.935	1.06	2.185	3.302	4.13
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			446.468								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0045

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	10	1	0.10	3	0	0.00	4	0	0.00	3	1	0.33			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	12	0	0.00	5	0	0.00	4	0	0.00	3	0	0.00			
00400	PH	Fresh Chronic	9.	11	0	0.00	4	0	0.00	4	0	0.00	3	0	0.00			
		Other-Lo Lim.	6.5	11	0	0.00	4	0	0.00	4	0	0.00	3	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	10	10	1.00	5	5	1.00	2	2	1.00	3	3	1.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	12	9	0.75	5	4	0.80	4	2	0.50	3	3	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0046

NPS Station ID: CHCH0046
LAT/LON: 34.941393/ -85.339448
Agency: 131TVAC
Date Created: / /
Location: GEORGIA HWY 349 BRIDGE AT FLINTSTONE
FIPS State/County: 13295 GEORGIA/WALKER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 120867
RMI-Indexes: 1021500 007720 00920 6140
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 012.70
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: CHATTANOOGA CREEK 12.70
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 36.30
On/Off RF1:
RF3 Index: 06020001125300.00
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/07/67-10/11/67	2	1.	1.	1.	1.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/07/67-10/11/67	2	15.5	15.5	18.	13.	12.5	3.536	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/07/67-10/11/67	2	15.5	15.5	17.	14.	4.5	2.121	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/07/67-10/11/67	2 ##	16.25	16.25	30.	2.5	378.125	19.445	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/07/67-10/11/67	2 ##	3.025	3.025	6.	0.05	17.701	4.207	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/07/67-10/11/67	2	34.3	34.3	60.	8.6	1320.98	36.345	**	**	**	**
00400	PH (STANDARD UNITS)	09/07/67-09/07/67	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/07/67-09/07/67	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/07/67-09/07/67	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	09/07/67-10/11/67	2	230.	230.	310.	150.	12800.	113.137	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/07/67-10/11/67	2	150.	150.	190.	110.	3200.	56.569	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/07/67-10/11/67	2	3415.	3415.	6000.	830.	13364450.	3655.742	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/07/67-10/11/67	2	3.349	3.349	3.778	2.919	0.369	0.607	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2231.591								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/07/67-10/11/67	2	400.	400.	500.	300.	20000.	141.421	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/07/67-10/11/67	2	2.588	2.588	2.699	2.477	0.025	0.157	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			387.298								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0046

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1 &	0	0.00	1	0	0.00									
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	1	0.50	2	1	0.50									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	2	2	1.00	2	2	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0047

NPS Station ID: CHCH0047
LAT/LON: 34.942504/ -85.356948
Agency: 112WRD
Date Created: 01/25/77
Location: ROCK CREEK NEAR FLINTSTONE, GA.
FIPS State/County: 13295 GEORGIA/WALKER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 03568360
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 06020001125807.31
RF3 Mile Point: 7.89
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/26/76-09/01/81	11	16.	16.773	24.	1.	49.918	7.065	2.6	14.5	22.5	23.8
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/26/76-09/01/81	11	25.	41.	164.	2.	2893.6	53.792	2.	4.	37.	156.4
00080	COLOR (PLATINUM-COBALT UNITS)	08/26/76-04/22/77	2	2.5	2.5	5.	0.	12.5	3.536	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/26/76-09/01/81	11	104.	142.182	273.	48.	6944.964	83.336	52.6	77.	219.	272.4
00300	OXYGEN, DISSOLVED MG/L	08/26/76-09/01/81	11	9.1	9.509	13.6	7.6	2.995	1.731	7.62	8.4	10.4	13.1
00400	PH (STANDARD UNITS)	08/26/76-09/01/81	11	6.9	6.982	7.5	6.6	0.104	0.322	6.62	6.7	7.3	7.5
00400	CONVERTED PH (STANDARD UNITS)	08/26/76-09/01/81	11	6.9	6.891	7.5	6.6	0.113	0.336	6.62	6.7	7.3	7.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/26/76-09/01/81	11	0.126	0.129	0.251	0.032	0.006	0.075	0.032	0.05	0.2	0.241
00403	PH, LAB, STANDARD UNITS SU	04/15/81-09/01/81	2	7.2	7.2	7.7	6.7	0.5	0.707	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	04/15/81-09/01/81	2	6.96	6.96	7.7	6.7	0.616	0.785	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/15/81-09/01/81	2	0.11	0.11	0.2	0.02	0.016	0.127	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/26/76-08/20/80	8	3.8	7.775	35.	1.2	126.851	11.263	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/26/76-09/01/81	11	12.	13.727	22.	5.	31.618	5.623	5.6	8.	20.	21.6
00435	ACIDITY, TOTAL (MG/L AS CACO3)	08/26/76-04/15/81	7	0.	0.714	5.	0.	3.571	1.89	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/26/76-04/22/77	2	19.5	19.5	24.	15.	40.5	6.364	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/26/76-04/22/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	08/26/76-04/22/77	2	0.145	0.145	0.2	0.09	0.006	0.078	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/26/76-04/22/77	2	0.055	0.055	0.08	0.03	0.001	0.035	**	**	**	**
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	08/26/76-04/22/77	2	0.095	0.095	0.16	0.03	0.008	0.092	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/26/76-04/22/77	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/26/76-04/22/77	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/26/76-04/22/77	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/26/76-04/22/77	2	0.08	0.08	0.1	0.06	0.001	0.028	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	08/26/76-04/22/77	2	0.1	0.1	0.17	0.03	0.01	0.099	**	**	**	**
00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	08/26/76-04/22/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/26/76-04/22/77	2	0.06	0.06	0.09	0.03	0.002	0.042	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/26/76-04/22/77	2	0.085	0.085	0.11	0.06	0.001	0.035	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/26/76-05/21/80	4	0.095	0.087	0.1	0.06	0.	0.019	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/26/76-04/22/77	2	0.015	0.015	0.03	0.	0.	0.021	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/26/76-04/22/77	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/26/76-04/22/77	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/26/76-04/22/77	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/26/76-04/22/77	2	2.55	2.55	5.1	0.	13.005	3.606	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/26/76-08/26/76	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
00686	CARBON, INORGANIC, IN BED MATERIAL (GM/KG AS C)	04/18/79-04/18/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00687	CARBON, ORGANIC, IN BED MATERIAL (GM/KG AS C)	04/18/79-04/18/79	1	3.8	3.8	3.8	3.8	0.	0.	**	**	**	**
00693	CARBON, ORGANIC+INORG.-BOTTOM MAT. (GM/KG)	04/18/79-04/18/79	1	3.8	3.8	3.8	3.8	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/26/76-05/21/80	4	41.5	49.5	100.	15.	1289.667	35.912	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/26/76-05/21/80	4	29.	37.25	81.	10.	930.917	30.511	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/26/76-05/21/80	4	8.75	10.725	22.	3.4	62.943	7.934	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/26/76-05/21/80	4	4.75	5.5	11.	1.5	15.833	3.979	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/26/76-05/21/80	4	1.6	1.75	2.9	0.9	0.697	0.835	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/26/76-05/21/80	4	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	08/26/76-05/21/80	4	7.5	8.	11.	6.	4.667	2.16	**	**	**	**
00933	SODIUM,PLUS POTASSIUM (MG/L)	08/01/79-08/01/79	1	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/26/76-05/21/80	4	1.1	1.075	1.6	0.5	0.229	0.479	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/26/76-05/21/80	4	1.	1.25	2.	1.	0.25	0.5	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/26/76-09/01/81	11	35.	48.455	100.	12.	1039.273	32.238	14.	22.	80.	100.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/26/76-05/21/80	4 ##	0.05	0.05	0.1	0.	0.002	0.041	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/26/76-05/21/80	4	6.5	6.275	7.1	5.	0.809	0.9	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/26/76-04/22/77	2 ##	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	08/01/79-05/21/80	2 ##	0.25	0.25	0.5	0.	0.125	0.354	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/18/79-05/21/80	2	0.	0.	0.	0.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/26/76-04/22/77	2 ##	1.5	1.5	3.	0.	4.5	2.121	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	08/01/79-05/21/80	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/18/79-05/21/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/18/79-05/21/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/26/76-04/22/77	2 ##	2.	2.	4.	0.	8.	2.828	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/01/79-05/21/80	2 ##	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	04/18/79-05/21/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	08/26/76-04/22/77	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/01/79-05/21/80	2	2.5	2.5	3.	2.	0.5	0.707	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/18/79-05/21/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01044	IRON, SUSPENDED (UG/L AS FE)	04/24/79-09/01/81	7	120.	231.429	870.	80.	82414.286	287.079	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	08/26/76-09/01/81	11	130.	208.182	880.	60.	54536.364	233.53	64.	90.	270.	758.
01046	IRON, DISSOLVED (UG/L AS FE)	08/26/76-09/01/81	9	20.	15.556	30.	0.	121.528	11.024	0.	5.	25.	30.
01049	LEAD, DISSOLVED (UG/L AS PB)	08/26/76-04/22/77	2 ##	10.	10.	20.	0.	200.	14.142	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	08/01/79-05/21/80	2	5.	5.	5.	5.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/18/79-05/21/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	04/18/79-05/21/80	2	100.	100.	110.	90.	200.	14.142	**	**	**	**
01054	MANGANESE, SUSPENDED (UG/L AS MN)	04/24/79-09/01/81	7	0.	5.714	20.	0.	61.905	7.868	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	08/26/76-09/01/81	11	20.	19.545	40.	5.	187.273	13.685	5.	5.	30.	40.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/26/76-09/01/81	9	10.	13.889	30.	5.	79.861	8.937	5.	5.	20.	30.
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/26/76-04/22/77	2 ##	15.	15.	20.	10.	50.	7.071	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/01/79-05/21/80	2	15.	15.	20.	10.	50.	7.071	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	04/18/79-05/21/80	2	19.	19.	20.	18.	2.	1.414	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	08/01/79-05/21/80	2	75.	75.	90.	60.	450.	21.213	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/26/76-04/22/77	2	75.	75.	140.	10.	8450.	91.924	**	**	**	**
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	05/21/80-05/21/80	1	1300.	1300.	1300.	1300.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	04/22/77-04/22/77	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	08/01/79-05/21/80	2 ##	0.25	0.25	0.5	0.	0.125	0.354	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	04/18/79-05/21/80	2	0.	0.	0.	0.	0.	0.	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	04/18/79-05/21/80	2	4850.	4850.	6100.	3600.	3125000.	1767.767	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/26/76-09/01/81	11	73.	101.909	198.	32.	3975.291	63.05	34.4	56.	187.	196.4
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/26/76-05/21/80	4	67.	75.	138.	28.	2102.	45.848	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	08/26/76-09/01/81	11	4.42	5.835	20.1	0.76	36.651	6.054	0.766	1.28	6.23	18.92
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/26/76-09/01/81	11	0.1	0.139	0.27	0.04	0.007	0.085	0.044	0.08	0.25	0.268
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	04/24/79-08/22/79	3	100.	100.	100.	100.	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/26/76-08/26/76	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
71825	ACIDITY, TOTAL (MG/L AS H)	08/26/76-04/15/81	7 ##	0.05	0.05	0.1	0.	0.001	0.029	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/26/76-04/22/77	2	0.005	0.005	0.01	0.	0.	0.007	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/26/76-04/22/77	2	0.35	0.35	0.4	0.3	0.005	0.071	**	**	**	**
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	08/26/76-04/22/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	08/26/76-04/22/77	2	0.65	0.65	0.9	0.4	0.125	0.354	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	08/26/76-04/22/77	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	08/01/79-05/21/80	2 ##	0.15	0.15	0.25	0.05	0.02	0.141	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	04/18/79-05/21/80	2	0.005	0.005	0.01	0.	0.	0.007	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	04/24/79-09/01/81	8	5.5	5.875	14.	1.	24.125	4.912	**	**	**	**
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	04/24/79-09/01/81	8	0.215	1.096	4.4	0.01	2.854	1.689	**	**	**	**
80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	04/18/79-04/18/79	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
80165	BED MATERIAL SIEVE DIAMETER,% FINER THAN .125MM	04/18/79-04/18/79	1	2.	2.	2.	2.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
80166	BED MATERIAL SIEVE DIAMETER,% FINER THAN .250MM	04/18/79-04/18/79	1	19.	19.	19.	19.	0.	0.	**	**	**	**
80167	BED MATERIAL SIEVE DIAMETER,% FINER THAN .500MM	04/18/79-04/18/79	1	60.	60.	60.	60.	0.	0.	**	**	**	**
80168	BED MATERIAL SIEVE DIAMETER,% FINER THAN 1.00MM	04/18/79-04/18/79	1	80.	80.	80.	80.	0.	0.	**	**	**	**
80169	BED MATERIAL SIEVE DIAMETER,% FINER THAN 2.00MM	04/18/79-04/18/79	1	91.	91.	91.	91.	0.	0.	**	**	**	**
80170	BED MATERIAL SIEVE DIAMETER,% FINER THAN 4.00MM	04/18/79-04/18/79	1	96.	96.	96.	96.	0.	0.	**	**	**	**
80171	BED MATERIAL SIEVE DIAMETER,% FINER THAN 8.00MM	04/18/79-04/18/79	1	100.	100.	100.	100.	0.	0.	**	**	**	**
80172	BED MATERIAL SIEVE DIAMETER,% FINER THAN 16.0MM	04/18/79-04/18/79	1	100.	100.	100.	100.	0.	0.	**	**	**	**
82031	COAL IN BOTTOM MATERIAL DRY WEIGHT GRAMS/KG	09/01/81-09/01/81	1	7.	7.	7.	7.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0047

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	11	0	0.00	5	0	0.00	2	0	0.00	4	0	0.00			
00400	PH	Fresh Chronic	9.	11	0	0.00	5	0	0.00	2	0	0.00	4	0	0.00			
		Other-Lo Lim.	6.5	11	0	0.00	5	0	0.00	2	0	0.00	4	0	0.00			
00403	PH, LAB	Fresh Chronic	9.	2	0	0.00	1	0	0.00				1	0	0.00			
		Other-Lo Lim.	6.5	2	0	0.00	1	0	0.00				1	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	2	0	0.00	1	0	0.00				1	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	2	0	0.00	1	0	0.00				1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00	1	0	0.00				1	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	4	0	0.00	2	0	0.00				2	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	4	0	0.00	2	0	0.00				2	0	0.00			
		Drinking Water	250.	4	0	0.00	2	0	0.00				2	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	11	0	0.00	5	0	0.00	2	0	0.00	4	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	4	0	0.00	2	0	0.00				2	0	0.00			
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	50.	2	0	0.00	1	0	0.00				1	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	50.	2	0	0.00	1	0	0.00				1	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	5.	2	0	0.00	1	0	0.00				1	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	5.	2	0	0.00	1	0	0.00				1	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	2	0	0.00	1	0	0.00				1	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	2	0	0.00	1	0	0.00				1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	1300.	2	0	0.00	1	0	0.00				1	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	1300.	2	0	0.00	1	0	0.00				1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	15.	2	1	0.50	1	0	0.00				1	1	1.00			
01051	LEAD, TOTAL	Fresh Acute	82.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	15.	2	0	0.00	1	0	0.00				1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	5000.	2	0	0.00	1	0	0.00				1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	5000.	2	0	0.00	1	0	0.00				1	0	0.00			
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	50.	2	0	0.00	1	0	0.00				1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	2	0	0.00	1	0	0.00				1	0	0.00			
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	2	0	0.00	1	0	0.00				1	0	0.00			
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	2.	2	0	0.00	1	0	0.00				1	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	2.	2	0	0.00	1	0	0.00				1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0048

NPS Station ID: CHCH0048
Location: NEAR FANTASY HILLS
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes: 1021500 007720 00920 6140 0400
RMI-Miles: 0953.80 0046.50 460.60 012.64 000.16
HUC: 06020001
Major Basin: TENNESSEE RIVER BASIN
Minor Basin: UNNAMED TRIB. 0.16
RF1 Index: 06020001
RF3 Index: 06020001097500.00
Description:

LAT/LON: 34.943059/ -85.333892
Depth of Water: 0
Elevation: 0
RF1 Mile Point: 0.000
RF3 Mile Point: 0.00

Agency: 131TVAC
FIPS State/County: 13295 GEORGIA/WALKER
STORET Station ID(s): 120856
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 3.20
Distance from RF3: 0.03

Date Created: / /
On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: CHCH0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/27/69-12/03/69	11	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/27/69-12/03/69	11	12.8	12.482	22.8	6.	27.97	5.289	6.14	8.4	16.7	21.62
00300	OXYGEN, DISSOLVED MG/L	01/27/69-12/03/69	11	10.4	9.9	12.3	5.8	3.744	1.935	6.22	8.3	11.4	12.22
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/18/69-12/03/69	9	2100.	3366.667	7000.	100.	6502500.	2550.	100.	1200.	5800.	7000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/18/69-12/03/69	9	3.322	3.305	3.845	2.	0.356	0.597	2.	3.017	3.762	3.845
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2019.253								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/27/69-12/03/69	11	100.	285.455	920.	30.	109267.273	330.556	30.	40.	520.	896.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/27/69-12/03/69	11	2.	2.127	2.964	1.477	0.342	0.585	1.477	1.602	2.716	2.952
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			134.081								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0048

				Total	Exceed	Prop.	6/01-10/31			11/01-2/29			3/01-5/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	11	0	0.00	4	0	0.00	4	0	0.00	3	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	9	7	0.78	4	4	1.00	2	0	0.00	3	3	1.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	11	4	0.36	4	2	0.50	4	0	0.00	3	2	0.67			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0049

NPS Station ID: CHCH0049
LAT/LON: 34.948616/ -85.253893
Agency: 131TVAC
Date Created: / /
Location: FORREST ROAD BRIDGE
FIPS State/County: 13047 GEORGIA/CATOOSA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 120847
RMI-Indexes: 1021500 007720 00920 6180 0340 0020 0120
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 013.20 000.90 004.50 02.46
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: BLACK BRANCH 2.46
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 16.30
On/Off RF1:
RF3 Index: 06020001093700.00
RF3 Mile Point: 0.00
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/27/69-12/04/69	12	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/27/69-12/04/69	12	16.25	15.333	27.8	5.6	57.104	7.557	5.78	8.325	22.725	26.45
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/27/69-12/04/69	12	2.	2.875	14.	0.7	12.995	3.605	0.73	1.	3.	10.7
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/27/69-12/04/69	12	9.5	38.917	175.	4.	2678.265	51.752	4.6	7.25	70.	146.5
00080	COLOR (PLATINUM-COBALT UNITS)	01/27/69-12/04/69	12	12.5	15.417	50.	2.5	191.856	13.851	2.5	5.	22.5	44.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/27/69-12/04/69	12	425.	396.667	540.	200.	14787.879	121.605	215.	275.	507.5	537.
00300	OXYGEN, DISSOLVED MG/L	01/27/69-12/04/69	12	9.55	8.258	13.2	0.4	15.568	3.946	1.33	4.525	11.525	12.9
00310	BOD, 5 DAY, 20 DEG C MG/L	01/27/69-12/04/69	12	1.55	2.1	7.8	0.5	3.549	1.884	0.65	1.225	2.2	6.21
00335	COD, .025N K2CR2O7 MG/L	01/27/69-12/04/69	12	28.	35.333	95.	8.	688.97	26.248	8.6	16.	52.	87.5
00400	PH (STANDARD UNITS)	01/27/69-12/04/69	12	7.65	7.683	8.	7.4	0.047	0.217	7.4	7.5	7.875	8.
00400	CONVERTED PH (STANDARD UNITS)	01/27/69-12/04/69	12	7.647	7.636	8.	7.4	0.049	0.222	7.4	7.5	7.875	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/27/69-12/04/69	12	0.023	0.023	0.04	0.01	0.	0.011	0.01	0.013	0.032	0.04
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/27/69-12/04/69	12	190.	176.75	260.	78.	3697.659	60.808	84.	114.5	227.5	254.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/27/69-12/04/69	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/14/69-08/11/69	2	28.95	28.95	54.8	3.1	1336.445	36.557	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	02/27/69-12/04/69	11	9000.	30900.	120000.	200.	1660340000.	40747.27	260.	1800.	70000.	112000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	02/27/69-12/04/69	11	3.954	3.91	5.079	2.301	0.844	0.919	2.381	3.255	4.845	5.044
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			8126.162								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/27/69-12/04/69	12	665.	4108.333	22200.	20.	44469651.515	6668.557	44.	172.5	7425.	18540.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/27/69-12/04/69	12	2.814	2.929	4.346	1.301	0.858	0.926	1.511	2.148	3.866	4.242
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			849.856								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0049

				Total	Exceed	Prop.	----------6/01-10/31----------			----------11/01-2/29----------			----------3/01-5/31----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	12	4	0.33	5	3	0.60	4	1	0.25	3	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	12	2	0.17	5	2	0.40	4	0	0.00	3	0	0.00			
00400	PH	Fresh Chronic	9.	12	0	0.00	5	0	0.00	4	0	0.00	3	0	0.00			
		Other-Lo Lim.	6.5	12	0	0.00	5	0	0.00	4	0	0.00	3	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	11	9	0.82	5	5	1.00	3	2	0.67	3	2	0.67			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	12	9	0.75	5	5	1.00	4	3	0.75	3	1	0.33			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0050

NPS Station ID: CHCH0050 LAT/LON: 34.950837/ -85.341115 Agency: 131TVAC Date Created: / /
Location: AT CHATTANOOGA VALLEY ROAD 0.4 M N OF FLINTSTONE FIPS State/County: 13295 GEORGIA/WALKER
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 120831
RMI-Indexes: 1021500 007720 00920 6140 0420 Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 012.80 000.19
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: TENNESSEE RIVER BASIN Elevation: 0 Water Body Id:
Minor Basin: ROCK CREEK 0.19 ECO Region:
RF1 Index: 06020001 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 06020001129700.00 RF3 Mile Point: 1.92 Distance from RF3: 0.01 On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0050

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/07/67-12/03/69	14	1.	1.643	10.	1.	5.786	2.405	1.	1.	1.	5.5
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/07/67-12/03/69	14	13.75	13.214	22.2	4.2	29.434	5.425	5.55	8.175	17.475	20.55
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/27/69-12/03/69	12	7.5	30.5	122.	3.	1434.636	37.877	3.	4.	59.	105.8
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/27/69-12/03/69	12	5.5	7.417	20.	1.	30.811	5.551	1.3	3.5	10.	18.5
00080	COLOR (PLATINUM-COBALT UNITS)	09/07/67-12/03/69	14	10.	23.036	90.	2.5	717.479	26.786	3.75	5.	42.5	75.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/27/69-12/03/69	12	245.	328.083	810.	87.	64818.629	254.595	87.9	102.5	597.5	771.
00300	OXYGEN, DISSOLVED MG/L	09/07/67-12/03/69	14	7.95	7.429	11.8	0.9	12.928	3.596	1.75	3.575	10.65	11.5
00304	BOD, 2 DAY, 20 DEG C MG/L	09/07/67-10/11/67	2	38.	38.	60.	16.	968.	31.113	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/07/67-12/03/69	14	5.25	18.636	140.	0.5	1447.629	38.048	0.8	2.1	10.175	100.
00335	COD, .025N K2CR2O7 MG/L	01/27/69-12/03/69	12	32.	41.833	140.	6.	1424.697	37.745	7.5	12.5	63.	118.7
00400	PH (STANDARD UNITS)	09/07/67-12/03/69	13	7.4	7.477	10.1	6.5	0.715	0.846	6.66	7.1	7.55	9.1
00400	CONVERTED PH (STANDARD UNITS)	09/07/67-12/03/69	13	7.4	7.156	10.1	6.5	0.827	0.909	6.66	7.1	7.55	9.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/07/67-12/03/69	13	0.04	0.07	0.316	0.	0.007	0.081	0.01	0.028	0.082	0.24
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/27/69-12/03/69	12	66.	90.5	320.	10.	8754.636	93.566	10.9	26.5	97.25	293.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/27/69-12/03/69	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00500	RESIDUE, TOTAL (MG/L)	09/07/67-10/11/67	2	230.	230.	260.	200.	1800.	42.426	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/07/67-10/11/67	2	165.	165.	190.	140.	1250.	35.355	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/21/69-08/13/69	4	19.85	28.925	71.9	4.1	982.629	31.347	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/07/67-12/03/69	12	23550.	79433.333	590000.	1700.	26828893333.333	163795.279	2510.	5150.	73750.	438200.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/07/67-12/03/69	12	4.313	4.348	5.771	3.23	0.526	0.726	3.354	3.703	4.868	5.517
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			22266.381								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/07/67-12/03/69	14	845.	11220.714	69000.	100.	472749591.758	21742.806	100.	197.5	10825.	55500.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/07/67-12/03/69	14	2.926	3.101	4.839	2.	0.933	0.966	2.	2.295	3.634	4.731
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1262.887								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0050

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	12	0	0.00	5	0	0.00	4	0	0.00	3	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	14	4	0.29	7	4	0.57	4	0	0.00	3	0	0.00			
00400	PH	Fresh Chronic	9.	13	1	0.08	6	1	0.17	4	0	0.00	3	0	0.00			
		Other-Lo Lim.	6.5	13	1	0.08	6	0	0.00	4	1	0.25	3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0050

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	12	12	1.00	7	7	1.00	2	2	1.00	3	3	1.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	14	11	0.79	7	6	0.86	4	2	0.50	3	3	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0051

NPS Station ID: CHCH0051 LAT/LON: 34.951670/ -85.242503 Agency: 131TVAC Date Created: / /
Location: GA HWY 2 BRIDGE EAST OF FT. OGLETHORPE FIPS State/County: 13047 GEORGIA/CATOOSA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 120815
RMI-Indexes: 1021500 007720 00920 6180 0340 0020 0120 Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 013.20 000.90 004.50 01.46
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: TENNESSEE RIVER BASIN Elevation: 0 Water Body Id:
Minor Basin: BLACK BRANCH 1.46 ECO Region:
RF1 Index: 06020001 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 06020001146700.00 RF3 Mile Point: 0.63 Distance from RF3: 0.34 On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0051

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/06/67-12/04/69	14	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/06/67-12/04/69	14	17.3	15.914	25.6	5.8	52.737	7.262	6.15	7.975	22.375	25.6
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/27/69-12/04/69	12	2.	3.083	11.	1.	8.083	2.843	1.	1.25	4.5	9.2
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/27/69-12/04/69	12	22.5	22.083	50.	5.	214.629	14.65	5.6	8.5	33.75	47.
00080	COLOR (PLATINUM-COBALT UNITS)	09/06/67-12/04/69	14	50.	43.036	90.	2.5	948.249	30.794	3.75	10.	65.	90.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/27/69-12/04/69	12	540.	505.	690.	220.	24372.727	156.118	259.	367.5	655.	687.
00300	OXYGEN, DISSOLVED MG/L	09/06/67-12/04/69	14	2.3	3.257	8.5	0.05	10.08	3.175	0.05	0.05	7.	8.35
00304	BOD, 2 DAY, 20 DEG C MG/L	09/06/67-01/27/69	3	3.9	4.933	7.6	3.3	5.423	2.329	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/06/67-12/04/69	14	11.	21.929	60.	2.7	421.147	20.522	3.45	5.975	41.5	56.5
00335	COD, .025N K2CR2O7 MG/L	01/27/69-12/04/69	12	60.	69.583	160.	10.	2046.629	45.24	12.1	31.5	105.75	148.
00400	PH (STANDARD UNITS)	09/06/67-12/04/69	14	7.35	7.421	7.9	7.2	0.045	0.212	7.2	7.275	7.6	7.8
00400	CONVERTED PH (STANDARD UNITS)	09/06/67-12/04/69	14	7.347	7.38	7.9	7.2	0.047	0.216	7.2	7.275	7.6	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/06/67-12/04/69	14	0.045	0.042	0.063	0.013	0.	0.017	0.016	0.025	0.053	0.063
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/27/69-12/04/69	12	160.	165.583	220.	79.	1713.174	41.391	96.1	137.75	207.5	217.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/27/69-12/04/69	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00500	RESIDUE, TOTAL (MG/L)	09/06/67-10/13/67	2	345.	345.	370.	320.	1250.	35.355	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/06/67-10/13/67	2	315.	315.	330.	300.	450.	21.213	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/14/69-08/11/69	3	40.1	39.1	58.8	18.4	408.79	20.219	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/06/67-12/04/69	12	1510000.	4106666.667	15900000.	60000.	**********	5060458.717	93000.	515000.	6425000.	14550000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/06/67-12/04/69	12	6.163	6.191	7.201	4.778	0.553	0.744	4.914	5.693	6.807	7.158
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1550711.011								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/06/67-12/04/69	14	545000.	749642.857	4300000.	21000.	**********	1093315.255	40500.	77000.	907500.	2705000.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/06/67-12/04/69	14	5.733	5.511	6.633	4.322	0.407	0.638	4.55	4.886	5.956	6.339
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			323985.353								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0051

				Total	Exceed	Prop.	----------6/01-10/31----------			----------11/01-2/29----------			----------3/01-5/31----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	12	1	0.08	5	0	0.00	4	1	0.25	3	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	10 &	6	0.60	4	4	1.00	3	1	0.33	3	1	0.33			
00400	PH	Fresh Chronic	9.	14	0	0.00	7	0	0.00	4	0	0.00	3	0	0.00			
		Other-Lo Lim.	6.5	14	0	0.00	7	0	0.00	4	0	0.00	3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0051

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	12	12	1.00	6	6	1.00	3	3	1.00	3	3	1.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	14	14	1.00	7	7	1.00	4	4	1.00	3	3	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0052

NPS Station ID: CHCH0052 | LAT/LON: 34.953615/ -85.074198 | Agency: 11NPSWRD | Date Created: 04/03/99
Location: GACS505R | FIPS State/County: 13047 GEORGIA/CATOOSA
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): CHCH_NURE_29 /3015747
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 06020001 | Depth of Water: 0 | Aquifer:
Major Basin: TENNESSEE RIVER | Elevation: 0 | Water Body Id:
Minor Basin: TENNESSEE R-MAIN STEM & MINOR TRIBS | ECO Region:
RF1 Index: 06020001 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 06020001011302.01 | RF3 Mile Point: 3.41 | Distance from RF3: 0.11 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE RINGGOLD TN-GA 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THIS SITE IS AT A SPRING AND IS LOCATED OUTSIDE OF THE CHICKAMAUGA AND CHATTANOOGA NATIONAL MILITARY PARK BOUNDARIES. EACH SAMPLE WAS FILTERED THROUGH A LESS THAN OR EQUAL TO 0.8 UM FILTER AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATABASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K.D. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATABASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUNDWATER DATA. THE "UNIQID" ENTRY WAS USED TO CREATE THE SECONARY STATION NAME. THE "SRLID" (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) ENTRY WAS USED TO CREATE THE LOCATION. SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY RONDA BURNS; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FT. COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: CHCH0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/24/77-09/24/77	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/77-09/24/77	1	170.	170.	170.	170.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	09/24/77-09/24/77	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	09/24/77-09/24/77	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/24/77-09/24/77	1	0.079	0.079	0.079	0.079	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/24/77-09/24/77	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/24/77-09/24/77	1	1.29	1.29	1.29	1.29	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/24/77-09/24/77	1	53.	53.	53.	53.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	09/24/77-09/24/77	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/24/77-09/24/77	1	34.	34.	34.	34.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/24/77-09/24/77	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	09/24/77-09/24/77	1	3400.	3400.	3400.	3400.	0.	0.	**	**	**	**
82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	09/24/77-09/24/77	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0052

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0053

NPS Station ID: CHCH0053
LAT/LON: 34.957226/ -85.205282
Agency: 131TVAC
Date Created: / /
Location: DYER BRIDGE
FIPS State/County: 13047 GEORGIA/CATOOSA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 120819
RMI-Indexes: 1021500 007720 00920 6180 0340
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 013.20 006.50
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: WEST CHICKAMAUGA CREEK 6.50
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 1.50
On/Off RF1:
RF3 Index: 06020001001301.44
RF3 Mile Point: 1.43
Distance from RF3: 0.05
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/06/67-08/29/80	19	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/06/67-08/29/80	19	17.5	17.421	27.	7.5	37.347	6.111	7.8	11.1	23.	24.4
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/28/69-12/01/69	12	53.5	378.	1700.	42.	380845.273	617.127	43.8	49.25	325.	1688.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/28/69-12/01/69	12	10.	23.333	100.	2.	1079.879	32.862	2.9	6.	18.75	95.5
00080	COLOR (PLATINUM-COBALT UNITS)	09/06/67-12/01/69	14	15.	20.893	100.	2.5	617.891	24.857	2.5	4.375	26.25	65.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/28/69-08/29/80	16	270.	285.	470.	140.	6853.333	82.785	161.	237.5	345.	407.
00300	OXYGEN, DISSOLVED MG/L	09/06/67-08/29/80	19	4.9	4.821	10.9	0.2	7.155	2.675	0.5	2.9	6.5	8.2
00303	BOD, 1DAY, 20 DEG C MG/L	10/18/72-10/18/72	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00304	BOD, 2 DAY, 20 DEG C MG/L	09/06/67-10/18/72	3	1.2	1.3	1.7	1.	0.13	0.361	**	**	**	**
00305	BOD, 3 DAY, 20 DEG C MG/L	10/18/72-10/18/72	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
00306	BOD, 4 DAY, 20 DEG C MG/L	10/18/72-10/18/72	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/06/67-08/29/80	18	2.8	2.894	5.9	0.5	2.493	1.579	1.04	1.7	3.775	5.81
00335	COD, .025N K2CR2O7 MG/L	01/28/69-12/01/69	12	23.	82.083	750.	7.	44312.629	210.506	8.8	14.5	30.75	535.5
00400	PH (STANDARD UNITS)	09/06/67-08/29/80	18	7.55	7.556	8.4	7.	0.087	0.296	7.27	7.4	7.7	7.95
00400	CONVERTED PH (STANDARD UNITS)	09/06/67-08/29/80	18	7.547	7.475	8.4	7.	0.094	0.307	7.27	7.4	7.7	7.95
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/06/67-08/29/80	18	0.028	0.033	0.1	0.004	0.	0.021	0.012	0.02	0.04	0.055
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/28/69-08/29/80	16	120.	110.813	150.	50.	703.363	26.521	59.8	97.	120.	150.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/28/69-08/29/80	16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00500	RESIDUE, TOTAL (MG/L)	09/06/67-12/01/69	14	210.	217.857	360.	150.	4587.363	67.73	150.	160.	260.	345.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/06/67-12/01/69	14	170.	176.429	290.	80.	2655.495	51.531	110.	140.	202.5	270.
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/28/69-08/29/80	15	0.51	0.613	1.3	0.12	0.156	0.395	0.156	0.24	0.98	1.3
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/28/69-08/29/80	15	0.11	0.246	2.3	0.005	0.33	0.574	0.008	0.04	0.17	1.076
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/28/69-10/18/72	13	0.03	0.04	0.11	0.005	0.001	0.034	0.007	0.015	0.065	0.106
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/28/69-10/18/72	13	0.32	0.39	1.2	0.02	0.127	0.356	0.02	0.075	0.615	1.072
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/30/80-08/29/80	2	0.24	0.24	0.26	0.22	0.001	0.028	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/30/80-08/29/80	2	0.395	0.395	0.43	0.36	0.002	0.049	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/28/69-12/01/69	12	0.201	0.247	0.587	0.033	0.028	0.166	0.043	0.093	0.359	0.538
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	02/27/69-12/01/69	11	0.137	0.149	0.391	0.01	0.014	0.119	0.014	0.065	0.212	0.373
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/19/69-08/04/69	4	7.	7.4	11.8	3.8	11.047	3.324	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	01/28/69-12/01/69	12	30.5	30.167	43.	20.	45.606	6.753	20.6	24.25	32.75	42.1
00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/28/69-12/01/69	12	7.5	6.733	11.	2.	9.126	3.021	2.3	3.975	9.	10.7
00929	SODIUM, TOTAL (MG/L AS NA)	01/28/69-12/01/69	12	7.35	9.108	35.	0.5	109.437	10.461	0.62	1.6	9.875	31.7
00937	POTASSIUM, TOTAL MG/L AS K)	01/28/69-12/01/69	12	1.7	2.058	6.5	0.7	2.248	1.499	0.79	1.2	2.3	5.3
00940	CHLORIDE,TOTAL IN WATER MG/L	01/28/69-12/01/69	12	6.5	8.583	22.	2.	34.992	5.915	2.6	4.	13.25	19.9
00945	SULFATE, TOTAL (MG/L AS SO4)	01/28/69-12/01/69	12	14.5	20.417	70.	5.	391.72	19.792	5.3	7.25	22.5	64.
00951	FLUORIDE, TOTAL (MG/L AS F)	01/28/69-12/01/69	12	0.06	0.064	0.09	0.05	0.	0.012	0.05	0.053	0.07	0.087
00956	SILICA, TOTAL (MG/L AS SI02)	01/28/69-12/01/69	12	6.3	6.275	9.3	3.7	2.066	1.437	4.	5.525	7.175	8.7
01045	IRON, TOTAL (UG/L AS FE)	01/28/69-12/01/69	12	315.	454.167	2000.	150.	250862.879	500.862	162.	235.	375.	1586.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01046	IRON, DISSOLVED (UG/L AS FE)	01/28/69-12/01/69	12	110.	153.333	400.	25.	16310.606	127.713	25.	50.	280.	370.
01047	IRON, FERROUS (UG/L AS FE)	01/28/69-12/01/69	12 ##	25.	47.917	200.	25.	2779.356	52.72	25.	25.	43.75	170.
01055	MANGANESE, TOTAL (UG/L AS MN)	01/28/69-12/01/69	12	165.	184.167	450.	50.	16990.152	130.346	53.	65.	262.5	426.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	02/27/69-12/01/69	11	70.	131.818	450.	30.	18276.364	135.19	32.	50.	210.	422.
01501	ALPHA, TOTAL	01/28/69-12/01/69	12 ##	0.5	0.708	3.	0.5	0.521	0.722	0.5	0.5	0.5	2.25
01503	ALPHA, DISSOLVED	01/28/69-12/01/69	12 ##	0.5	0.625	2.	0.5	0.188	0.433	0.5	0.5	0.5	1.55
03501	BETA, TOTAL	01/28/69-12/01/69	12	3.5	6.	20.	1.	38.182	6.179	1.3	2.	7.5	19.1
03503	BETA, DISSOLVED	01/28/69-12/01/69	12	2.	3.25	9.	1.	6.023	2.454	1.3	2.	4.5	8.4
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/06/67-07/30/80	15	3000.	6771.333	30000.	100.	85011469.524	9220.166	220.	570.	7000.	24600.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/06/67-07/30/80	15	3.477	3.397	4.477	2.	0.51	0.714	2.286	2.756	3.845	4.384
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2493.109								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/06/67-07/30/80	16	155.	1321.563	14300.	5.	12510119.063	3536.965	29.5	75.	762.5	6320.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/06/67-07/30/80	16	2.188	2.346	4.155	0.699	0.661	0.813	1.331	1.872	2.866	3.67
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			221.75								
46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	01/28/69-12/01/69	12	103.	103.25	150.	58.	692.205	26.31	61.6	87.75	117.5	147.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0053

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	12	2	0.17	5	0	0.00	4	0	0.00	3	2	0.67			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	19	7	0.37	12	5	0.42	4	2	0.50	3	0	0.00			
00400	PH	Fresh Chronic	9.	18	0	0.00	11	0	0.00	4	0	0.00	3	0	0.00			
		Other-Lo Lim.	6.5	18	0	0.00	11	0	0.00	4	0	0.00	3	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	13	0	0.00	6	0	0.00	4	0	0.00	3	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	13	0	0.00	6	0	0.00	4	0	0.00	3	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00	2	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	12	0	0.00	5	0	0.00	4	0	0.00	3	0	0.00			
		Drinking Water	250.	12	0	0.00	5	0	0.00	4	0	0.00	3	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	12	0	0.00	5	0	0.00	4	0	0.00	3	0	0.00			
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	12	0	0.00	5	0	0.00	4	0	0.00	3	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	15	11	0.73	8	6	0.75	4	2	0.50	3	3	1.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	16	7	0.44	9	1	0.11	4	3	0.75	3	3	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 6/01 to 10/31 - Station CHCH0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/06/67-08/29/80	12	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/06/67-08/29/80	12	21.95	21.058	27.	14.	13.761	3.71	14.81	17.625	23.375	26.22
00300	OXYGEN, DISSOLVED MG/L	09/06/67-08/29/80	12	4.8	3.992	6.3	0.2	3.334	1.826	0.65	2.45	5.2	6.09
00310	BOD, 5 DAY, 20 DEG C MG/L	09/06/67-08/29/80	11	2.	2.291	4.3	0.5	1.331	1.154	0.62	1.3	3.2	4.16

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 2/29 - Station CHCH0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/06/67-08/29/80	4	1.	1.	1.	1.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/06/67-08/29/80	4	8.4	8.85	11.1	7.5	2.67	1.634	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/06/67-08/29/80	4	4.9	5.3	10.9	0.5	19.947	4.466	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/06/67-08/29/80	4	3.35	3.575	5.8	1.8	2.776	1.666	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 3/01 to 5/31 - Station CHCH0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/06/67-08/29/80	3	1.	1.	1.	1.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/06/67-08/29/80	3	15.5	14.3	17.5	9.9	15.52	3.94	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/06/67-08/29/80	3	7.8	7.5	8.2	6.5	0.79	0.889	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/06/67-08/29/80	3	5.	4.2	5.9	1.7	4.89	2.211	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: CHCH0054

NPS Station ID: CHCH0054 LAT/LON: 34.957226/ -85.205559 Agency: 112WRD Date Created: / /
Location: W CHICKAMAUGA CR AT CLD SPGS RD NR LAKEVIEW, GA. FIPS State/County: 13047 GEORGIA/CATOOSA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 03567340
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 06020001 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 06020001001301.44 RF3 Mile Point: 1.43 Distance from RF3: 0.01 On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0054

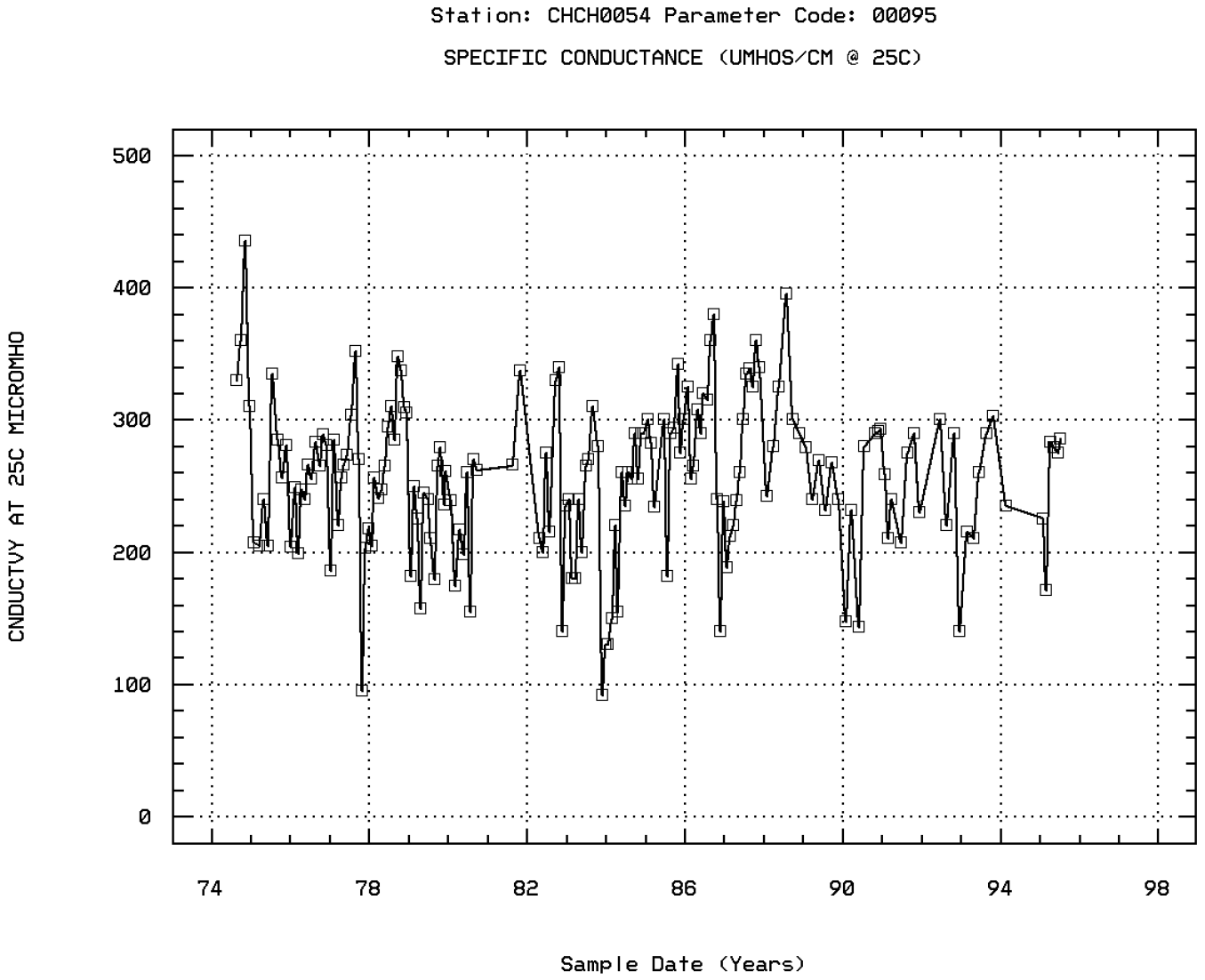
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/20/74-07/13/95	201	16.	15.798	27.	1.	40.268	6.346	7.52	10.25	21.5	24.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/22/75-07/13/95	190	19.	18.04	35.5	-6.5	98.277	9.913	7.5	10.375	26.125	30.95
00025	BAROMETRIC PRESSURE (MM OF HG)	04/28/81-07/13/95	120	749.	748.667	764.	732.	28.594	5.347	741.1	745.25	752.	754.9
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/20/74-02/22/94	182	108.5	258.143	2640.	20.	131161.615	362.162	42.3	60.75	303.25	579.1
00065	STAGE, STREAM (FEET)	08/20/74-07/13/95	201	2.04	2.922	11.45	0.29	4.864	2.206	1.142	1.61	3.545	6.144
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/20/74-09/27/83	103	13.	17.68	112.	4.	287.847	16.966	7.	9.	18.	29.4
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/25/83-07/13/95	96	14.5	26.073	217.	4.	1126.574	33.564	5.7	8.	28.	72.9
00080	COLOR (PLATINUM-COBALT UNITS)	08/20/74-06/07/77	29	10.	12.81	50.	2.5	133.99	11.575	2.5	5.	17.5	35.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/20/74-07/13/95	175	260.	256.394	435.	92.	3299.217	57.439	180.	220.	290.	330.
00300p	OXYGEN, DISSOLVED MG/L	08/20/74-07/13/95	192	7.4	7.438	12.	3.4	4.866	2.206	4.7	5.5	9.275	10.27
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/28/81-01/26/83	19	73.	72.895	93.	48.	211.544	14.545	51.	60.	87.	91.
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/20/74-07/13/95	191	1.3	1.535	6.	0.05	0.637	0.798	0.7	1.	2.	2.5
00335	COD, .025N K2CR2O7 MG/L	07/24/79-01/03/95	47	12.4	13.991	43.7	2.5	55.669	7.461	7.64	9.4	16.	23.28
00340	COD, .25N K2CR2O7 MG/L	12/11/79-12/11/79	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00400p	PH (STANDARD UNITS)	08/20/74-07/13/95	189	7.6	7.584	8.1	6.9	0.038	0.194	7.3	7.5	7.7	7.8
00400p	CONVERTED PH (STANDARD UNITS)	08/20/74-07/13/95	189	7.6	7.536	8.1	6.9	0.04	0.2	7.3	7.5	7.7	7.8
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/20/74-07/13/95	189	0.025	0.029	0.126	0.008	0.	0.017	0.016	0.02	0.032	0.05
00403	PH, LAB, STANDARD UNITS SU	10/28/80-07/13/95	132	7.7	7.695	8.2	6.7	0.031	0.177	7.5	7.6	7.8	7.9
00403	CONVERTED PH, LAB, STANDARD UNITS	10/28/80-07/13/95	132	7.7	7.647	8.2	6.7	0.034	0.184	7.5	7.6	7.8	7.9
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/28/80-07/13/95	132	0.02	0.023	0.2	0.006	0.	0.018	0.013	0.016	0.025	0.032
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/20/74-09/24/80	55	119.	116.	164.	69.	480.111	21.911	81.8	99.	129.	143.6
00417	ALKALINITY,FIXED ENDPOINT TITRATION, USGS LAB MG/L	10/27/87-07/13/95	49	117.	111.265	145.	5.	700.324	26.464	77.	96.5	129.5	143.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/19/77-07/13/95	168	19.	31.616	220.	0.5	1553.105	39.409	6.	10.	33.	66.6
00600	NITROGEN, TOTAL (MG/L AS N)	08/28/79-12/22/82	16	1.1	1.147	1.8	0.67	0.096	0.31	0.74	0.97	1.275	1.8
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/28/79-12/22/82	15	0.46	0.486	1.4	0.04	0.108	0.329	0.046	0.34	0.64	1.022
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/20/74-07/13/95	199	0.06	0.065	0.28	0.01	0.002	0.046	0.015	0.03	0.09	0.12
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/28/79-01/03/95	47	0.4	0.479	1.5	0.1	0.055	0.235	0.2	0.4	0.6	0.7
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/20/74-07/13/95	200	0.56	0.588	1.49	0.16	0.048	0.22	0.341	0.44	0.698	0.84
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	08/20/74-07/13/95	200	0.22	0.365	1.78	0.04	0.123	0.351	0.091	0.14	0.468	0.889
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	08/20/74-07/13/95	193	4.	5.066	41.	0.5	26.115	5.11	1.9	2.8	6.	8.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/20/74-07/25/90	164	122.	114.976	174.	1.	515.57	22.706	85.	106.	130.	134.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/27/82-05/25/88	62	5.	5.516	19.	0.	29.664	5.446	0.	0.	9.25	15.
00903	HARDNESS,NON-CARBONATE,FIXED ENDPT. TIT. LAB MG/L	10/27/87-09/27/88	7	0.	6.571	40.	0.	220.619	14.853	**	**	**	**
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/20/74-07/13/95	189	490.	2202.667	35000.	9.	18465047.255	4297.098	91.	215.	2300.	7000.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/20/74-07/13/95	189	2.69	2.823	4.544	0.954	0.471	0.686	1.959	2.332	3.362	3.845
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			665.866								
71887	NITROGEN, TOTAL, AS NO3 - MG/L	08/28/79-12/22/82	16	4.85	5.069	8.1	3.	1.829	1.352	3.28	4.275	5.5	7.89

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

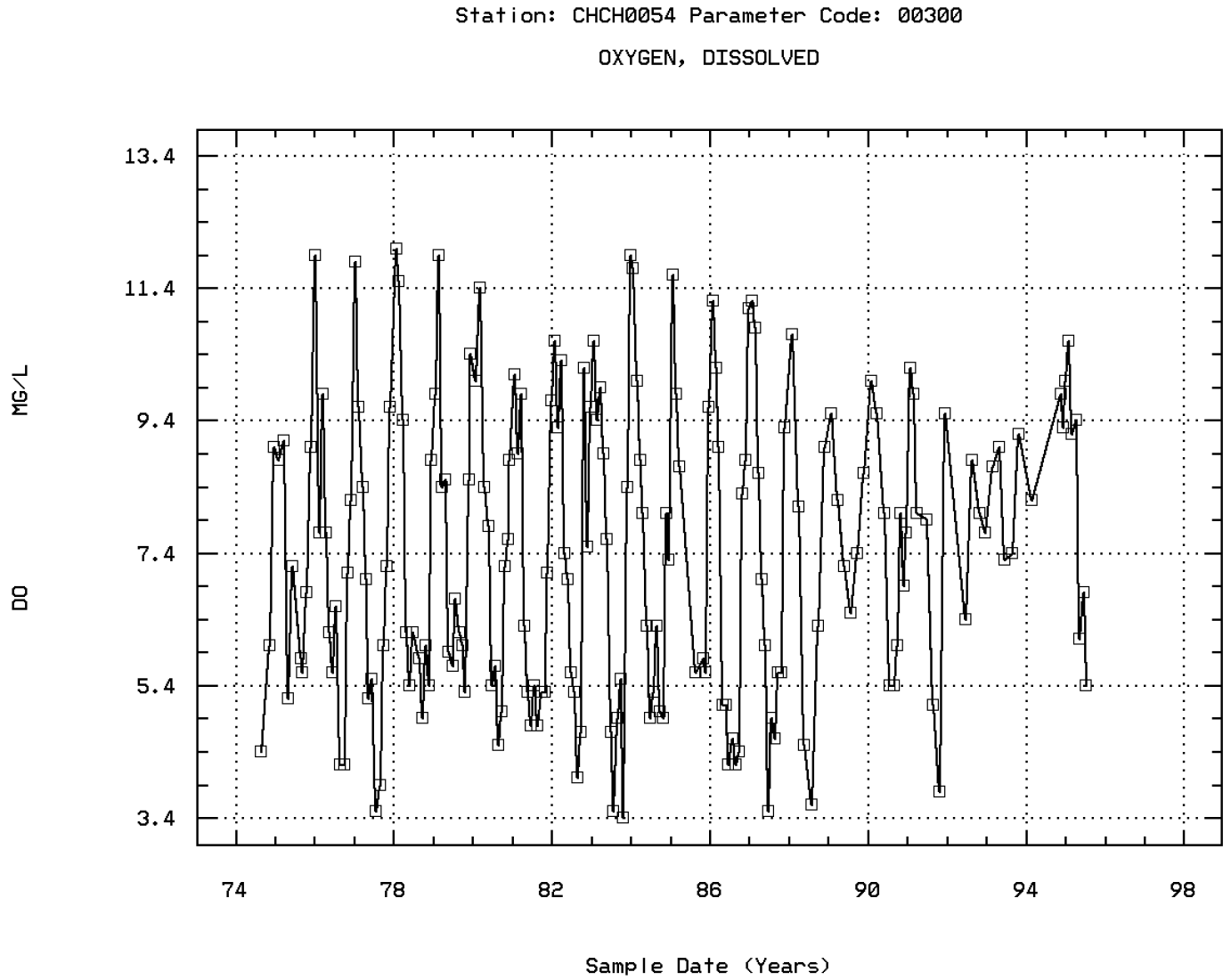
EPA Water Quality Criteria Analysis for Station: CHCH0054

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	103	5	0.05	44	1	0.02	33	3	0.09	26	1	0.04			
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	96	13	0.14	39	2	0.05	34	7	0.21	23	4	0.17			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	192	8	0.04	79	8	0.10	66	0	0.00	47	0	0.00			
00400	PH	Fresh Chronic	9.	189	0	0.00	83	0	0.00	60	0	0.00	46	0	0.00			
		Other-Lo Lim.	6.5	189	0	0.00	83	0	0.00	60	0	0.00	46	0	0.00			
00403	PH, LAB	Fresh Chronic	9.	132	0	0.00	54	0	0.00	46	0	0.00	32	0	0.00			
		Other-Lo Lim.	6.5	132	0	0.00	54	0	0.00	46	0	0.00	32	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	200	0	0.00	84	0	0.00	67	0	0.00	49	0	0.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	188 &	144	0.77	77	59	0.77	63	51	0.81	48	34	0.71			

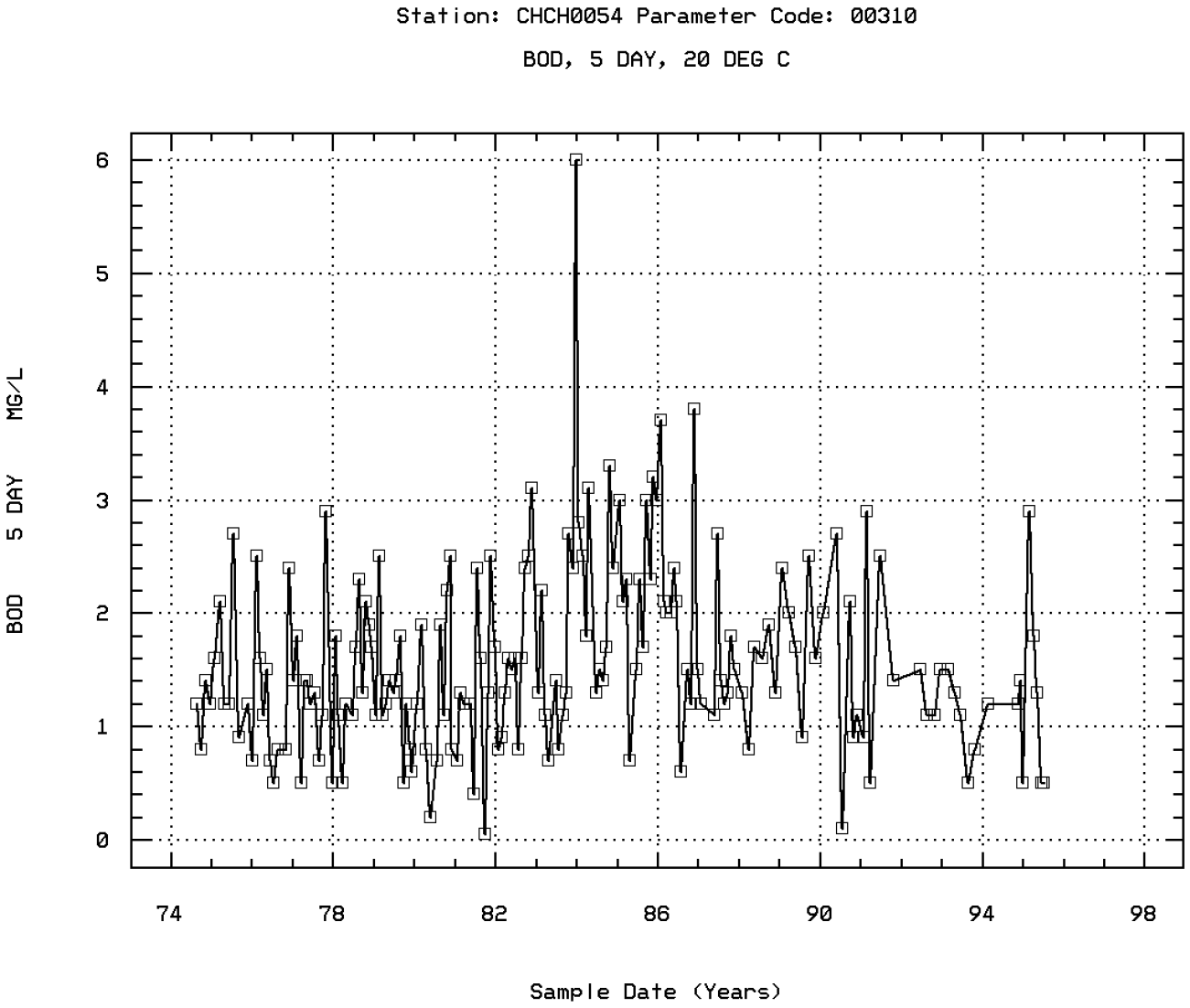
& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



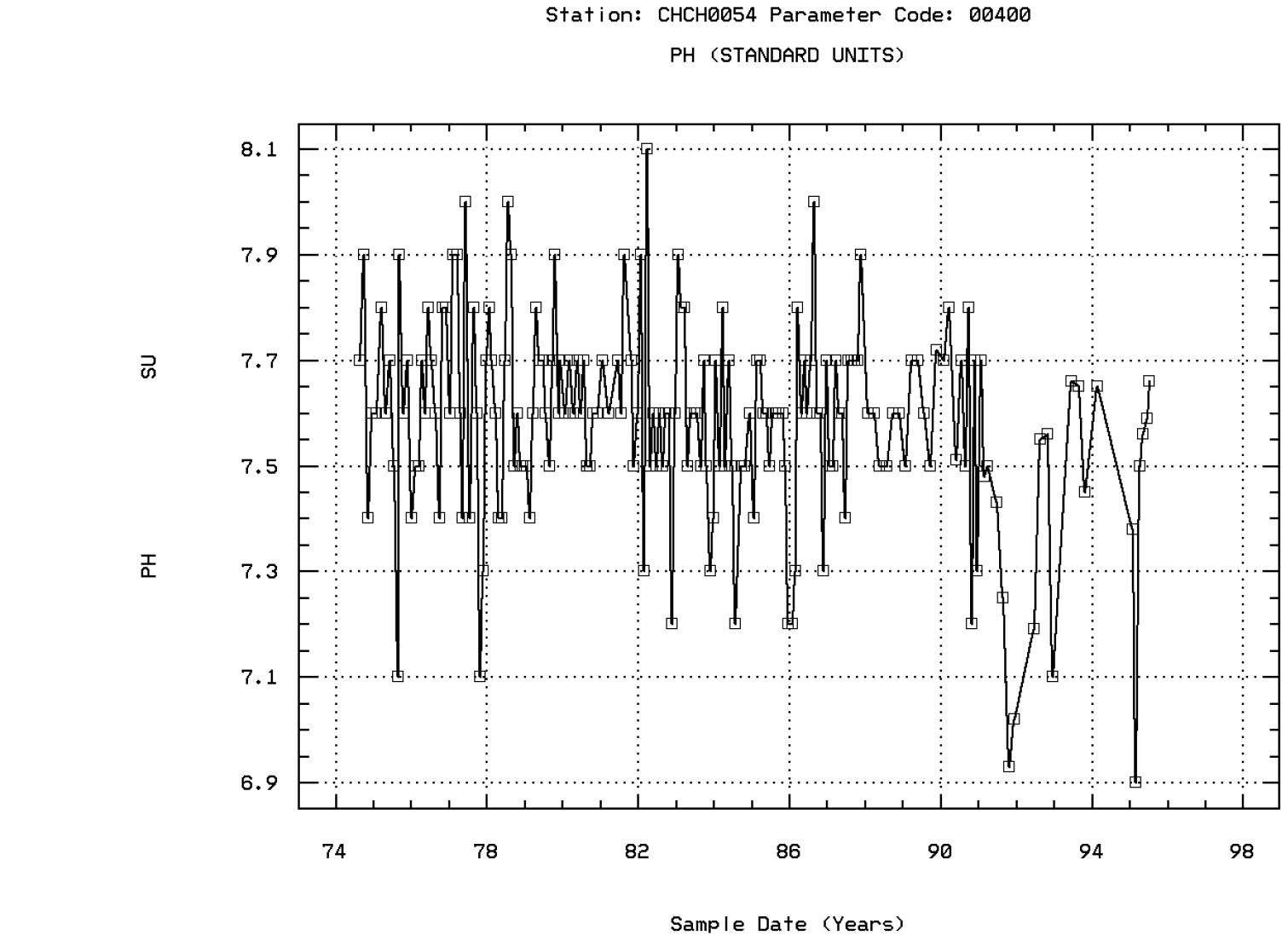
W CHICKAMAUGA CR AT CLD SPGS RD NR LAKE



W CHICKAMAUGA CR AT CLD SPGS RD NR LAKE



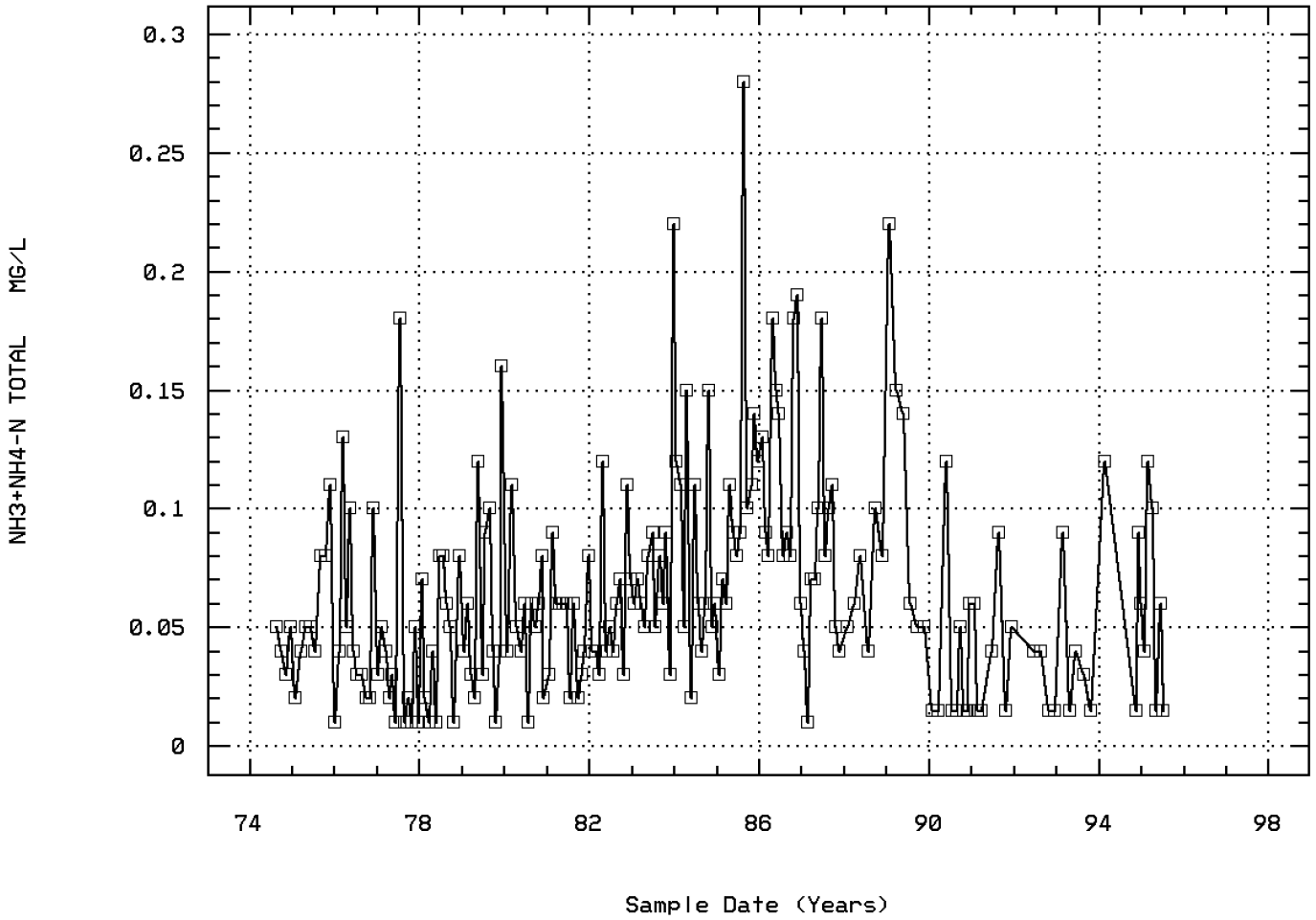
W CHICKAMAUGA CR AT CLD SPGS RD NR LAKE



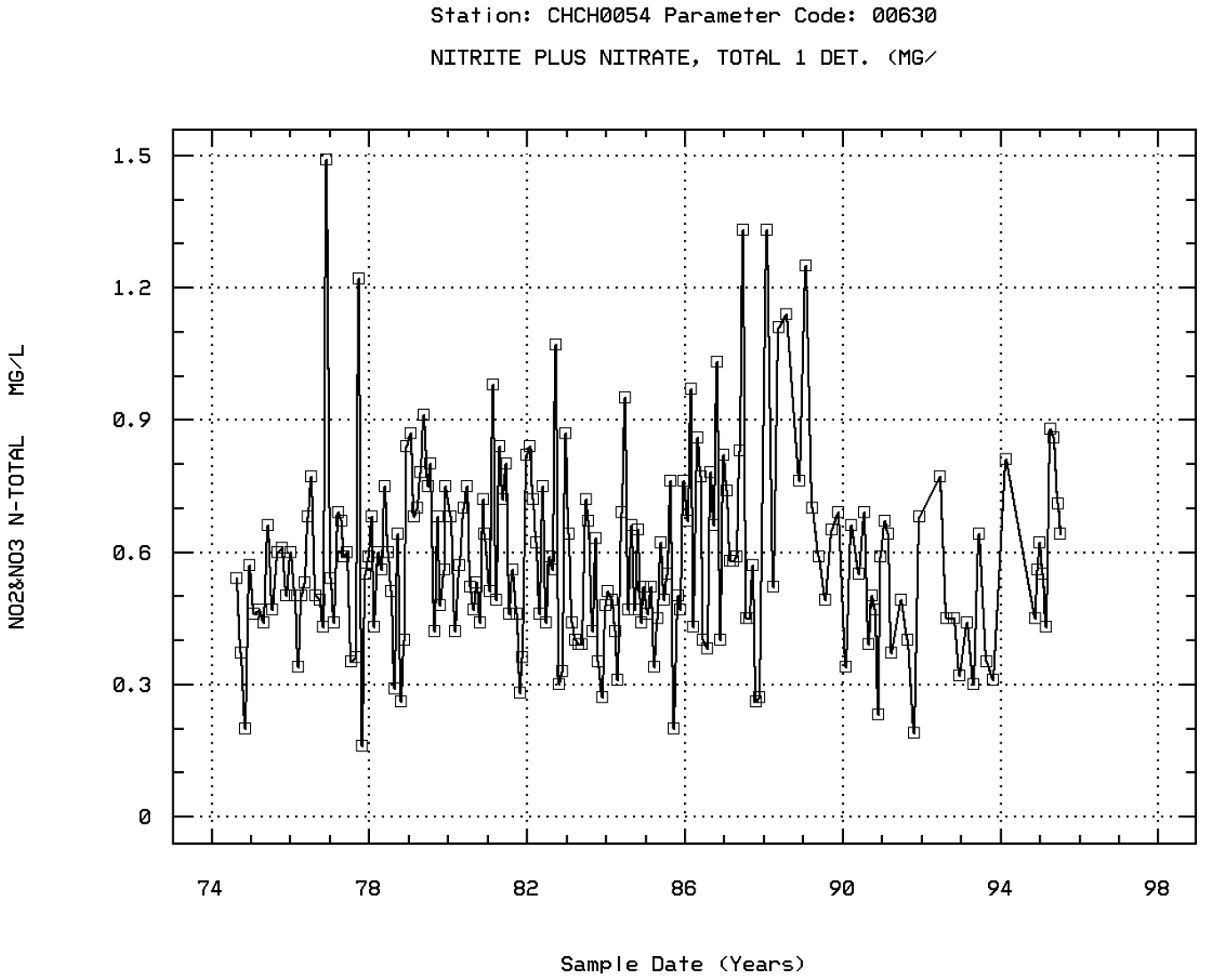
W CHICKAMAUGA CR AT CLD SPGS RD NR LAKE

Station: CHCH0054 Parameter Code: 00610

NITROGEN, AMMONIA, TOTAL (MG/L AS N)



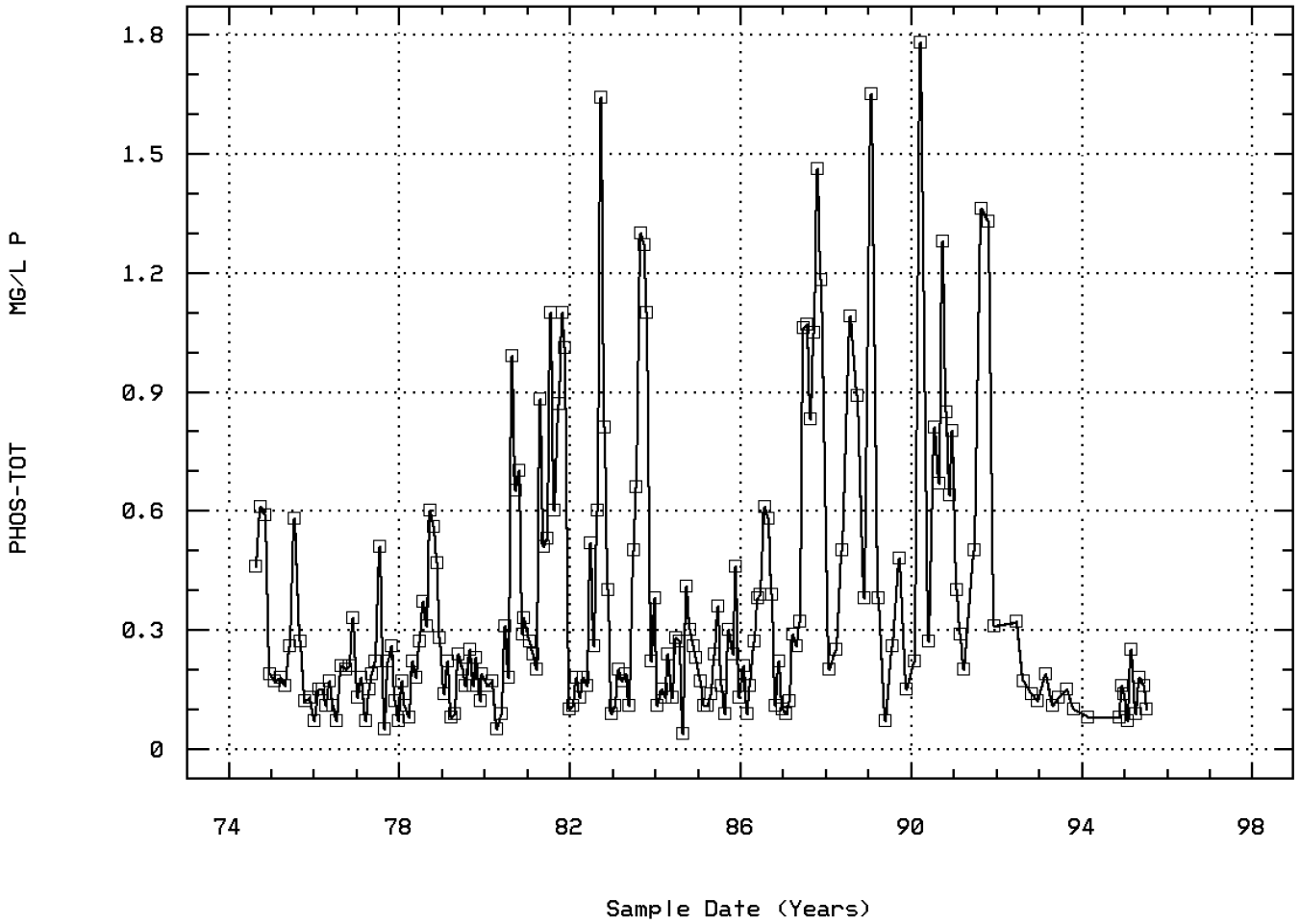
W CHICKAMAUGA CR AT CLD SPGS RD NR LAKE



W CHICKAMAUGA CR AT CLD SPGS RD NR LAKE

Station: CHCH0054 Parameter Code: 00665

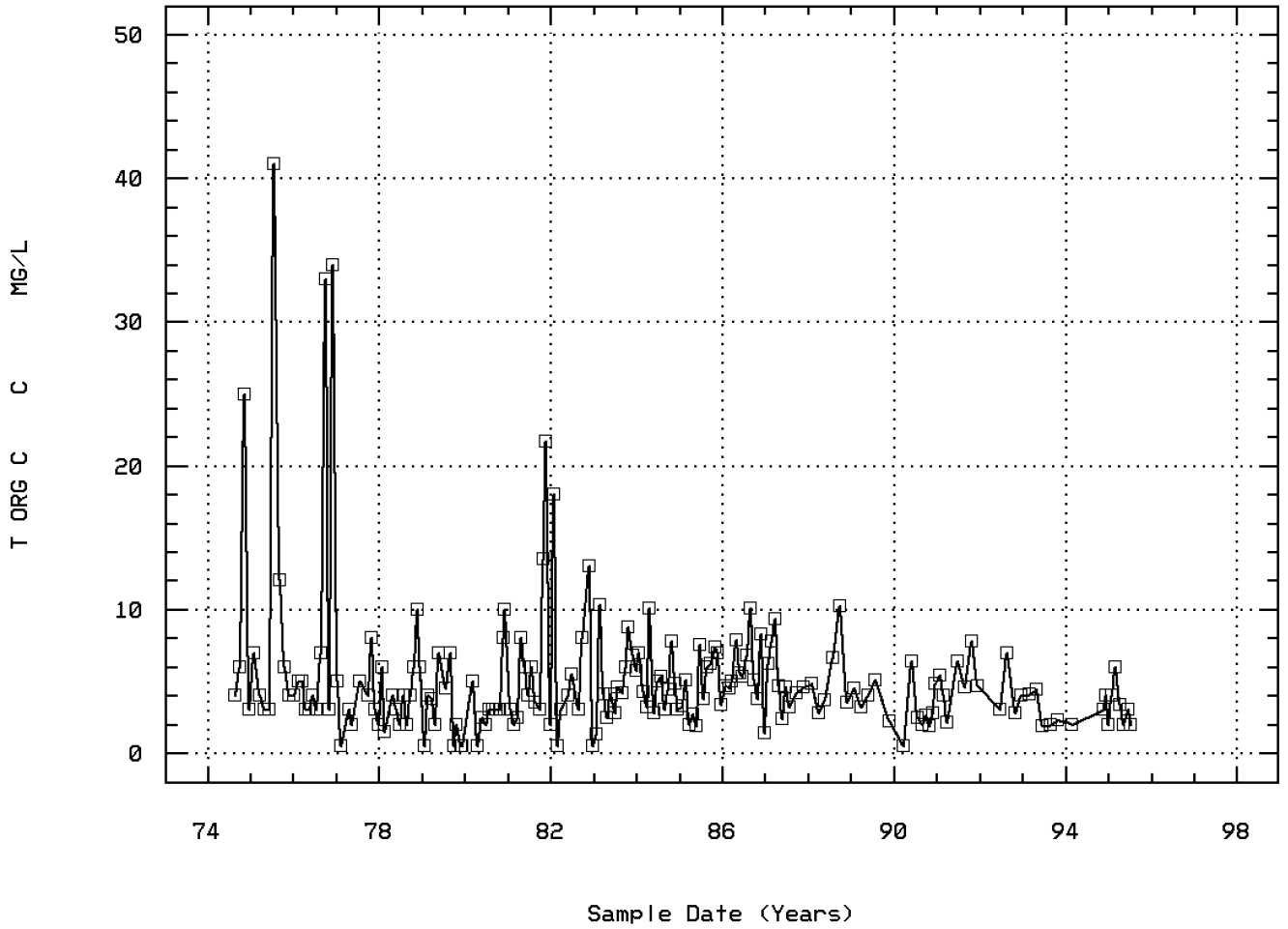
PHOSPHORUS, TOTAL (MG/L AS P)



W CHICKAMAUGA CR AT CLD SPGS RD NR LAKE

Station: CHCH0054 Parameter Code: 00680

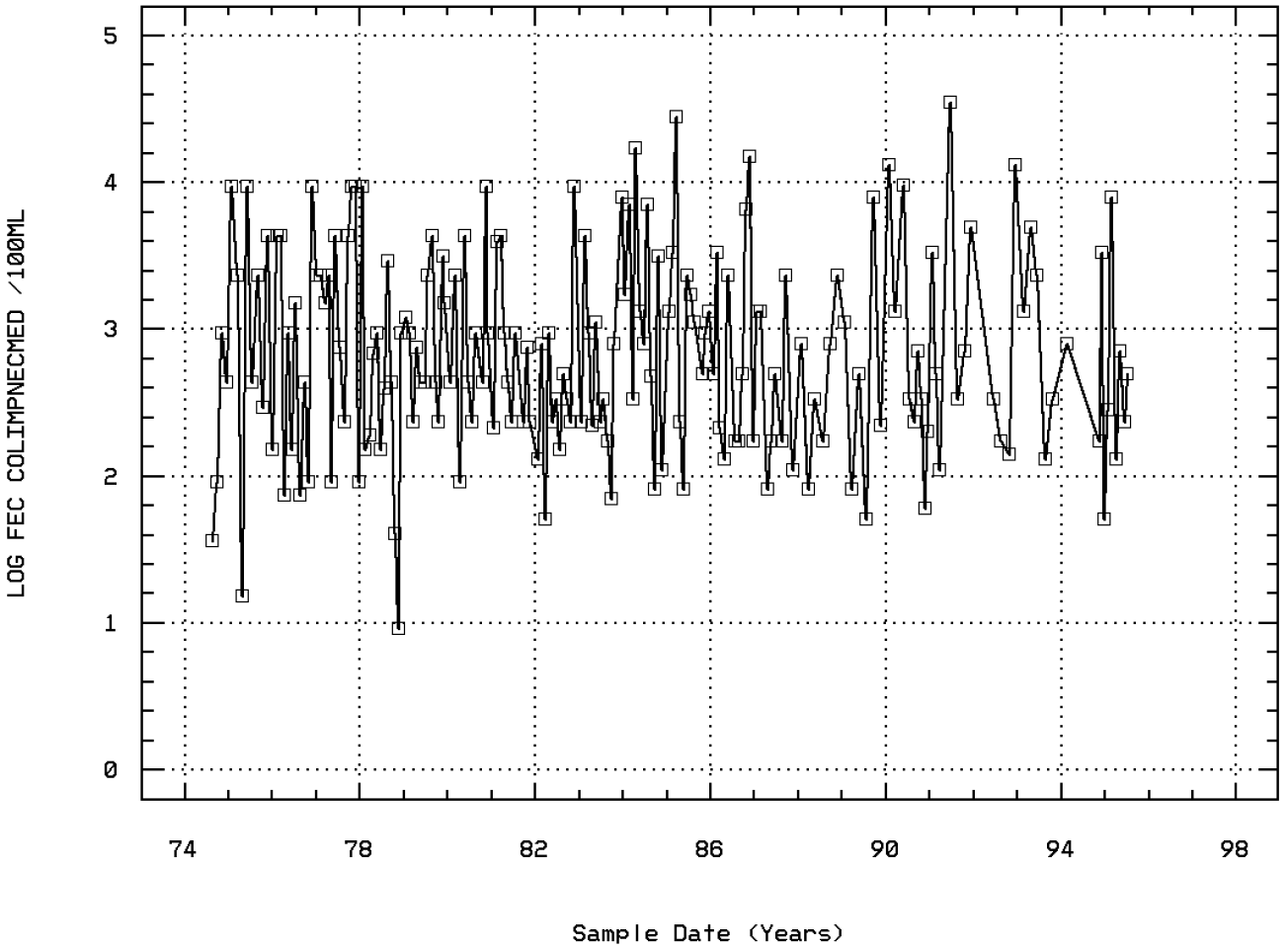
CARBON, TOTAL ORGANIC (MG/L AS C)



W CHICKAMAUGA CR AT CLD SPGS RD NR LAKE

Station: CHCH0054 Parameter Code: 31615

LOG FECAL COLIFORM,MPN,EC MED,44.5C (TU



W CHICKAMAUGA CR AT CLD SPGS RD NR LAKE

Annual Analysis for 1974 - Station CHCH0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/20/74-07/13/95	4	14.5	14.5	23.	6.	54.167	7.36	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/20/74-02/22/94	4	47.5	55.25	95.	31.	810.917	28.477	**	**	**	**
00065	STAGE, STREAM (FEET)	08/20/74-07/13/95	4	1.805	1.87	2.26	1.61	0.082	0.286	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/20/74-09/27/83	4	7.5	8.5	15.	4.	25.667	5.066	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/20/74-07/13/95	4	345.	358.75	435.	310.	3006.25	54.829	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/20/74-07/13/95	3	6.	6.467	9.	4.4	5.453	2.335	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/20/74-07/13/95	4	1.2	1.15	1.4	0.8	0.063	0.252	**	**	**	**
00400	PH (STANDARD UNITS)	08/20/74-07/13/95	4	7.65	7.65	7.9	7.4	0.043	0.208	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/20/74-07/13/95	4	7.647	7.613	7.9	7.4	0.045	0.212	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/20/74-07/13/95	4	0.023	0.024	0.04	0.013	0.	0.012	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/20/74-07/13/95	4	0.045	0.043	0.05	0.03	0.	0.01	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/20/74-07/13/95	4	0.455	0.42	0.57	0.2	0.029	0.171	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/20/74-07/13/95	4	0.525	0.463	0.61	0.19	0.037	0.193	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/20/74-07/13/95	4	5.	9.5	25.	3.	108.333	10.408	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/20/74-07/25/90	4	129.5	129.75	134.	126.	10.917	3.304	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/20/74-07/13/95	4	260.5	371.75	930.	36.	168861.583	410.928	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/20/74-07/13/95	4	2.296	2.279	2.968	1.556	0.409	0.639	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			190.25								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station CHCH0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/20/74-07/13/95	9	19.	16.556	22.5	8.	33.278	5.769	8.	9.75	21.5	22.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/22/75-07/13/95	3	26.	23.667	27.	18.	24.333	4.933	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/20/74-02/22/94	7	87.	103.429	206.	35.	5196.286	72.085	**	**	**	**
00065	STAGE, STREAM (FEET)	08/20/74-07/13/95	9	2.74	3.383	7.47	1.66	5.338	2.31	1.66	1.68	5.14	7.47
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/20/74-09/27/83	8	9.5	18.375	46.	6.	232.839	15.259	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/20/74-07/13/95	8	248.	251.75	335.	205.	2203.071	46.937	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/20/74-07/13/95	8	7.	7.188	9.1	5.2	2.584	1.608	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/20/74-07/13/95	8	1.2	1.488	2.7	0.9	0.384	0.62	**	**	**	**
00400	PH (STANDARD UNITS)	08/20/74-07/13/95	9	7.6	7.611	7.9	7.1	0.051	0.226	7.1	7.55	7.75	7.9
00400	CONVERTED PH (STANDARD UNITS)	08/20/74-07/13/95	9	7.6	7.548	7.9	7.1	0.056	0.236	7.1	7.55	7.75	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/20/74-07/13/95	9	0.025	0.028	0.079	0.013	0.	0.02	0.013	0.018	0.028	0.079
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/20/74-07/13/95	8	0.05	0.059	0.11	0.02	0.001	0.029	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/20/74-07/13/95	8	0.485	0.526	0.66	0.44	0.007	0.084	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/20/74-07/13/95	8	0.175	0.234	0.58	0.12	0.023	0.15	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/20/74-07/13/95	8	5.	10.	41.	3.	165.714	12.873	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/20/74-07/25/90	8	124.5	120.125	138.	94.	249.554	15.797	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/20/74-07/13/95	8	2300.	3529.375	9300.	15.	14666760.268	3829.721	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/20/74-07/13/95	8	3.362	3.071	3.968	1.176	0.893	0.945	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1176.877								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station CHCH0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/20/74-07/13/95	11	13.	13.955	22.5	4.	37.273	6.105	4.8	9.	20.5	22.2
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/22/75-07/13/95	11	14.5	15.	29.	-3.5	92.4	9.612	5.9	-3.5	24.5	28.5
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/20/74-02/22/94	11	112.	237.636	880.	52.	76816.055	277.157	52.2	72.	496.	814.4
00065	STAGE, STREAM (FEET)	08/20/74-07/13/95	11	2.4	2.917	6.	1.66	2.261	1.504	1.696	1.86	4.58	5.782
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/20/74-09/27/83	11	13.	14.545	27.	4.	89.073	9.438	4.	5.	25.	26.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/20/74-07/13/95	11	255.	252.545	289.	199.	883.273	29.72	200.	240.	281.	287.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station CHCH0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300	OXYGEN, DISSOLVED MG/L	08/20/74-07/13/95	11	7.1	7.2	11.9	4.2	5.228	2.286	4.2	5.6	8.2	11.48
00310	BOD, 5 DAY, 20 DEG C MG/L	08/20/74-07/13/95	11	1.	1.236	2.5	0.5	0.473	0.687	0.54	0.7	1.6	2.48
00400	PH (STANDARD UNITS)	08/20/74-07/13/95	11	7.6	7.618	7.8	7.4	0.024	0.154	7.4	7.5	7.8	7.8
00400	CONVERTED PH (STANDARD UNITS)	08/20/74-07/13/95	11	7.6	7.593	7.8	7.4	0.024	0.156	7.4	7.5	7.8	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/20/74-07/13/95	11	0.025	0.026	0.04	0.016	0.	0.009	0.016	0.016	0.032	0.04
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/20/74-07/13/95	11	0.04	0.052	0.13	0.01	0.002	0.04	0.012	0.02	0.1	0.124
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/20/74-07/13/95	11	0.5	0.621	1.49	0.34	0.097	0.311	0.358	0.49	0.68	1.346
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/20/74-07/13/95	11	0.15	0.162	0.33	0.07	0.006	0.075	0.07	0.11	0.21	0.306
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/20/74-07/13/95	11	4.	9.455	34.	3.	142.873	11.953	3.	3.	7.	33.8
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/20/74-07/25/90	11	122.	119.091	136.	96.	177.291	13.315	96.	111.	128.	135.4
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/20/74-07/13/95	11	430.	1936.091	9300.	73.	8560081.091	2925.762	73.	91.	4300.	8300.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/20/74-07/13/95	11	2.633	2.732	3.968	1.863	0.614	0.784	1.863	1.959	3.633	3.901
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			539.435								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station CHCH0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/20/74-07/13/95	12	13.75	14.083	24.	2.5	54.856	7.406	3.1	7.375	21.125	23.85
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/22/75-07/13/95	12	14.25	14.25	32.5	-6.5	193.795	13.921	4.75	-5.375	29.375	31.75
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/20/74-02/22/94	12	188.	484.833	2640.	50.	548846.697	740.842	53.3	77.5	542.	2169.
00065	STAGE, STREAM (FEET)	08/20/74-07/13/95	12	2.83	3.878	11.45	1.55	8.412	2.9	1.592	1.875	4.853	10.142
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/20/74-09/27/83	12	16.5	22.417	78.	8.	354.811	18.836	8.6	11.25	26.	63.9
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/20/74-07/13/95	12	261.	244.	352.	95.	4326.182	65.774	122.3	206.75	282.	337.6
00300	OXYGEN, DISSOLVED MG/L	08/20/74-07/13/95	11	7.	7.064	11.8	3.5	6.687	2.586	3.58	5.2	9.6	11.36
00310	BOD, 5 DAY, 20 DEG C MG/L	08/20/74-07/13/95	12	1.25	1.267	2.9	0.5	0.419	0.647	0.5	0.775	1.4	2.57
00400	PH (STANDARD UNITS)	08/20/74-07/13/95	12	7.6	7.608	8.	7.1	0.074	0.271	7.16	7.4	7.875	7.97
00400	CONVERTED PH (STANDARD UNITS)	08/20/74-07/13/95	12	7.6	7.528	8.	7.1	0.081	0.284	7.16	7.4	7.875	7.97
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/20/74-07/13/95	12	0.025	0.03	0.079	0.01	0.	0.02	0.011	0.013	0.04	0.071
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/19/77-07/13/95	6	25.5	26.167	46.	8.	252.167	15.88	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/20/74-07/13/95	12	0.025	0.038	0.18	0.01	0.002	0.047	0.01	0.01	0.048	0.141
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/20/74-07/13/95	12	0.57	0.563	1.22	0.16	0.066	0.257	0.217	0.38	0.653	1.061
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/20/74-07/13/95	12	0.165	0.181	0.51	0.05	0.015	0.123	0.056	0.083	0.22	0.435
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/20/74-07/13/95	12	2.5	2.958	8.	0.5	4.93	2.22	0.65	1.	4.75	7.1
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/20/74-07/25/90	12	122.5	112.	134.	43.	691.273	26.292	55.3	102.75	128.75	133.4
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/20/74-07/13/95	12	2300.	3063.417	9300.	90.	10554320.083	3248.741	90.3	360.	4300.	9300.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/20/74-07/13/95	12	3.362	3.135	3.968	1.954	0.499	0.706	1.956	2.49	3.633	3.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1363.34								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station CHCH0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/20/74-07/13/95	12	15.5	16.292	25.	7.	48.521	6.966	7.15	8.875	23.625	24.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/22/75-07/13/95	12	17.75	18.292	32.	2.	125.248	11.191	2.3	8.625	30.	31.7
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/20/74-02/22/94	12	80.5	163.	1050.	35.	79685.818	282.287	37.1	44.75	132.75	785.4
00065	STAGE, STREAM (FEET)	08/20/74-07/13/95	12	1.955	2.316	7.01	1.46	2.27	1.507	1.484	1.628	2.183	5.645
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/20/74-09/27/83	12	15.5	15.167	38.	6.	68.152	8.255	6.3	10.25	17.	32.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/20/74-07/13/95	12	290.	283.583	348.	205.	1760.992	41.964	215.8	249.25	309.75	344.7
00300	OXYGEN, DISSOLVED MG/L	08/20/74-07/13/95	11	6.2	7.418	12.	4.9	6.558	2.561	5.	5.4	9.4	11.9
00310	BOD, 5 DAY, 20 DEG C MG/L	08/20/74-07/13/95	12	1.5	1.475	2.3	0.5	0.275	0.524	0.65	1.1	1.875	2.24
00400	PH (STANDARD UNITS)	08/20/74-07/13/95	12	7.6	7.633	8.	7.4	0.037	0.192	7.4	7.5	7.775	7.97
00400	CONVERTED PH (STANDARD UNITS)	08/20/74-07/13/95	12	7.6	7.598	8.	7.4	0.038	0.196	7.4	7.5	7.775	7.97

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station CHCH0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/20/74-07/13/95	12	0.025	0.025	0.04	0.01	0.	0.01	0.011	0.017	0.032	0.04
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/19/77-07/13/95	12	16.	19.375	46.	0.5	206.324	14.364	2.45	7.5	31.	43.9
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/20/74-07/13/95	11	0.05	0.046	0.08	0.01	0.001	0.03	0.01	0.01	0.08	0.08
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/20/74-07/13/95	12	0.58	0.547	0.84	0.26	0.031	0.177	0.269	0.408	0.67	0.813
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/20/74-07/13/95	12	0.275	0.302	0.6	0.08	0.029	0.169	0.089	0.173	0.445	0.588
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/20/74-07/13/95	12	4.	4.125	10.	1.	6.551	2.56	1.15	2.	6.	8.8
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/20/74-07/25/90	12	130.	130.833	174.	98.	292.697	17.108	104.6	124.5	134.	163.2
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/20/74-07/13/95	12	410.	1341.583	9300.	9.	6901257.356	2627.024	18.3	150.	930.	7380.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/20/74-07/13/95	12	2.612	2.551	3.968	0.954	0.644	0.802	1.149	2.176	2.968	3.817
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			355.64								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station CHCH0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/20/74-07/13/95	12	16.5	15.458	23.	5.5	36.112	6.009	5.5	10.25	20.375	22.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/22/75-07/13/95	12	19.	18.125	30.5	-2.	81.051	9.003	4.3	15.	25.5	29.45
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/20/74-02/22/94	12	250.	312.75	1050.	85.	76900.386	277.309	86.5	95.25	453.75	885.
00065	STAGE, STREAM (FEET)	08/20/74-07/13/95	12	3.215	3.497	8.01	1.94	3.034	1.742	1.958	2.043	4.403	7.005
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/20/74-09/27/83	12	14.	17.25	44.	9.	100.568	10.028	9.	11.	23.25	38.3
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/20/74-07/13/95	12	238.	227.417	279.	157.	1447.902	38.051	163.6	189.	258.25	274.8
00300	OXYGEN, DISSOLVED MG/L	08/20/74-07/13/95	12	7.55	7.775	11.9	5.3	4.562	2.136	5.42	5.925	9.475	11.45
00310	BOD, 5 DAY, 20 DEG C MG/L	08/20/74-07/13/95	12	1.2	1.242	2.5	0.5	0.286	0.535	0.53	0.875	1.4	2.29
00400	PH (STANDARD UNITS)	08/20/74-07/13/95	12	7.65	7.642	7.9	7.4	0.019	0.138	7.43	7.525	7.7	7.87
00400	CONVERTED PH (STANDARD UNITS)	08/20/74-07/13/95	12	7.647	7.622	7.9	7.4	0.019	0.139	7.43	7.525	7.7	7.87
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/20/74-07/13/95	12	0.023	0.024	0.04	0.013	0.	0.008	0.014	0.02	0.03	0.037
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/19/77-07/13/95	12	17.	25.333	72.	3.	482.606	21.968	5.1	10.5	31.75	70.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/20/74-07/13/95	12	0.04	0.062	0.16	0.01	0.002	0.046	0.013	0.03	0.098	0.148
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/20/74-07/13/95	12	0.725	0.698	0.91	0.42	0.022	0.148	0.438	0.59	0.795	0.898
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/20/74-07/13/95	12	0.175	0.173	0.25	0.08	0.003	0.058	0.083	0.125	0.228	0.247
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/20/74-07/13/95	12	2.	2.775	7.	0.5	6.026	2.455	0.5	0.5	4.375	7.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/20/74-07/25/90	11	114.	111.091	134.	86.	235.691	15.352	87.	100.	122.	133.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/20/74-07/13/95	12	840.	1319.167	4300.	230.	1662317.424	1289.309	230.	430.	2100.	3940.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/20/74-07/13/95	12	2.922	2.934	3.633	2.362	0.181	0.426	2.362	2.633	3.315	3.591
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			859.217								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station CHCH0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/20/74-07/13/95	11	17.	15.455	25.	1.	57.373	7.574	2.4	10.	22.5	24.6
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/22/75-07/13/95	11	22.	18.682	30.	-2.	104.864	10.24	7.3	-2.	27.	29.6
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/20/74-02/22/94	11	86.	316.636	1800.	60.	258834.655	508.758	60.6	68.	366.	1518.4
00065	STAGE, STREAM (FEET)	08/20/74-07/13/95	11	1.96	3.096	8.75	1.68	4.415	2.101	1.686	1.78	3.95	7.818
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/20/74-09/27/83	11	11.	23.	75.	6.	642.6	25.35	6.4	8.	20.	74.4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/20/74-07/13/95	8	228.	221.875	270.	155.	1861.554	43.146	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/20/74-07/13/95	11	7.6	7.436	11.4	4.5	4.701	2.168	4.6	5.4	8.8	11.12
00310	BOD, 5 DAY, 20 DEG C MG/L	08/20/74-07/13/95	11	1.1	1.3	2.5	0.2	0.518	0.72	0.3	0.8	1.9	2.44
00400	PH (STANDARD UNITS)	08/20/74-07/13/95	10	7.6	7.61	7.7	7.5	0.005	0.074	7.5	7.575	7.7	7.7
00400	CONVERTED PH (STANDARD UNITS)	08/20/74-07/13/95	10	7.6	7.604	7.7	7.5	0.005	0.074	7.5	7.575	7.7	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/20/74-07/13/95	10	0.025	0.025	0.032	0.02	0.	0.004	0.02	0.02	0.027	0.032
00403	PH, LAB, STANDARD UNITS SU	10/28/80-07/13/95	3	7.7	7.733	7.9	7.6	0.023	0.153	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/28/80-07/13/95	3	7.7	7.716	7.9	7.6	0.024	0.154	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station CHCH0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/28/80-07/13/95	3	0.02	0.019	0.025	0.013	0.	0.006	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/19/77-07/13/95	11	21.	43.091	209.	7.	3630.491	60.254	7.6	12.	40.	186.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/20/74-07/13/95	11	0.05	0.053	0.11	0.01	0.001	0.027	0.012	0.04	0.06	0.104
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/20/74-07/13/95	11	0.57	0.585	0.75	0.42	0.014	0.118	0.424	0.47	0.7	0.744
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/20/74-07/13/95	11	0.29	0.356	0.99	0.05	0.088	0.297	0.058	0.16	0.65	0.932
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/20/74-07/13/95	11	3.	3.727	10.	0.5	8.368	2.893	0.6	2.	5.	9.6
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/20/74-07/25/90	11	114.	115.455	142.	80.	280.073	16.735	84.4	108.	132.	140.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/20/74-07/13/95	10	680.	1937.	9300.	90.	8343978.889	2888.595	104.	380.	2800.	8800.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/20/74-07/13/95	10	2.801	2.912	3.968	1.954	0.366	0.605	1.995	2.566	3.43	3.935
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			816.022								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station CHCH0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/20/74-07/13/95	12	15.5	16.	26.	8.	46.455	6.816	8.	9.5	22.5	25.85
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/22/75-07/13/95	12	24.	22.083	35.	7.	97.311	9.865	7.45	12.875	31.	34.4
00025	BAROMETRIC PRESSURE (MM OF HG)	04/28/81-07/13/95	8	751.5	751.25	757.	743.	20.214	4.496	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/20/74-02/22/94	12	81.5	107.333	245.	44.	6102.788	78.12	44.3	50.	180.	244.7
00065	STAGE, STREAM (FEET)	08/20/74-07/13/95	12	1.965	2.151	3.24	1.58	0.422	0.649	1.583	1.645	2.858	3.228
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/20/74-09/27/83	12	10.5	11.75	18.	8.	8.386	2.896	8.3	10.	13.75	17.1
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/20/74-07/13/95	2	301.5	301.5	337.	266.	2520.5	50.205	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/20/74-07/13/95	12	5.85	6.9	10.1	4.8	4.513	2.124	4.8	5.3	9.5	10.01
00310	BOD, 5 DAY, 20 DEG C MG/L	08/20/74-07/13/95	12	1.25	1.279	2.5	0.05	0.522	0.722	0.155	0.775	1.675	2.47
00400	PH (STANDARD UNITS)	08/20/74-07/13/95	8	7.65	7.663	7.9	7.5	0.014	0.119	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/20/74-07/13/95	8	7.647	7.649	7.9	7.5	0.014	0.12	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/20/74-07/13/95	8	0.023	0.022	0.032	0.013	0.	0.006	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/28/80-07/13/95	12	7.75	7.742	7.9	7.3	0.03	0.173	7.39	7.7	7.9	7.9
00403	CONVERTED PH, LAB, STANDARD UNITS	10/28/80-07/13/95	12	7.747	7.704	7.9	7.3	0.031	0.177	7.39	7.7	7.9	7.9
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/28/80-07/13/95	12	0.018	0.02	0.05	0.013	0.	0.01	0.013	0.013	0.02	0.043
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/19/77-07/13/95	12	17.5	16.917	28.	4.	45.538	6.748	5.8	12.25	22.5	26.5
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/20/74-07/13/95	12	0.06	0.051	0.09	0.02	0.001	0.023	0.02	0.03	0.06	0.087
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/20/74-07/13/95	12	0.535	0.607	0.98	0.28	0.048	0.219	0.304	0.46	0.815	0.938
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/20/74-07/13/95	12	0.565	0.618	1.1	0.1	0.134	0.366	0.13	0.248	0.978	1.1
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/20/74-07/13/95	12	3.75	6.267	21.7	2.	34.399	5.865	2.	2.625	7.5	19.24
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/20/74-07/25/90	12	124.	121.583	138.	97.	140.265	11.843	99.7	114.5	131.	136.8
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/20/74-07/13/95	10	590.	1214.	4300.	210.	2404671.111	1550.7	212.	230.	1672.5	4260.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/20/74-07/13/95	10	2.754	2.808	3.633	2.322	0.246	0.496	2.326	2.362	3.124	3.629
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			642.308								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station CHCH0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/20/74-07/13/95	12	15.	16.042	26.	6.5	39.157	6.258	7.25	10.625	22.625	25.1
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/22/75-07/13/95	12	22.5	19.583	34.	-1.	94.72	9.732	4.95	12.875	25.875	31.9
00025	BAROMETRIC PRESSURE (MM OF HG)	04/28/81-07/13/95	12	747.5	747.333	756.	739.	24.606	4.96	739.9	742.5	751.75	754.8
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/20/74-02/22/94	12	105.	253.583	1400.	45.	142483.902	377.47	48.	58.5	286.25	1093.1
00065	STAGE, STREAM (FEET)	08/20/74-07/13/95	12	2.14	3.049	9.52	1.66	4.791	2.189	1.696	1.805	3.478	7.867
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/20/74-09/27/83	12	13.	20.417	112.	7.	842.811	29.031	7.3	10.	14.75	84.1
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/20/74-07/13/95	8	225.	243.125	340.	140.	4628.125	68.03	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/20/74-07/13/95	12	7.45	7.625	10.6	4.	5.546	2.355	4.21	5.375	10.05	10.51
00310	BOD, 5 DAY, 20 DEG C MG/L	08/20/74-07/13/95	11	1.6	1.645	3.1	0.8	0.555	0.745	0.8	0.9	2.4	2.98

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station CHCH0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	08/20/74-07/13/95	12	7.6	7.583	8.1	7.2	0.056	0.237	7.23	7.5	7.6	8.04
00400	CONVERTED PH (STANDARD UNITS)	08/20/74-07/13/95	12	7.6	7.53	8.1	7.2	0.059	0.243	7.23	7.5	7.6	8.04
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/20/74-07/13/95	12	0.025	0.03	0.063	0.008	0.	0.015	0.009	0.025	0.032	0.059
00403	PH, LAB, STANDARD UNITS SU	10/28/80-07/13/95	12	7.7	7.708	7.9	7.4	0.019	0.138	7.46	7.625	7.8	7.9
00403	CONVERTED PH, LAB, STANDARD UNITS	10/28/80-07/13/95	12	7.7	7.687	7.9	7.4	0.02	0.14	7.46	7.625	7.8	7.9
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/28/80-07/13/95	12	0.02	0.021	0.04	0.013	0.	0.007	0.013	0.016	0.024	0.035
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/19/77-07/13/95	12	19.	32.667	178.	7.	2157.697	46.451	8.2	13.5	27.25	135.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/20/74-07/13/95	12	0.045	0.058	0.12	0.03	0.001	0.03	0.03	0.04	0.07	0.117
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/20/74-07/13/95	12	0.605	0.629	1.07	0.3	0.053	0.231	0.309	0.445	0.818	1.01
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/20/74-07/13/95	12	0.22	0.423	1.64	0.09	0.198	0.445	0.096	0.138	0.58	1.391
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/20/74-07/13/95	9	4.	6.167	18.	0.5	34.938	5.911	0.5	1.75	10.5	18.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/20/74-07/25/90	12	107.	101.917	122.	60.	376.447	19.402	62.4	99.25	114.	122.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/27/82-05/25/88	3	10.	8.333	15.	0.	58.333	7.638	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/20/74-07/13/95	11	330.	1179.091	9300.	50.	7331049.091	2707.591	66.	150.	790.	7628.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/20/74-07/13/95	11	2.519	2.571	3.968	1.699	0.345	0.588	1.782	2.176	2.898	3.769
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			372.23								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station CHCH0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/20/74-07/13/95	12	14.25	14.958	25.	2.	48.43	6.959	3.8	11.	22.125	24.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/22/75-07/13/95	12	18.25	17.875	30.	6.	52.006	7.211	6.9	11.375	24.	28.5
00025	BAROMETRIC PRESSURE (MM OF HG)	04/28/81-07/13/95	12	746.5	745.417	751.	735.	30.447	5.518	735.3	742.25	750.	751.
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/20/74-02/22/94	12	275.	478.583	1500.	39.	255869.902	505.836	39.3	50.5	975.	1365.
00065	STAGE, STREAM (FEET)	08/20/74-07/13/95	12	3.41	4.443	11.45	1.03	13.451	3.668	1.033	1.16	7.863	10.73
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/20/74-09/27/83	9	12.	20.333	74.	8.	441.5	21.012	8.	9.	23.5	74.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/25/83-07/13/95	3	60.	48.333	75.	10.	1158.333	34.034	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/20/74-07/13/95	11	240.	217.	310.	92.	4501.	67.089	99.6	180.	270.	304.
00300	OXYGEN, DISSOLVED MG/L	08/20/74-07/13/95	12	8.	7.392	11.9	3.4	8.399	2.898	3.43	4.75	9.775	11.51
00310	BOD, 5 DAY, 20 DEG C MG/L	08/20/74-07/13/95	11	1.3	1.909	6.	0.7	2.269	1.506	0.72	1.1	2.4	5.34
00400	PH (STANDARD UNITS)	08/20/74-07/13/95	12	7.6	7.6	7.9	7.3	0.031	0.176	7.33	7.5	7.775	7.87
00400	CONVERTED PH (STANDARD UNITS)	08/20/74-07/13/95	12	7.6	7.568	7.9	7.3	0.032	0.179	7.33	7.5	7.775	7.87
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/20/74-07/13/95	12	0.025	0.027	0.05	0.013	0.	0.011	0.014	0.017	0.032	0.047
00403	PH, LAB, STANDARD UNITS SU	10/28/80-07/13/95	11	7.7	7.7	7.9	7.5	0.016	0.126	7.52	7.6	7.8	7.9
00403	CONVERTED PH, LAB, STANDARD UNITS	10/28/80-07/13/95	11	7.7	7.684	7.9	7.5	0.016	0.128	7.52	7.6	7.8	7.9
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/28/80-07/13/95	11	0.02	0.021	0.032	0.013	0.	0.006	0.013	0.016	0.025	0.03
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/19/77-07/13/95	11	23.	43.727	178.	12.	2655.418	51.531	12.4	15.	35.	163.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/20/74-07/13/95	12	0.065	0.078	0.22	0.03	0.002	0.048	0.036	0.053	0.087	0.181
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/20/74-07/13/95	12	0.43	0.483	0.72	0.27	0.021	0.145	0.294	0.39	0.638	0.705
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/20/74-07/13/95	12	0.3	0.518	1.3	0.11	0.21	0.458	0.11	0.175	0.99	1.291
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/20/74-07/13/95	12	4.4	5.1	10.3	1.3	6.758	2.6	1.66	3.125	6.6	9.85
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/20/74-07/25/90	12	110.	103.167	134.	44.	742.879	27.256	51.2	87.5	126.5	132.8
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/27/82-05/25/88	12	3.5	5.917	19.	0.	44.083	6.64	0.	0.25	10.	18.4
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/20/74-07/13/95	11	330.	1479.091	7900.	70.	5983109.091	2446.039	90.	220.	1100.	7180.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/20/74-07/13/95	11	2.519	2.736	3.898	1.845	0.386	0.621	1.922	2.342	3.041	3.845
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			544.792								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station CHCH0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/20/74-07/13/95	12	16.5	15.417	22.5	4.5	38.038	6.167	5.55	9.25	21.5	22.35
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/22/75-07/13/95	12	19.	18.417	31.5	-1.	106.72	10.331	6.6	2.75	27.5	31.2
00025	BAROMETRIC PRESSURE (MM OF HG)	04/28/81-07/13/95	12	751.5	748.083	755.	732.	62.083	7.879	734.4	740.	754.	755.
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/20/74-02/22/94	12	106.5	311.083	1030.	50.	136609.902	369.608	55.1	69.	692.	979.
00065	STAGE, STREAM (FEET)	08/20/74-07/13/95	12	1.74	3.334	8.94	1.15	8.541	2.923	1.207	1.368	6.387	8.568
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/25/83-07/13/95	12	23.	39.917	140.	6.	1925.538	43.881	6.6	14.75	45.25	134.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/20/74-07/13/95	12	255.	232.5	290.	130.	3265.909	57.148	136.	171.25	282.5	290.
00300	OXYGEN, DISSOLVED MG/L	08/20/74-07/13/95	12	6.8	7.208	11.7	4.9	4.781	2.187	4.9	5.075	8.6	11.19
00310	BOD, 5 DAY, 20 DEG C MG/L	08/20/74-07/13/95	11	1.8	2.073	3.3	1.	0.612	0.782	1.06	1.4	2.8	3.26
00400	PH (STANDARD UNITS)	08/20/74-07/13/95	10	7.5	7.55	7.8	7.2	0.027	0.165	7.23	7.5	7.7	7.79
00400	CONVERTED PH (STANDARD UNITS)	08/20/74-07/13/95	10	7.5	7.52	7.8	7.2	0.028	0.168	7.23	7.5	7.7	7.79
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/20/74-07/13/95	10	0.032	0.03	0.063	0.016	0.	0.013	0.016	0.02	0.032	0.06
00403	PH, LAB, STANDARD UNITS SU	10/28/80-07/13/95	12	7.8	7.783	8.	7.5	0.02	0.14	7.56	7.7	7.875	8.
00403	CONVERTED PH, LAB, STANDARD UNITS	10/28/80-07/13/95	12	7.8	7.762	8.	7.5	0.02	0.142	7.56	7.7	7.875	8.
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/28/80-07/13/95	12	0.016	0.017	0.032	0.01	0.	0.006	0.01	0.013	0.02	0.028
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/19/77-07/13/95	12	35.5	62.167	220.	3.	4534.697	67.34	3.6	13.75	82.	204.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/20/74-07/13/95	12	0.06	0.082	0.15	0.02	0.002	0.044	0.026	0.05	0.118	0.15
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/20/74-07/13/95	12	0.5	0.548	0.95	0.31	0.028	0.167	0.343	0.448	0.658	0.872
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/20/74-07/13/95	12	0.235	0.213	0.41	0.04	0.011	0.103	0.061	0.13	0.278	0.377
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/20/74-07/13/95	12	4.6	5.058	10.1	2.8	4.988	2.233	2.86	3.05	6.575	9.41
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/20/74-07/25/90	11	114.	107.636	142.	66.	615.855	24.816	68.	82.	130.	140.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/27/82-05/25/88	11	5.	5.455	12.	2.	8.873	2.979	2.	3.	8.	11.2
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/20/74-07/13/95	11	1300.	3535.	17000.	80.	26470865.	5144.984	86.	330.	7000.	15000.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/20/74-07/13/95	11	3.114	3.072	4.23	1.903	0.566	0.752	1.931	2.519	3.845	4.153
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1180.745								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station CHCH0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/20/74-07/13/95	12	18.	16.417	24.5	4.5	47.902	6.921	4.65	11.	22.25	24.35
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/22/75-07/13/95	12	25.	20.917	33.	-1.	99.811	9.991	4.95	15.75	27.75	32.1
00025	BAROMETRIC PRESSURE (MM OF HG)	04/28/81-07/13/95	12	752.	750.667	760.	739.	34.424	5.867	740.5	746.	753.75	759.4
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/20/74-02/22/94	12	124.	145.917	415.	34.	13699.356	117.044	38.8	54.25	186.25	386.5
00065	STAGE, STREAM (FEET)	08/20/74-07/13/95	12	1.9	2.055	4.37	1.03	1.084	1.041	1.066	1.195	2.48	4.139
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/25/83-07/13/95	12	15.	24.167	105.	8.	725.424	26.934	8.6	11.	26.25	85.2
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/20/74-07/13/95	10	292.	279.9	342.	182.	1898.767	43.575	187.2	264.75	300.	337.8
00300	OXYGEN, DISSOLVED MG/L	08/20/74-07/13/95	7	8.7	8.1	11.6	5.6	5.923	2.434	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/20/74-07/13/95	11	2.3	2.282	3.2	0.7	0.588	0.767	0.86	1.7	3.	3.16
00400	PH (STANDARD UNITS)	08/20/74-07/13/95	12	7.6	7.55	7.7	7.2	0.019	0.138	7.26	7.5	7.6	7.7
00400	CONVERTED PH (STANDARD UNITS)	08/20/74-07/13/95	12	7.6	7.527	7.7	7.2	0.02	0.14	7.26	7.5	7.6	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/20/74-07/13/95	12	0.025	0.03	0.063	0.02	0.	0.012	0.02	0.025	0.032	0.056
00403	PH, LAB, STANDARD UNITS SU	10/28/80-07/13/95	12	7.75	7.767	8.2	7.5	0.039	0.197	7.53	7.6	7.875	8.14
00403	CONVERTED PH, LAB, STANDARD UNITS	10/28/80-07/13/95	12	7.747	7.73	8.2	7.5	0.04	0.201	7.53	7.6	7.875	8.14
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/28/80-07/13/95	12	0.018	0.019	0.032	0.006	0.	0.007	0.007	0.013	0.025	0.03
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/19/77-07/13/95	12	28.5	34.583	133.	2.	1354.265	36.8	3.2	7.	49.75	111.7
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/20/74-07/13/95	12	0.095	0.107	0.28	0.03	0.004	0.062	0.039	0.073	0.118	0.238
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/20/74-07/13/95	12	0.495	0.51	0.76	0.2	0.025	0.157	0.242	0.453	0.603	0.76
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/20/74-07/13/95	12	0.165	0.209	0.46	0.09	0.013	0.115	0.096	0.115	0.285	0.43
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/20/74-07/13/95	12	4.45	4.692	7.5	1.9	4.374	2.091	1.93	2.85	6.8	7.47
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/20/74-07/25/90	12	125.	122.333	150.	78.	323.515	17.987	88.2	112.5	131.5	147.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/27/82-05/25/88	12	4.	3.917	9.	0.	10.811	3.288	0.	0.25	6.	9.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/20/74-07/13/95	11	1300.	3703.636	28000.	80.	65795685.455	8111.454	110.	490.	2300.	23060.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/20/74-07/13/95	11	3.114	3.069	4.447	1.903	0.423	0.65	1.995	2.69	3.362	4.261
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1171.28								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station CHCH0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/20/74-07/13/95	12	16.5	17.167	27.	4.5	53.515	7.315	5.7	11.375	24.375	26.4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/22/75-07/13/95	12	19.75	20.417	35.5	-1.	128.72	11.345	5.3	11.125	31.	34.45
00025	BAROMETRIC PRESSURE (MM OF HG)	04/28/81-07/13/95	12	749.	751.083	764.	741.	40.811	6.388	742.5	747.25	755.75	762.8
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/20/74-02/22/94	8	173.5	304.625	1300.	73.	166979.696	408.631	**	**	**	**
00065	STAGE, STREAM (FEET)	08/20/74-07/13/95	12	1.68	2.503	10.49	0.89	7.052	2.656	0.899	0.94	3.05	8.303
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/25/83-07/13/95	12	21.5	29.083	84.	7.	495.356	22.257	8.2	19.25	28.75	78.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/20/74-07/13/95	12	299.	286.333	380.	140.	4133.333	64.291	169.4	243.75	323.75	374.
00300	OXYGEN, DISSOLVED MG/L	08/20/74-07/13/95	12	6.7	7.183	11.2	4.2	8.058	2.839	4.2	4.45	9.9	11.17
00310	BOD, 5 DAY, 20 DEG C MG/L	08/20/74-07/13/95	11	2.	2.082	3.8	0.6	0.934	0.966	0.72	1.5	2.4	3.78
00400	PH (STANDARD UNITS)	08/20/74-07/13/95	12	7.6	7.592	8.	7.2	0.052	0.227	7.23	7.375	7.7	7.94
00400	CONVERTED PH (STANDARD UNITS)	08/20/74-07/13/95	12	7.6	7.536	8.	7.2	0.055	0.235	7.23	7.375	7.7	7.94
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/20/74-07/13/95	12	0.025	0.029	0.063	0.01	0.	0.016	0.012	0.02	0.044	0.059
00403	PH, LAB, STANDARD UNITS SU	10/28/80-07/13/95	12	7.7	7.667	7.9	7.2	0.037	0.192	7.29	7.525	7.8	7.87
00403	CONVERTED PH, LAB, STANDARD UNITS	10/28/80-07/13/95	12	7.7	7.621	7.9	7.2	0.039	0.198	7.29	7.525	7.8	7.87
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/28/80-07/13/95	12	0.02	0.024	0.063	0.013	0.	0.014	0.014	0.016	0.03	0.054
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/19/77-07/13/95	12	35.	44.25	165.	2.	1995.659	44.673	2.6	15.25	52.75	141.9
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/20/74-07/13/95	12	0.11	0.121	0.19	0.06	0.002	0.046	0.066	0.08	0.173	0.187
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/20/74-07/13/95	12	0.72	0.681	1.03	0.38	0.053	0.231	0.386	0.408	0.85	1.012
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/20/74-07/13/95	12	0.245	0.293	0.61	0.09	0.032	0.179	0.093	0.123	0.39	0.601
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/20/74-07/13/95	12	5.2	5.708	10.1	1.4	5.248	2.291	2.12	4.55	7.625	9.56
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/20/74-07/25/90	12	124.	122.	144.	66.	375.273	19.372	79.8	122.	131.5	141.6
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/27/82-05/25/88	12	4.5	6.667	18.	0.	51.515	7.177	0.	0.	14.	17.4
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/20/74-07/13/95	11	490.	2630.	15000.	130.	20797200.	4560.395	138.	170.	3300.	13300.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/20/74-07/13/95	11	2.69	2.852	4.176	2.114	0.542	0.736	2.137	2.23	3.519	4.103
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			711.98								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station CHCH0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/20/74-07/13/95	11	19.	17.364	26.	6.	54.555	7.386	6.5	9.5	24.	26.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/22/75-07/13/95	11	25.	22.955	34.	5.5	84.573	9.196	6.6	17.5	32.	33.8
00025	BAROMETRIC PRESSURE (MM OF HG)	04/28/81-07/13/95	11	750.	749.455	755.	745.	9.273	3.045	745.2	746.	752.	754.4
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/20/74-02/22/94	11	54.	166.545	530.	34.	41443.673	203.577	34.4	37.	395.	526.
00065	STAGE, STREAM (FEET)	08/20/74-07/13/95	11	1.19	2.191	5.37	0.92	3.312	1.82	0.928	0.98	4.33	5.344
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/25/83-07/13/95	10	8.	10.8	24.	4.	47.733	6.909	4.1	5.	16.	23.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/20/74-07/13/95	11	300.	283.455	360.	188.	3756.873	61.293	192.8	220.	339.	356.
00300	OXYGEN, DISSOLVED MG/L	08/20/74-07/13/95	11	6.	7.009	11.2	3.5	6.727	2.594	3.72	4.9	9.3	11.12
00310	BOD, 5 DAY, 20 DEG C MG/L	08/20/74-07/13/95	10	1.25	1.42	2.7	1.	0.262	0.512	1.	1.075	1.575	2.61
00400	PH (STANDARD UNITS)	08/20/74-07/13/95	11	7.7	7.636	7.9	7.4	0.019	0.136	7.42	7.5	7.7	7.86
00400	CONVERTED PH (STANDARD UNITS)	08/20/74-07/13/95	11	7.7	7.617	7.9	7.4	0.019	0.138	7.42	7.5	7.7	7.86
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/20/74-07/13/95	11	0.02	0.024	0.04	0.013	0.	0.008	0.014	0.02	0.032	0.038
00403	PH, LAB, STANDARD UNITS SU	10/28/80-07/13/95	11	7.7	7.709	8.	7.5	0.029	0.17	7.5	7.6	7.9	7.98
00403	CONVERTED PH, LAB, STANDARD UNITS	10/28/80-07/13/95	11	7.7	7.681	8.	7.5	0.03	0.173	7.5	7.6	7.9	7.98
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/28/80-07/13/95	11	0.02	0.021	0.032	0.01	0.	0.008	0.011	0.013	0.025	0.032
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/19/77-07/13/95	11	16.	18.182	36.	1.	106.964	10.342	2.2	12.	26.	35.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/20/74-07/13/95	11	0.07	0.077	0.18	0.01	0.002	0.046	0.016	0.04	0.1	0.166
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/20/74-07/13/95	11	0.58	0.605	1.33	0.26	0.088	0.296	0.262	0.45	0.74	1.23
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/20/74-07/13/95	11	0.83	0.703	1.46	0.09	0.243	0.493	0.096	0.26	1.07	1.404
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/20/74-07/13/95	9	4.6	5.222	9.3	2.4	4.797	2.19	2.4	3.7	7.	9.3
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/20/74-07/25/90	9	123.	120.778	135.	94.	160.694	12.677	94.	113.	130.5	135.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/27/82-05/25/88	9	5.	5.444	15.	0.	35.028	5.918	0.	0.	10.5	15.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/20/74-07/13/95	8	330.	740.	2300.	80.	657942.857	811.137	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/20/74-07/13/95	8	2.46	2.586	3.362	1.903	0.312	0.559	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			385.167								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station CHCH0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/20/74-07/13/95	6	17.75	16.417	24.	6.	47.242	6.873	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/22/75-07/13/95	6	19.75	18.417	27.5	0.5	86.842	9.319	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	04/28/81-07/13/95	6	750.5	750.833	760.	744.	26.967	5.193	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/20/74-02/22/94	6	53.5	95.5	206.	20.	7088.7	84.194	**	**	**	**
00065	STAGE, STREAM (FEET)	08/20/74-07/13/95	6	1.245	1.652	2.74	0.87	0.717	0.847	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/25/83-07/13/95	6	8.	9.167	16.	5.	15.367	3.92	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/20/74-07/13/95	6	295.	305.333	395.	242.	2668.667	51.659	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/20/74-07/13/95	6	7.2	7.033	10.7	3.6	7.439	2.727	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/20/74-07/13/95	6	1.45	1.433	1.9	0.8	0.151	0.388	**	**	**	**
00400	PH (STANDARD UNITS)	08/20/74-07/13/95	6	7.6	7.567	7.6	7.5	0.003	0.052	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/20/74-07/13/95	6	7.6	7.564	7.6	7.5	0.003	0.052	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/20/74-07/13/95	6	0.025	0.027	0.032	0.025	0.	0.003	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/28/80-07/13/95	6	7.85	7.767	8.	7.5	0.047	0.216	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/28/80-07/13/95	6	7.847	7.72	8.	7.5	0.049	0.222	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/28/80-07/13/95	6	0.014	0.019	0.032	0.01	0.	0.01	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/19/77-07/13/95	6	11.5	11.167	16.	6.	22.567	4.75	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/20/74-07/13/95	6	0.07	0.068	0.1	0.04	0.	0.022	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/20/74-07/13/95	6	1.055	0.977	1.33	0.52	0.085	0.292	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/20/74-07/13/95	6	0.44	0.552	1.09	0.2	0.13	0.361	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/20/74-07/13/95	6	4.25	5.267	10.2	2.8	7.599	2.757	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/20/74-07/25/90	6	117.	111.5	156.	60.	1200.3	34.645	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/27/82-05/25/88	3	0.	3.333	10.	0.	33.333	5.774	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/20/74-07/13/95	6	560.	743.333	2300.	80.	673426.667	820.626	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/20/74-07/13/95	6	2.708	2.635	3.362	1.903	0.276	0.525	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			431.359								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station CHCH0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/20/74-07/13/95	6	17.25	17.	23.5	9.	26.3	5.128	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/22/75-07/13/95	6	17.	20.75	32.	15.	53.975	7.347	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	04/28/81-07/13/95	5	747.	747.8	753.	744.	11.7	3.421	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/20/74-02/22/94	6	235.	256.667	375.	170.	7866.667	88.694	**	**	**	**
00065	STAGE, STREAM (FEET)	08/20/74-07/13/95	6	2.975	3.152	4.13	2.41	0.559	0.748	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/25/83-07/13/95	6	11.5	16.	31.	8.	86.8	9.317	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/20/74-07/13/95	6	254.	254.667	279.	232.	383.867	19.593	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/20/74-07/13/95	6	7.8	7.9	9.5	6.5	1.168	1.081	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/20/74-07/13/95	6	1.85	1.85	2.5	0.9	0.347	0.589	**	**	**	**
00400	PH (STANDARD UNITS)	08/20/74-07/13/95	6	7.65	7.62	7.72	7.5	0.01	0.102	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/20/74-07/13/95	6	7.647	7.61	7.72	7.5	0.011	0.103	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/20/74-07/13/95	6	0.023	0.025	0.032	0.019	0.	0.006	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/28/80-07/13/95	6	7.65	7.65	7.8	7.5	0.011	0.105	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/28/80-07/13/95	6	7.647	7.639	7.8	7.5	0.011	0.106	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/28/80-07/13/95	6	0.023	0.023	0.032	0.016	0.	0.006	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/19/77-07/13/95	5	21.	21.	32.	10.	85.	9.22	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/20/74-07/13/95	6	0.1	0.112	0.22	0.05	0.005	0.07	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/20/74-07/13/95	6	0.67	0.728	1.25	0.49	0.071	0.267	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/20/74-07/13/95	6	0.32	0.498	1.65	0.07	0.34	0.583	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/20/74-07/13/95	5	4.	3.8	5.1	2.2	1.285	1.134	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/20/74-07/25/90	5	122.	121.	132.	111.	74.	8.602	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/20/74-07/13/95	6	355.	1640.	7900.	50.	9555960.	3091.272	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/20/74-07/13/95	6	2.516	2.596	3.898	1.699	0.65	0.806	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			394.109								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station CHCH0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/20/74-07/13/95	9	14.	16.167	24.	10.	26.688	5.166	10.	11.75	21.	24.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/22/75-07/13/95	9	22.5	18.444	29.	4.	87.34	9.346	4.	8.25	26.	29.
00025	BAROMETRIC PRESSURE (MM OF HG)	04/28/81-07/13/95	9	745.	746.111	752.	739.	17.361	4.167	739.	743.	749.5	752.
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/20/74-02/22/94	6	162.	314.333	1150.	40.	180651.067	425.031	**	**	**	**
00065	STAGE, STREAM (FEET)	08/20/74-07/13/95	9	1.54	2.814	9.55	1.09	7.169	2.677	1.09	1.35	3.41	9.55
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/25/83-07/13/95	9	12.	41.222	217.	6.	4952.194	70.372	6.	7.5	49.	217.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/20/74-07/13/95	7	280.	239.429	293.	143.	4604.952	67.86	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/20/74-07/13/95	9	7.7	7.433	10.	5.4	2.773	1.665	5.4	5.7	8.75	10.
00310	BOD, 5 DAY, 20 DEG C MG/L	08/20/74-07/13/95	7	1.1	1.414	2.7	0.1	0.788	0.888	**	**	**	**
00400	PH (STANDARD UNITS)	08/20/74-07/13/95	9	7.7	7.579	7.8	7.2	0.047	0.216	7.2	7.4	7.75	7.8
00400	CONVERTED PH (STANDARD UNITS)	08/20/74-07/13/95	9	7.7	7.527	7.8	7.2	0.05	0.223	7.2	7.4	7.75	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/20/74-07/13/95	9	0.02	0.03	0.063	0.016	0.	0.017	0.016	0.018	0.041	0.063
00403	PH, LAB, STANDARD UNITS SU	10/28/80-07/13/95	9	7.6	7.633	7.8	7.5	0.01	0.1	7.5	7.55	7.7	7.8
00403	CONVERTED PH, LAB, STANDARD UNITS	10/28/80-07/13/95	9	7.6	7.623	7.8	7.5	0.01	0.101	7.5	7.55	7.7	7.8
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/28/80-07/13/95	9	0.025	0.024	0.032	0.016	0.	0.005	0.016	0.02	0.028	0.032
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/19/77-07/13/95	9	12.	36.889	159.	6.	2940.111	54.223	6.	8.	57.	159.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/20/74-07/13/95	9 ##	0.015	0.036	0.12	0.015	0.001	0.036	0.015	0.015	0.055	0.12
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/20/74-07/13/95	9	0.5	0.491	0.69	0.23	0.023	0.151	0.23	0.365	0.625	0.69
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/20/74-07/13/95	9	0.8	0.813	1.78	0.22	0.231	0.481	0.22	0.455	1.065	1.78
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/20/74-07/13/95	8	2.55	2.938	6.4	0.5	3.383	1.839	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/20/74-07/25/90	4	66.	65.75	130.	1.	2776.25	52.69	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/20/74-07/13/95	9	330.	2844.444	13000.	60.	23497377.778	4847.409	60.	215.	5375.	13000.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/20/74-07/13/95	9	2.519	2.836	4.114	1.778	0.605	0.778	1.778	2.331	3.545	4.114
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			685.901								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station CHCH0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/20/74-07/13/95	7	17.	15.143	23.	7.	37.143	6.094	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/22/75-07/13/95	6	10.25	13.25	23.	-0.5	94.175	9.704	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	04/28/81-07/13/95	7	747.	747.429	753.	740.	16.286	4.036	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/20/74-02/22/94	6	277.5	295.	570.	100.	33760.	183.739	**	**	**	**
00065	STAGE, STREAM (FEET)	08/20/74-07/13/95	7	2.48	3.113	5.59	1.29	2.532	1.591	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/25/83-07/13/95	7	15.	23.286	72.	7.	559.905	23.662	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/20/74-07/13/95	7	240.	244.429	290.	207.	1006.286	31.722	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/20/74-07/13/95	7	8.	7.757	10.2	3.8	5.996	2.449	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/20/74-07/13/95	7	1.	1.457	2.9	0.5	0.803	0.896	**	**	**	**
00400	PH (STANDARD UNITS)	08/20/74-07/13/95	7	7.43	7.33	7.7	6.93	0.077	0.277	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/20/74-07/13/95	7	7.43	7.253	7.7	6.93	0.084	0.289	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/20/74-07/13/95	7	0.037	0.056	0.117	0.02	0.001	0.037	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/28/80-07/13/95	7	7.6	7.643	7.8	7.6	0.006	0.079	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/28/80-07/13/95	7	7.6	7.637	7.8	7.6	0.006	0.079	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/28/80-07/13/95	7	0.025	0.023	0.025	0.016	0.	0.004	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/19/77-07/13/95	6	11.	14.167	32.	3.	128.167	11.321	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/20/74-07/13/95	7	0.04	0.041	0.09	0.015	0.001	0.028	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/20/74-07/13/95	7	0.49	0.491	0.68	0.19	0.034	0.184	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/20/74-07/13/95	7	0.4	0.627	1.36	0.2	0.249	0.499	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/20/74-07/13/95	7	4.7	5.	7.8	2.1	3.27	1.808	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/20/74-07/13/95	7	700.	6404.286	35000.	110.	162274495.238	12738.701	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/20/74-07/13/95	7	2.845	3.121	4.544	2.041	0.716	0.846	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1321.721								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station CHCH0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/20/74-07/13/95	4	17.	16.375	20.5	11.	21.563	4.644	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/22/75-07/13/95	4	12.25	12.5	20.5	5.	41.167	6.416	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	04/28/81-07/13/95	4	747.	747.	753.	741.	34.667	5.888	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/20/74-02/22/94	4	118.	387.75	1250.	65.	331380.25	575.656	**	**	**	**
00065	STAGE, STREAM (FEET)	08/20/74-07/13/95	4	1.85	3.805	10.23	1.29	18.455	4.296	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/25/83-07/13/95	4	20.	33.25	88.	5.	1436.25	37.898	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/20/74-07/13/95	4	255.	237.5	300.	140.	5491.667	74.106	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/20/74-07/13/95	4	7.85	7.725	8.8	6.4	0.996	0.998	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/20/74-07/13/95	4	1.3	1.3	1.5	1.1	0.053	0.231	**	**	**	**
00400	PH (STANDARD UNITS)	08/20/74-07/13/95	4	7.37	7.35	7.56	7.1	0.057	0.24	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/20/74-07/13/95	4	7.334	7.302	7.56	7.1	0.061	0.246	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/20/74-07/13/95	4	0.046	0.05	0.079	0.028	0.001	0.026	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/28/80-07/13/95	4	7.6	7.4	7.7	6.7	0.22	0.469	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/28/80-07/13/95	4	7.6	7.171	7.7	6.7	0.29	0.538	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/28/80-07/13/95	4	0.025	0.067	0.2	0.02	0.008	0.088	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/19/77-07/13/95	4	21.5	44.5	129.	6.	3275.	57.228	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/20/74-07/13/95	4 ##	0.028	0.028	0.04	0.015	0.	0.014	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/20/74-07/13/95	4	0.45	0.498	0.77	0.32	0.037	0.192	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/20/74-07/13/95	4	0.155	0.188	0.32	0.12	0.008	0.091	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/20/74-07/13/95	4	3.5	4.2	7.	2.8	3.76	1.939	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/20/74-07/13/95	4	250.	3410.	13000.	140.	40881666.667	6393.877	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/20/74-07/13/95	4	2.374	2.752	4.114	2.146	0.85	0.922	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			565.273								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station CHCH0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/20/74-07/13/95	5	15.5	17.7	25.	10.	38.2	6.181	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/22/75-07/13/95	5	12.5	13.2	23.5	-0.5	92.2	9.602	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	04/28/81-07/13/95	5	750.	750.4	752.	749.	1.3	1.14	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/20/74-02/22/94	5	100.	215.2	560.	32.	52651.2	229.458	**	**	**	**
00065	STAGE, STREAM (FEET)	08/20/74-07/13/95	5	1.66	2.662	5.55	1.07	3.926	1.981	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/25/83-07/13/95	5	20.	21.8	42.	4.	302.2	17.384	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/20/74-07/13/95	5	260.	255.6	303.	210.	1794.3	42.359	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/20/74-07/13/95	5	8.7	8.32	9.2	7.3	0.817	0.904	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/20/74-07/13/95	5	1.1	1.04	1.5	0.5	0.158	0.397	**	**	**	**
00400	PH (STANDARD UNITS)	08/20/74-07/13/95	3	7.65	7.587	7.66	7.45	0.014	0.118	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/20/74-07/13/95	3	7.65	7.575	7.66	7.45	0.014	0.119	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/20/74-07/13/95	3	0.022	0.027	0.035	0.022	0.	0.008	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/28/80-07/13/95	5	7.7	7.72	7.8	7.6	0.007	0.084	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/28/80-07/13/95	5	7.7	7.713	7.8	7.6	0.007	0.084	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/28/80-07/13/95	5	0.02	0.019	0.025	0.016	0.	0.004	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/19/77-07/13/95	5	33.	27.2	47.	5.	351.2	18.74	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/20/74-07/13/95	5	0.03	0.038	0.09	0.015	0.001	0.031	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/20/74-07/13/95	5	0.35	0.408	0.64	0.3	0.02	0.141	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/20/74-07/13/95	5	0.13	0.136	0.19	0.1	0.001	0.036	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/20/74-07/13/95	5	2.3	2.94	4.4	1.9	1.463	1.21	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/20/74-07/13/95	5	1300.	1792.	4900.	130.	3764870.	1940.327	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/20/74-07/13/95	5	3.114	2.96	3.69	2.114	0.407	0.638	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			911.307								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station CHCH0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/20/74-07/13/95	3	12.5	11.833	13.	10.	2.583	1.607	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/22/75-07/13/95	3	8.	7.167	11.5	2.	23.083	4.805	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	04/28/81-07/13/95	1	750.	750.	750.	750.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/20/74-02/22/94	1	190.	190.	190.	190.	0.	0.	**	**	**	**
00065	STAGE, STREAM (FEET)	08/20/74-07/13/95	3	3.02	3.547	6.18	1.44	5.825	2.413	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/25/83-07/13/95	3	19.	19.333	35.	4.	240.333	15.503	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/20/74-07/13/95	1	235.	235.	235.	235.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/20/74-07/13/95	3	9.3	9.1	9.8	8.2	0.67	0.819	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/20/74-07/13/95	3	1.2	1.267	1.4	1.2	0.013	0.115	**	**	**	**
00400	PH (STANDARD UNITS)	08/20/74-07/13/95	1	7.65	7.65	7.65	7.65	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/20/74-07/13/95	1	7.65	7.65	7.65	7.65	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/20/74-07/13/95	1	0.022	0.022	0.022	0.022	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/28/80-07/13/95	3	7.6	7.567	7.7	7.4	0.023	0.153	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/28/80-07/13/95	3	7.6	7.548	7.7	7.4	0.024	0.154	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/28/80-07/13/95	3	0.025	0.028	0.04	0.02	0.	0.01	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/19/77-07/13/95	3	37.	27.333	41.	4.	412.333	20.306	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/20/74-07/13/95	3	0.09	0.075	0.12	0.015	0.003	0.054	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/20/74-07/13/95	3	0.56	0.607	0.81	0.45	0.034	0.184	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/20/74-07/13/95	3	0.08	0.107	0.16	0.08	0.002	0.046	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/20/74-07/13/95	3	3.	3.	4.	2.	1.	1.	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/20/74-07/13/95	3	790.	1420.	3300.	170.	2746900.	1657.377	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/20/74-07/13/95	3	2.898	2.882	3.519	2.23	0.415	0.644	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			762.424								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station CHCH0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/20/74-07/13/95	7	17.5	15.771	26.	6.1	54.316	7.37	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/22/75-07/13/95	7	10.	10.871	22.	1.8	58.269	7.633	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	04/28/81-07/13/95	4	749.5	748.5	753.	742.	21.667	4.655	**	**	**	**
00065	STAGE, STREAM (FEET)	08/20/74-07/13/95	7	1.69	2.484	7.25	0.29	5.38	2.319	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/25/83-07/13/95	7	6.	21.	108.	4.	1475.667	38.414	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/20/74-07/13/95	6	277.	253.167	286.	171.	2131.367	46.167	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/20/74-07/13/95	7	9.2	8.214	10.6	5.4	4.275	2.068	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/20/74-07/13/95	6 ##	0.9	1.25	2.9	0.5	0.943	0.971	**	**	**	**
00400	PH (STANDARD UNITS)	08/20/74-07/13/95	6	7.53	7.432	7.66	6.9	0.077	0.277	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/20/74-07/13/95	6	7.529	7.34	7.66	6.9	0.087	0.295	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/20/74-07/13/95	6	0.03	0.046	0.126	0.022	0.002	0.04	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/28/80-07/13/95	7	7.6	7.629	7.8	7.3	0.029	0.17	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/28/80-07/13/95	7	7.6	7.597	7.8	7.3	0.03	0.174	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/28/80-07/13/95	7	0.025	0.025	0.05	0.016	0.	0.012	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/19/77-07/13/95	7	12.	27.286	117.	5.	1590.571	39.882	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/20/74-07/13/95	7	0.06	0.059	0.12	0.015	0.002	0.04	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/20/74-07/13/95	7	0.64	0.67	0.88	0.43	0.026	0.162	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/20/74-07/13/95	7	0.14	0.141	0.25	0.07	0.004	0.062	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/20/74-07/13/95	7	3.	3.2	6.	2.	2.147	1.465	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/20/74-07/13/95	7	280.	1397.143	7900.	50.	8271123.81	2875.956	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/20/74-07/13/95	7	2.447	2.579	3.898	1.699	0.48	0.692	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			379.53								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 6/01 to 10/31 - Station CHCH0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/20/74-07/13/95	85	22.	21.	27.	10.	14.458	3.802	15.3	18.	24.	25.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/22/75-07/13/95	81	26.	24.241	35.5	-1.	50.876	7.133	15.5	20.5	30.	32.4
00025	BAROMETRIC PRESSURE (MM OF HG)	04/28/81-07/13/95	52	749.5	748.885	758.	739.	17.163	4.143	743.	746.	752.	754.
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/20/74-02/22/94	77	60.	127.377	2640.	20.	93830.58	306.318	35.8	44.5	89.5	226.4
00065	STAGE, STREAM (FEET)	08/20/74-07/13/95	85	1.66	1.858	11.45	0.29	1.798	1.341	0.972	1.18	1.91	2.914
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/20/74-09/27/83	44	12.	14.773	78.	4.	146.18	12.09	7.	9.	15.75	25.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/25/83-07/13/95	39	11.	17.897	105.	4.	360.516	18.987	6.	8.	21.	31.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/20/74-07/13/95	76	284.	282.303	395.	95.	2629.974	51.283	213.5	260.	313.75	343.8
00300	OXYGEN, DISSOLVED MG/L	08/20/74-07/13/95	79	5.5	5.657	10.2	3.4	1.871	1.368	4.	4.8	6.3	7.4
00310	BOD, 5 DAY, 20 DEG C MG/L	08/20/74-07/13/95	82	1.3	1.431	3.3	0.05	0.49	0.7	0.53	0.975	1.825	2.5
00335	COD, .025N K2CR2O7 MG/L	07/24/79-01/03/95	20	13.65	14.795	28.	6.9	36.127	6.011	7.84	10.625	18.15	26.36
00400	PH (STANDARD UNITS)	08/20/74-07/13/95	83	7.6	7.591	8.	6.93	0.038	0.195	7.4	7.5	7.7	7.86
00400	CONVERTED PH (STANDARD UNITS)	08/20/74-07/13/95	83	7.6	7.542	8.	6.93	0.04	0.201	7.4	7.5	7.7	7.86
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/20/74-07/13/95	83	0.025	0.029	0.117	0.01	0.	0.017	0.014	0.02	0.032	0.04
00403	PH, LAB, STANDARD UNITS SU	10/28/80-07/13/95	54	7.7	7.691	8.	7.3	0.018	0.135	7.5	7.6	7.8	7.9
00403	CONVERTED PH, LAB, STANDARD UNITS	10/28/80-07/13/95	54	7.7	7.67	8.	7.3	0.019	0.137	7.5	7.6	7.8	7.9
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/28/80-07/13/95	54	0.02	0.021	0.05	0.01	0.	0.007	0.013	0.016	0.025	0.032
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/20/74-09/24/80	24	127.5	126.333	154.	80.	291.014	17.059	101.5	119.75	132.	151.
00417	ALKALINITY,FIXED ENDPOINT TITRATION, USGS LAB MG/L	10/27/87-07/13/95	20	123.5	124.05	145.	90.	265.734	16.301	96.	116.25	140.	144.9
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/19/77-07/13/95	71	17.	23.676	133.	1.	431.594	20.775	6.2	12.	30.	40.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/20/74-07/13/95	84	0.05	0.062	0.28	0.01	0.002	0.046	0.015	0.03	0.08	0.11
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/28/79-01/03/95	19	0.5	0.499	0.8	0.2	0.022	0.15	0.29	0.4	0.6	0.7
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/20/74-07/13/95	84	0.515	0.566	1.33	0.16	0.05	0.224	0.305	0.44	0.668	0.8
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/20/74-07/13/95	84	0.39	0.521	1.64	0.04	0.155	0.394	0.115	0.213	0.783	1.1
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/20/74-07/13/95	79	4.2	5.457	41.	0.5	32.895	5.735	2.	3.	6.2	8.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/20/74-07/25/90	68	126.	122.985	174.	43.	306.164	17.498	105.4	116.5	130.75	136.2
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/20/74-07/13/95	78	430.	1670.962	35000.	36.	18837194.271	4340.184	126.1	230.	972.5	4300.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/20/74-07/13/95	78	2.633	2.716	4.544	1.556	0.362	0.602	2.098	2.362	2.987	3.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			519.805								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 2/29 - Station CHCH0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/20/74-07/13/95	67	9.	8.928	17.5	1.	10.504	3.241	4.5	6.5	11.	13.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/22/75-07/13/95	62	-2.	9.198	25.5	-6.5	64.404	8.025	3.95	7.5	15.5	19.85
00025	BAROMETRIC PRESSURE (MM OF HG)	04/28/81-07/13/95	38	750.	748.763	760.	735.	39.429	6.279	740.	744.5	753.	757.3
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/20/74-02/22/94	60	245.	412.517	1500.	42.	160648.762	400.81	67.7	107.	522.5	1068.
00065	STAGE, STREAM (FEET)	08/20/74-07/13/95	67	3.2	4.056	11.45	1.13	6.971	2.64	1.628	2.01	4.91	8.962
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/20/74-09/27/83	33	13.	21.848	112.	4.	559.883	23.662	6.	10.	25.	62.8
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/25/83-07/13/95	34	16.	29.824	140.	4.	992.877	31.51	5.	8.	36.25	84.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/20/74-07/13/95	56	240.	239.625	435.	92.	3938.348	62.756	140.	204.25	288.	306.2
00300	OXYGEN, DISSOLVED MG/L	08/20/74-07/13/95	66	9.55	9.377	12.	5.4	2.415	1.554	7.24	8.475	10.45	11.63
00310	BOD, 5 DAY, 20 DEG C MG/L	08/20/74-07/13/95	63	1.5	1.762	6.	0.5	0.944	0.972	0.8	1.1	2.4	3.
00335	COD, .025N K2CR2O7 MG/L	07/24/79-01/03/95	16	10.9	13.675	43.7	2.5	83.438	9.134	6.35	8.85	16.375	27.11
00400	PH (STANDARD UNITS)	08/20/74-07/13/95	60	7.6	7.547	7.9	7.02	0.042	0.204	7.3	7.4	7.7	7.8
00400	CONVERTED PH (STANDARD UNITS)	08/20/74-07/13/95	60	7.6	7.498	7.9	7.02	0.044	0.21	7.3	7.4	7.7	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/20/74-07/13/95	60	0.025	0.032	0.095	0.013	0.	0.017	0.016	0.02	0.04	0.05
00403	PH, LAB, STANDARD UNITS SU	10/28/80-07/13/95	46	7.7	7.683	8.2	6.7	0.053	0.23	7.47	7.6	7.8	7.93
00403	CONVERTED PH, LAB, STANDARD UNITS	10/28/80-07/13/95	46	7.7	7.596	8.2	6.7	0.061	0.246	7.47	7.6	7.8	7.93
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/28/80-07/13/95	46	0.02	0.025	0.2	0.006	0.001	0.028	0.012	0.016	0.025	0.034
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/20/74-09/24/80	17	119.	116.118	164.	78.	545.36	23.353	78.8	95.5	132.	144.8
00417	ALKALINITY,FIXED ENDPOINT TITRATION, USGS LAB MG/L	10/27/87-07/13/95	18	105.	104.	143.	5.	992.235	31.5	59.	94.	128.5	133.1
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/19/77-07/13/95	56	15.	38.634	220.	0.5	2974.268	54.537	4.	7.25	39.5	139.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/20/74-07/13/95	66	0.05	0.065	0.22	0.01	0.002	0.047	0.015	0.03	0.09	0.123
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/28/79-01/03/95	17	0.4	0.518	1.5	0.2	0.109	0.33	0.2	0.3	0.7	1.02

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 2/29 - Station CHCH0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/20/74-07/13/95	67	0.57	0.611	1.49	0.2	0.057	0.24	0.338	0.45	0.72	0.87
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/20/74-07/13/95	67	0.18	0.263	1.65	0.07	0.072	0.269	0.09	0.12	0.29	0.494
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/20/74-07/13/95	66	4.05	5.508	34.	0.5	32.863	5.733	0.85	2.65	6.05	10.09
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/20/74-07/25/90	53	114.	111.189	144.	44.	618.964	24.879	68.	97.5	132.	135.6
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/20/74-07/13/95	63	1200.	2859.206	15000.	9.	13965158.424	3736.999	110.	230.	3900.	9300.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/20/74-07/13/95	63	3.079	3.009	4.176	0.954	0.526	0.725	2.041	2.362	3.591	3.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1020.854								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 3/01 to 5/31 - Station CHCH0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/20/74-07/13/95	49	16.	16.167	24.	8.	14.106	3.756	11.	13.	19.25	21.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/22/75-07/13/95	47	19.5	19.017	32.	6.	55.859	7.474	8.44	13.5	25.5	29.2
00025	BAROMETRIC PRESSURE (MM OF HG)	04/28/81-07/13/95	30	748.5	748.167	764.	732.	36.489	6.041	740.2	744.	752.	754.9
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/20/74-02/22/94	45	175.	276.067	1800.	40.	99314.382	315.142	68.6	92.5	313.5	680.
00065	STAGE, STREAM (FEET)	08/20/74-07/13/95	49	2.51	3.22	8.75	1.09	3.646	1.909	1.39	1.995	3.77	7.24
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/20/74-09/27/83	26	14.5	17.308	72.	7.	168.382	12.976	7.7	10.75	19.25	29.1
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/25/83-07/13/95	23	14.	34.391	217.	5.	2540.158	50.4	5.	8.	30.	115.2
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/20/74-07/13/95	43	240.	232.442	325.	143.	1637.491	40.466	172.2	205.	260.	281.8
00300	OXYGEN, DISSOLVED MG/L	08/20/74-07/13/95	47	8.	7.709	11.4	4.5	2.7	1.643	5.2	6.2	9.	9.8
00310	BOD, 5 DAY, 20 DEG C MG/L	08/20/74-07/13/95	46	1.3	1.409	3.1	0.2	0.4	0.633	0.64	1.	1.8	2.33
00335	COD, .025N K2CR2O7 MG/L	07/24/79-01/03/95	11	11.9	12.991	33.3	2.5	59.727	7.728	3.4	9.2	15.7	29.78
00400	PH (STANDARD UNITS)	08/20/74-07/13/95	46	7.6	7.619	8.1	6.9	0.03	0.173	7.47	7.508	7.7	7.8
00400	CONVERTED PH (STANDARD UNITS)	08/20/74-07/13/95	46	7.6	7.577	8.1	6.9	0.032	0.178	7.47	7.507	7.7	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/20/74-07/13/95	46	0.025	0.026	0.126	0.008	0.	0.017	0.016	0.02	0.031	0.034
00403	PH, LAB, STANDARD UNITS SU	10/28/80-07/13/95	32	7.7	7.719	8.	7.3	0.024	0.155	7.5	7.6	7.875	7.9
00403	CONVERTED PH, LAB, STANDARD UNITS	10/28/80-07/13/95	32	7.7	7.69	8.	7.3	0.025	0.158	7.5	7.6	7.875	7.9
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/28/80-07/13/95	32	0.02	0.02	0.05	0.01	0.	0.008	0.013	0.013	0.025	0.032
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/20/74-09/24/80	14	98.5	98.143	125.	69.	267.67	16.361	71.5	88.25	112.	122.
00417	ALKALINITY,FIXED ENDPOINT TITRATION, USGS LAB MG/L	10/27/87-07/13/95	11	105.	99.909	129.	57.	606.091	24.619	58.6	77.	123.	128.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/19/77-07/13/95	41	23.	35.78	168.	2.	1440.676	37.956	9.2	14.	36.	93.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/20/74-07/13/95	49	0.06	0.07	0.18	0.01	0.002	0.045	0.015	0.035	0.105	0.14
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/28/79-01/03/95	11	0.4	0.382	0.6	0.1	0.026	0.16	0.1	0.3	0.5	0.58
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/20/74-07/13/95	49	0.59	0.595	1.11	0.3	0.033	0.182	0.37	0.435	0.71	0.86
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/20/74-07/13/95	49	0.18	0.238	1.78	0.05	0.07	0.265	0.08	0.12	0.25	0.38
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/20/74-07/13/95	48	3.2	3.815	10.1	0.5	4.511	2.124	1.81	2.5	4.925	7.09
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/20/74-07/25/90	43	112.	106.977	134.	1.	558.69	23.637	80.8	99.	122.	128.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/20/74-07/13/95	48	585.	2204.979	28000.	15.	23530162.659	4850.79	80.	140.	2100.	5200.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/20/74-07/13/95	48	2.761	2.755	4.447	1.176	0.525	0.724	1.903	2.143	3.315	3.711
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			568.301								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: CHCH0055

NPS Station ID: CHCH0055 LAT/LON: 34.957226/ -85.205559 Agency: 21GAEPD Date Created: / /
Location: WEST CHICKAMAUGA CREEK - GEORGIA HIGHWAY 146 FIPS State/County: 13047 GEORGIA/CATOOSA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 15090001 /03567340
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: TENNESSEE RIVER ECO Region:
RF1 Index: 06020001008 RF1 Mile Point: 2.880 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 06020001001301.44 RF3 Mile Point: 1.43 Distance from RF3: 0.01 On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/24/84-12/14/98	217	0.	0.046	10.	0.	0.461	0.679	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/73-12/14/98	139	15.5	15.822	28.	4.2	37.594	6.131	7.5	10.8	22.	24.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/07/76-12/14/98	115	16.	16.17	33.	0.5	69.814	8.355	4.96	9.	23.	27.88
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/03/76-12/14/95	32	100.	340.844	1950.	4.	269798.652	519.421	25.6	37.25	288.75	1285.
00065	STAGE, STREAM (FEET)	12/28/77-12/14/98	40	2.145	2.984	11.21	0.29	6.37	2.524	1.101	1.295	3.51	7.018
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/12/73-02/27/80	16	10.	30.5	250.	5.	3731.867	61.089	5.	7.25	20.25	128.2
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/12/73-12/14/98	224	10.	21.54	250.	3.	1023.532	31.993	5.	7.	20.75	55.
00080	COLOR (PLATINUM-COBALT UNITS)	07/12/73-12/10/90	40	15.	27.875	240.	5.	1499.856	38.728	5.	10.	30.	60.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/27/81-12/14/98	47	241.	244.915	340.	92.	3692.514	60.766	164.8	210.	300.	320.8
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/73-12/14/98	246	270.5	263.598	395.	88.	3000.054	54.773	196.	232.	300.25	331.2
00300p	OXYGEN, DISSOLVED MG/L	07/12/73-12/14/98	131	7.6	7.608	11.8	2.4	3.742	1.934	4.92	6.4	9.1	10.16
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	02/23/83-01/24/84	12	80.	71.833	93.	35.	409.061	20.225	37.7	56.5	89.	92.7
00310p	BOD, 5 DAY, 20 DEG C MG/L	07/12/73-12/14/98	132	0.95	1.145	5.9	0.2	0.692	0.832	0.5	0.5	1.4	2.27
00312	BOD, 6 DAY, 20 DEG C MG/L	12/18/84-10/07/91	4	1.8	1.95	2.8	1.4	0.383	0.619	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	12/11/79-08/30/94	17	11.2	11.5	37.3	2.5	68.822	8.296	2.5	4.05	14.05	21.86
00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	11/16/73-07/02/91	10	45905.	49131.	85700.	15940.	809770410.	28456.465	16132.	18130.	84095.	85700.
00400	PH (STANDARD UNITS)	10/15/75-12/14/98	74	7.5	7.403	8.1	6.6	0.125	0.353	6.9	7.1	7.7	7.765
00400	CONVERTED PH (STANDARD UNITS)	10/15/75-12/14/98	74	7.5	7.252	8.1	6.6	0.148	0.384	6.9	7.1	7.7	7.765
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/15/75-12/14/98	74	0.032	0.056	0.251	0.008	0.003	0.052	0.017	0.02	0.079	0.126
00403p	PH, LAB, STANDARD UNITS SU	07/12/73-12/14/98	197	7.7	7.681	8.3	7.1	0.031	0.175	7.5	7.6	7.8	7.9
00403p	CONVERTED PH, LAB, STANDARD UNITS	07/12/73-12/14/98	197	7.7	7.645	8.3	7.1	0.032	0.179	7.5	7.6	7.8	7.9
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/12/73-12/14/98	197	0.02	0.023	0.079	0.005	0.	0.011	0.013	0.016	0.025	0.032
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	07/12/73-12/14/98	258	116.	111.86	158.	5.	644.066	25.378	80.6	99.	129.25	140.
00500	RESIDUE, TOTAL (MG/L)	02/15/88-11/07/89	11	248.	247.636	380.	36.	8753.455	93.56	67.2	200.	312.	372.8
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/25/73-12/14/98	117	10.	17.115	138.	0.5	451.213	21.242	4.	7.	17.	32.
00554	OIL & GREASE, SEDIMENT, % OF DRY WEIGHT %	12/18/84-12/18/84	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/12/73-12/14/98	131	0.04	0.077	1.	0.01	0.018	0.133	0.015	0.015	0.08	0.128
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/24/79-08/30/94	18	0.3	0.383	1.1	0.1	0.085	0.292	0.1	0.175	0.525	1.01
00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	11/16/73-07/14/75	4	1750.5	1580.25	2220.	600.	623000.25	789.304	**	**	**	**
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/12/73-12/14/98	131	0.59	0.602	1.15	0.01	0.039	0.198	0.352	0.47	0.75	0.86
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	07/12/73-12/14/98	132	0.19	0.462	4.53	0.02	0.549	0.741	0.043	0.073	0.413	1.219
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	07/12/73-12/14/98	126	3.	3.933	26.	0.5	10.946	3.308	1.8	2.	5.	6.7
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	07/02/91-07/02/91	1 ##	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00721	CYANIDE IN BOTTOM DEPOSITS (MG/KG AS CN DRY WGT)	07/02/91-07/02/91	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	07/12/73-12/14/98	148	124.5	121.432	172.	10.	531.376	23.052	90.	112.	135.75	146.
00916	CALCIUM, TOTAL (MG/L AS CA)	07/02/91-07/02/91	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	07/02/91-07/02/91	1	5300.	5300.	5300.	5300.	0.	0.	**	**	**	**
00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	07/02/91-07/02/91	1	1800.	1800.	1800.	1800.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/02/91-07/02/91	1	4.6	4.6	4.6	4.6	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	07/02/91-07/02/91	1	5.6	5.6	5.6	5.6	0.	0.	**	**	**	**
00934	SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	07/02/91-07/02/91	1 ##	44.5	44.5	44.5	44.5	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	07/02/91-07/02/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00938	POTASSIUM IN BOTTOM DEPOSITS (MG/KG AS K DRY WGT)	07/02/91-07/02/91	1	1500.	1500.	1500.	1500.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	10/16/73-08/30/94	10 ##	5.	8.	25.	2.5	52.5	7.246	2.5	2.5	12.5	23.75
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	10/25/79-07/02/91	6	9.7	10.15	19.	2.5	44.855	6.697	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	07/29/74-07/02/91	4 ##	140.5	139.	250.	25.	16434.	128.195	**	**	**	**
01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	07/02/91-07/02/91	1	99.	99.	99.	99.	0.	0.	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	07/02/91-08/30/94	2 ##	3.	3.	5.	1.	8.	2.828	**	**	**	**
01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	07/02/91-07/02/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	10/16/73-08/30/94	11 ##	2.5	6.668	25.	0.35	84.251	9.179	0.38	2.5	5.	25.
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/16/73-07/02/91	10 ##	2.5	2.23	5.8	0.5	2.462	1.569	0.5	0.5	2.5	5.47
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/16/73-07/02/91	10	23.	21.4	36.	13.	48.044	6.931	13.1	14.75	24.25	34.9
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/16/73-07/02/91	9 ##	25.	15.833	25.	2.5	118.75	10.897	2.5	5.	25.	25.
01037	COBALT, TOTAL (UG/L AS CO)	07/02/91-07/02/91	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	07/02/91-07/02/91	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	10/16/73-08/30/94	10 ##	17.5	16.35	25.	3.5	87.669	9.363	3.65	8.75	25.	25.
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11/16/73-07/02/91	10	7.5	9.96	19.	3.5	36.994	6.082	3.65	5.	17.5	19.
01045	IRON, TOTAL (UG/L AS FE)	07/02/91-07/02/91	1	1300.	1300.	1300.	1300.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	10/16/73-08/30/94	10 ##	12.5	17.3	50.	2.5	210.122	14.496	2.55	4.5	25.	47.5
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	11/16/73-07/02/91	10	21.	20.1	33.	11.	52.544	7.249	11.1	12.	25.	32.2
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	11/16/73-07/02/91	5	820.	944.4	1469.	430.	249730.3	499.73	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	10/16/73-07/02/91	5	110.	126.	170.	80.	1730.	41.593	**	**	**	**
01059	THALLIUM, TOTAL (UG/L AS TL)	07/02/91-08/30/94	2 ##	31.5	31.5	62.5	0.5	1922.	43.841	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	10/16/73-07/02/91	5 ##	25.	37.	100.	10.	1282.5	35.812	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/16/73-07/02/91	5 ##	5.	7.6	13.	5.	13.8	3.715	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	10/16/73-07/02/91	5 ##	25.	18.1	25.	0.5	115.55	10.749	**	**	**	**
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	07/02/91-07/02/91	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01087	VANADIUM, TOTAL (UG/L AS V)	07/02/91-07/02/91	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01088	VANADIUM IN BOTTOM DEPOSITS (MG/KG AS V DRY WGT)	07/02/91-07/02/91	1	25.	25.	25.	25.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	10/16/73-07/02/91	9 ##	25.	35.889	88.	10.	697.111	26.403	10.	17.5	57.5	88.
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	11/16/73-07/02/91	10	45.	57.4	230.	19.	3852.489	62.068	19.2	24.	51.25	212.8
01097	ANTIMONY, TOTAL (UG/L AS SB)	07/02/91-07/02/91	1 ##	30.	30.	30.	30.	0.	0.	**	**	**	**
01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	07/02/91-07/02/91	1 ##	4.	4.	4.	4.	0.	0.	**	**	**	**
01102	TIN, TOTAL (UG/L AS SN)	07/02/91-07/02/91	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01103	TIN IN BOTTOM DEPOSITS (MG/KG AS SN DRY WGT)	07/02/91-07/02/91	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	07/02/91-07/02/91	1	1300.	1300.	1300.	1300.	0.	0.	**	**	**	**
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	07/02/91-07/02/91	1	15000.	15000.	15000.	15000.	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	07/02/91-08/30/94	2 ##	3.25	3.25	4.	2.5	1.125	1.061	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	07/02/91-07/02/91	1 ##	7.	7.	7.	7.	0.	0.	**	**	**	**
01152	TITANIUM, TOTAL (UG/L AS TI)	07/02/91-07/02/91	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01153	TITANIUM IN BOTTOM DEPOSITS (MG/KG AS TI DRY WGT)	07/02/91-07/02/91	1	43.	43.	43.	43.	0.	0.	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	07/02/91-07/02/91	1	21000.	21000.	21000.	21000.	0.	0.	**	**	**	**
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/12/73-12/14/98	128	490.	4295.508	230000.	0.	481061953.087	21933.125	80.	212.5	1375.	4900.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/12/73-12/14/98	128	2.69	2.752	5.362	0.	0.585	0.765	1.903	2.327	3.138	3.69
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			565.219								
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	03/26/91-07/02/91	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	03/26/91-07/02/91	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	03/26/91-07/02/91	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32104	BROMOFORM,WHOLE WATER,UG/L	03/26/91-07/02/91	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32106	CHLOROFORM,WHOLE WATER,UG/L	03/26/91-07/02/91	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	03/26/91-07/02/91	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	03/26/91-07/02/91	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34200	ACENAPHTHYLENE TOTWUG/L	03/26/91-07/02/91	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34205	ACENAPHTHENE TOTWUG/L	03/26/91-07/02/91	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34210	ACROLEIN TOTWUG/L	03/26/91-07/02/91	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34215	ACRYLONITRILE TOTWUG/L	03/26/91-07/02/91	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34220	ANTHRACENE TOTWUG/L	03/26/91-07/02/91	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	03/26/91-07/02/91	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	03/26/91-07/02/91	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34247	BENZO-A-PYRENE TOTWUG/L	03/26/91-07/02/91	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34257	B-BHC-BETA DRY WGTBOTUG/KG	10/25/79-07/02/91	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	03/26/91-07/02/91	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34262	DELTA BENZENE HEXACHLORIDE DRY WGTBOTUG/KG	07/02/91-07/02/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	03/26/91-07/02/91	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	03/26/91-07/02/91	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	03/26/91-07/02/91	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	03/26/91-07/02/91	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34301	CHLOROBENZENE TOTWUG/L	03/26/91-07/02/91	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34306	CHLORODIBROMOMETHANE TOTWUG/L	03/26/91-07/02/91	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34311	CHLOROETHANE TOTWUG/L	03/26/91-07/02/91	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34320	CHRYSENE TOTWUG/L	03/26/91-07/02/91	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34336	DIETHYL PHTHALATE TOTWUG/L	03/26/91-07/02/91	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34341	DIMETHYL PHTHALATE TOTWUG/L	03/26/91-07/02/91	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34351	ENDOSULFAN SULFATE TOTWUG/L	03/26/91-07/02/91	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	07/02/91-07/02/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34356	ENDOSULFAN, BETA TOTWUG/L	03/26/91-07/02/91	2 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	07/02/91-07/02/91	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
34361	ENDOSULFAN, ALPHA TOTWUG/L	03/26/91-07/02/91	2 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	07/02/91-07/02/91	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34366	ENDRIN ALDEHYDE TOTWUG/L	03/26/91-07/02/91	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	07/02/91-07/02/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	03/26/91-07/02/91	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34376	FLUORANTHENE TOTWUG/L	03/26/91-07/02/91	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34381	FLUORENE TOTWUG/L	03/26/91-07/02/91	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	03/26/91-07/02/91	2 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34396	HEXACHLOROETHANE TOTWUG/L	03/26/91-07/02/91	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	03/26/91-07/02/91	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34408	ISOPHORONE TOTWUG/L	03/26/91-07/02/91	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34413	METHYL BROMIDE TOTWUG/L	03/26/91-07/02/91	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34418	METHYL CHLORIDE TOTWUG/L	03/26/91-07/02/91	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34423	METHYLENE CHLORIDE TOTWUG/L	03/26/91-07/02/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	03/26/91-07/02/91	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34433	N-NITROSODIPHENYLAMINE TOTWUG/L	03/26/91-07/02/91	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34438	N-NITROSODIMETHYLAMINE TOTWUG/L	03/26/91-07/02/91	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34447	NITROBENZENE TOTWUG/L	03/26/91-07/02/91	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34452	PARACHLOROMETA CRESOL TOTWUG/L	03/26/91-07/02/91	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34461	PHENANTHRENE TOTWUG/L	03/26/91-07/02/91	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34469	PYRENE TOTWUG/L	03/26/91-07/02/91	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34475	TETRACHLOROETHYLENE TOTWUG/L	03/26/91-07/02/91	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34480	THALLIUM DRY WGTBOTMG/KG	07/02/91-07/02/91	1 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	03/26/91-07/02/91	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34496	1,1-DICHLOROETHANE TOTWUG/L	03/26/91-07/02/91	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34501	1,1-DICHLOROETHYLENE TOTWUG/L	03/26/91-07/02/91	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	03/26/91-07/02/91	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	03/26/91-07/02/91	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	03/26/91-07/02/91	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	03/26/91-07/02/91	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	03/26/91-07/02/91	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34536	1,2-DICHLOROBENZENE TOTWUG/L	03/26/91-07/02/91	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34541	1,2-DICHLOROPROPANE TOTWUG/L	03/26/91-07/02/91	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	03/26/91-07/02/91	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	03/26/91-07/02/91	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	03/26/91-07/02/91	2 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34566	1,3-DICHLOROBENZENE TOTWUG/L	03/26/91-07/02/91	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34571	1,4-DICHLOROBENZENE TOTWUG/L	03/26/91-07/02/91	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	03/26/91-07/02/91	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34581	2-CHLORONAPHTHALENE TOTWUG/L	03/26/91-07/02/91	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34586	2-CHLOROPHENOL TOTWUG/L	03/26/91-07/02/91	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34591	2-NITROPHENOL TOTWUG/L	03/26/91-07/02/91	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34596	DI-N-OCTYL PHTHALATE TOTWUG/L	03/26/91-07/02/91	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34601	2,4-DICHLOROPHENOL TOTWUG/L	03/26/91-07/02/91	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34606	2,4-DIMETHYLPHENOL TOTWUG/L	03/26/91-07/02/91	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34611	2,4-DINITROTOLUENE TOTWUG/L	03/26/91-07/02/91	2 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34616	2,4-DINITROPHENOL TOTWUG/L	03/26/91-07/02/91	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	03/26/91-07/02/91	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34626	2,6-DINITROTOLUENE TOTWUG/L	03/26/91-07/02/91	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	03/26/91-07/02/91	2 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	03/26/91-07/02/91	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	03/26/91-07/02/91	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34646	4-NITROPHENOL TOTWUG/L	03/26/91-07/02/91	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	03/26/91-07/02/91	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34671	PCB - 1016 TOTWUG/L	03/26/91-07/02/91	2 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	03/26/91-07/02/91	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34695	PHENOL(C6H5OH)-SINGLE COMPOUND DRY WGTTUG/KG	10/01/87-08/02/88	2 ##	500.	500.	500.	500.	0.	0.	**	**	**	**
34696	NAPHTHALENE TOTWUG/L	03/26/91-07/02/91	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	03/26/91-07/02/91	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	03/26/91-07/02/91	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
38702	AOP (AMBAM OXIDATION PRODUCT) WATER, SUSUG/L	03/26/91-07/02/91	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	03/26/91-07/02/91	2 ##	5.025	5.025	10.	0.05	49.501	7.036	**	**	**	**
39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	10/15/82-07/02/91	4 ##	10.	12.5	20.	10.	25.	5.	**	**	**	**
39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	10/25/79-07/02/91	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	03/26/91-07/02/91	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	03/26/91-07/02/91	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	03/26/91-07/02/91	2 ##	40.	40.	40.	40.	0.	0.	**	**	**	**
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	03/26/91-07/02/91	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	03/26/91-07/02/91	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	03/26/91-07/02/91	2 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/16/73-07/02/91	2 ##	0.6	0.6	1.	0.2	0.32	0.566	**	**	**	**
39306	O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/16/73-11/16/73	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	03/26/91-07/02/91	2 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/16/73-07/02/91	2 ##	0.6	0.6	1.	0.2	0.32	0.566	**	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	03/26/91-07/02/91	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/16/73-07/02/91	2 ##	2.05	2.05	4.	0.1	7.605	2.758	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	03/26/91-07/02/91	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/16/73-07/02/91	10 ##	0.5	0.335	0.5	0.05	0.047	0.217	0.05	0.05	0.5	0.5
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	03/26/91-07/02/91	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	03/26/91-07/02/91	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	03/26/91-07/02/91	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	08/02/88-07/02/91	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	03/26/91-07/02/91	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	10/25/79-07/02/91	6 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
39359	DDT SUM ANALOGS IN SEDIMENT UG/KG DRY WEIGHT	10/30/85-07/02/91	4 ##	2.25	2.625	4.	2.	0.896	0.946	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/29/74-07/14/75	3	2.4	1.667	2.4	0.2	1.613	1.27	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/29/74-07/14/75	3	3.9	3.6	3.9	3.	0.27	0.52	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/29/74-10/15/82	5 ##	1.7	1.52	2.	0.2	0.567	0.753	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	03/26/91-07/02/91	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	07/29/74-07/02/91	9 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	03/26/91-07/02/91	2 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/25/79-07/02/91	6 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	03/26/91-07/02/91	2 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	11/16/73-07/02/91	10 ##	10.	7.2	10.	3.	13.067	3.615	3.	3.	10.	10.
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	03/26/91-07/02/91	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	11/16/73-07/02/91	5 ##	0.04	0.132	0.5	0.04	0.042	0.206	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	03/26/91-07/02/91	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	11/16/73-07/02/91	5 ##	1.	0.72	1.	0.1	0.167	0.409	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	03/26/91-07/02/91	2 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	10/25/79-07/02/91	6 ##	6.	5.333	6.	2.	2.667	1.633	**	**	**	**
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	03/26/91-07/02/91	2 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	07/02/91-07/02/91	1 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	03/26/91-07/02/91	2 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	07/02/91-07/02/91	1 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	03/26/91-07/02/91	2 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	07/02/91-07/02/91	1 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	03/26/91-07/02/91	2 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	07/02/91-07/02/91	1 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	03/26/91-07/02/91	2 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	07/02/91-07/02/91	1 ##	3.	3.	3.	3.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	03/26/91-07/02/91	2 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	07/02/91-07/02/91	1 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	07/02/91-07/02/91	1 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/16/73-07/02/91	10 ##	3.	3.6	9.	3.	3.6	1.897	3.	3.	3.	8.4
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	03/26/91-07/02/91	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	10/25/79-07/02/91	6 ##	0.375	0.375	0.5	0.25	0.019	0.137	**	**	**	**
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	07/02/91-07/02/91	1 ##	2.6	2.6	2.6	2.6	0.	0.	**	**	**	**
39731	2,4-D IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/01/87-07/02/91	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39755	MIREX, TOTAL (UG/L)	03/26/91-07/02/91	2 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	11/16/73-07/02/91	6 ##	2.	2.067	3.	0.4	0.907	0.952	**	**	**	**
39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	07/02/91-07/02/91	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/01/87-07/02/91	3 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/16/73-07/14/75	4 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
39811	CHLORDANE,GAMMA,IN BOTTOM DEPOS(UG/KG DRY SOLIDS)	10/25/79-10/01/87	4 ##	0.25	0.313	0.5	0.25	0.016	0.125	**	**	**	**
45013	ISOPROPYL ACETATE WH WAT UG/L	03/26/91-07/02/91	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
45022	PROPYL ACETATE WH WAT UG/L	03/26/91-07/02/91	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
50038	ELEVATION OF WATER LEVEL RELATIVE TO REF PT. FEET	03/26/86-03/26/86	1	21.72	21.72	21.72	21.72	0.	0.	**	**	**	**
70318	SOLIDS, TOTAL, PERCENT OF WET SAMPLE	11/16/73-07/02/91	9	68.	62.8	76.5	41.	164.283	12.817	41.	51.4	74.2	76.5
70322	SOLIDS, VOLATILE, PERCENT OF TOTAL SOLIDS	11/16/73-07/02/91	9	4.	4.489	7.5	2.	4.384	2.094	2.	2.65	6.5	7.5
71900	MERCURY, TOTAL (UG/L AS HG)	10/16/73-08/30/94	10 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	11/16/73-07/02/91	10 ##	0.05	0.07	0.2	0.05	0.002	0.048	0.05	0.05	0.063	0.19
77041	CARBON DISULFIDE WHOLE WATER,UG/L	03/26/91-07/02/91	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
77103	2-HEXANONE WHOLE WATER,UG/L	03/26/91-07/02/91	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
77128	STYRENE WHOLE WATER,UG/L	03/26/91-07/02/91	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
77135	O-XYLENE WHOLE WATER,UG/L	03/26/91-07/02/91	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
77189	N-BUTYL ACETATE WHOLE WATER,UG/L	03/26/91-07/02/91	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
78132	P-XYLENE IN WHOLE WATER UG/L	03/26/91-07/02/91	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
81552	ACETONE WHL WATER SMPL UG/L	03/26/91-07/02/91	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
81585	ETHYL ACETATE WHL WATER SMPL UG/L	03/26/91-07/02/91	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	03/26/91-07/02/91	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
81596	METHYL-ISOBUTYL KETONE WHL WATER SMPL UG/L	03/26/91-07/02/91	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
81710	M-XYLENE IN THE WHOLE WATER SAMPLE MG/L	03/26/91-07/02/91	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	03/27/84-06/26/84	4	21.	44.	120.	14.	2588.667	50.879	**	**	**	**
82580p	TAPEDOWN DIST. FROM REF PT ABOVE TO H2O SURFACE FT	07/12/73-02/01/95	220	18.805	17.054	26.02	3.55	25.245	5.024	11.055	12.993	22.023	22.539

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0055

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	16	2	0.13	8	0	0.00	5	0	0.00	3	2	0.67			
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	224	23	0.10	92	2	0.02	77	12	0.16	55	9	0.16			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	131	4	0.03	54	4	0.07	44	0	0.00	33	0	0.00			
00400	PH	Fresh Chronic	9.	74	0	0.00	32	0	0.00	25	0	0.00	17	0	0.00			
		Other-Lo Lim.	6.5	74	0	0.00	32	0	0.00	25	0	0.00	17	0	0.00			
00403	PH, LAB	Fresh Chronic	9.	197	0	0.00	84	0	0.00	63	0	0.00	50	0	0.00			
		Other-Lo Lim.	6.5	197	0	0.00	84	0	0.00	63	0	0.00	50	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	131	0	0.00	54	0	0.00	44	0	0.00	33	0	0.00			
00720	CYANIDE, TOTAL	Fresh Acute	0.022	1	0	0.00	1	0	0.00									
		Drinking Water	0.2	1	0	0.00	1	0	0.00									
01002	ARSENIC, TOTAL	Fresh Acute	360.	10	0	0.00	10	0	0.00									
		Drinking Water	50.	10	0	0.00	10	0	0.00									
01007	BARIUM, TOTAL	Drinking Water	2000.	4	0	0.00	4	0	0.00									
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	2	0	0.00	2	0	0.00									
		Drinking Water	4.	1 &	0	0.00	1	0	0.00									
01027	CADMIUM, TOTAL	Fresh Acute	3.9	7 &	0	0.00	6	0	0.00	1	0	0.00						
		Drinking Water	5.	7 &	0	0.00	6	0	0.00	1	0	0.00						
01034	CHROMIUM, TOTAL	Drinking Water	100.	9	0	0.00	9	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	5 &	0	0.00	5	0	0.00									
		Drinking Water	1300.	10	0	0.00	10	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0055

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01051	LEAD, TOTAL	Fresh Acute	82.	10	0	0.00	10	0	0.00									
		Drinking Water	15.	6 &	0	0.00	6	0	0.00									
01059	THALLIUM, TOTAL	Fresh Acute	1400.	2	0	0.00	2	0	0.00									
		Drinking Water	2.	1 &	0	0.00	1	0	0.00									
01067	NICKEL, TOTAL	Fresh Acute	1400.	5	0	0.00	5	0	0.00									
		Drinking Water	100.	4 &	0	0.00	4	0	0.00									
01077	SILVER, TOTAL	Fresh Acute	4.1	1 &	0	0.00	1	0	0.00									
		Drinking Water	100.	5	0	0.00	5	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	9	0	0.00	9	0	0.00									
		Drinking Water	5000.	9	0	0.00	9	0	0.00									
01097	ANTIMONY, TOTAL	Fresh Acute	88.	1	0	0.00	1	0	0.00									
		Drinking Water	6.	0 &	0	0.00												
01147	SELENIUM, TOTAL	Fresh Acute	20.	2	0	0.00	2	0	0.00									
		Drinking Water	50.	2	0	0.00	2	0	0.00									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	128	98	0.77	53	38	0.72	43	35	0.81	32	25	0.78			
32101	BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	2	0	0.00	1	0	0.00				1	0	0.00			
32102	CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	5.	2	0	0.00	1	0	0.00				1	0	0.00			
32103	1,2-DICHLOROETHANE,WHOLE WATER	Fresh Acute	118000.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	5.	2	0	0.00	1	0	0.00				1	0	0.00			
32104	BROMOFORM, WHOLE WATER	Drinking Water	100.	2	0	0.00	1	0	0.00				1	0	0.00			
32106	CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	100.	2	0	0.00	1	0	0.00				1	0	0.00			
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	1000.	2	0	0.00	1	0	0.00				1	0	0.00			
34205	ACENAPHTHENE, TOTAL	Fresh Acute	1700.	2	0	0.00	1	0	0.00				1	0	0.00			
34210	ACROLEIN, TOTAL	Fresh Acute	68.	2	0	0.00	1	0	0.00				1	0	0.00			
34215	ACRYLONITRILE, TOTAL	Fresh Acute	7550.	2	0	0.00	1	0	0.00				1	0	0.00			
34301	CHLOROBENZENE, TOTAL	Drinking Water	100.	2	0	0.00	1	0	0.00				1	0	0.00			
34306	CHLORODIBROMOMETHANE, TOTAL	Drinking Water	100.	2	0	0.00	1	0	0.00				1	0	0.00			
34356	ENDOSULFAN, BETA, TOTAL	Fresh Acute	0.22	2	0	0.00	1	0	0.00				1	0	0.00			
34361	ENDOSULFAN, ALPHA, TOTAL	Fresh Acute	0.22	2	0	0.00	1	0	0.00				1	0	0.00			
34371	ETHYLBENZENE, TOTAL	Fresh Acute	32000.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	700.	2	0	0.00	1	0	0.00				1	0	0.00			
34376	FLUORANTHENE, TOTAL	Fresh Acute	3980.	2	0	0.00	1	0	0.00				1	0	0.00			
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL	Fresh Acute	7.	0 &	0	0.00												
		Drinking Water	50.	2	0	0.00	1	0	0.00				1	0	0.00			
34396	HEXACHLOROETHANE, TOTAL	Fresh Acute	980.	2	0	0.00	1	0	0.00				1	0	0.00			
34403	INDENO (1,2,3-CD) PYRENE, TOTAL	Drinking Water	0.4	0 &	0	0.00												
34408	ISOPHORONE, TOTAL	Fresh Acute	117000.	2	0	0.00	1	0	0.00				1	0	0.00			
34423	METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	2	0	0.00	1	0	0.00				1	0	0.00			
34447	NITROBENZENE, TOTAL	Fresh Acute	27000.	2	0	0.00	1	0	0.00				1	0	0.00			
34452	PARACHLOROMETA CRESOL, TOTAL	Fresh Acute	30.	2	0	0.00	1	0	0.00				1	0	0.00			
34461	PHENANTHRENE, TOTAL	Fresh Acute	30.	2	0	0.00	1	0	0.00				1	0	0.00			
34475	TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	5.	2	0	0.00	1	0	0.00				1	0	0.00			
34501	1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	2	0	0.00	1	0	0.00				1	0	0.00			
34506	1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	2	0	0.00	1	0	0.00				1	0	0.00			
34511	1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	2	0	0.00	1	0	0.00				1	0	0.00			
34536	1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	2	0	0.00	1	0	0.00				1	0	0.00			
34541	1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	2	0	0.00	1	0	0.00				1	0	0.00			
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	2	0	0.00	1	0	0.00				1	0	0.00			
34551	1,2,4-TRICHLOROBENZENE, TOTAL	Drinking Water	70.	2	0	0.00	1	0	0.00				1	0	0.00			
34566	1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	2	0	0.00	1	0	0.00				1	0	0.00			
34571	1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	2	0	0.00	1	0	0.00				1	0	0.00			
34586	2-CHLOROPHENOL, TOTAL	Fresh Acute	4380.	2	0	0.00	1	0	0.00				1	0	0.00			
34601	2,4-DICHLOROPHENOL, TOTAL	Fresh Acute	2020.	2	0	0.00	1	0	0.00				1	0	0.00			
34606	2,4-DIMETHYLPHENOL, TOTAL	Fresh Acute	2120.	2	0	0.00	1	0	0.00				1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

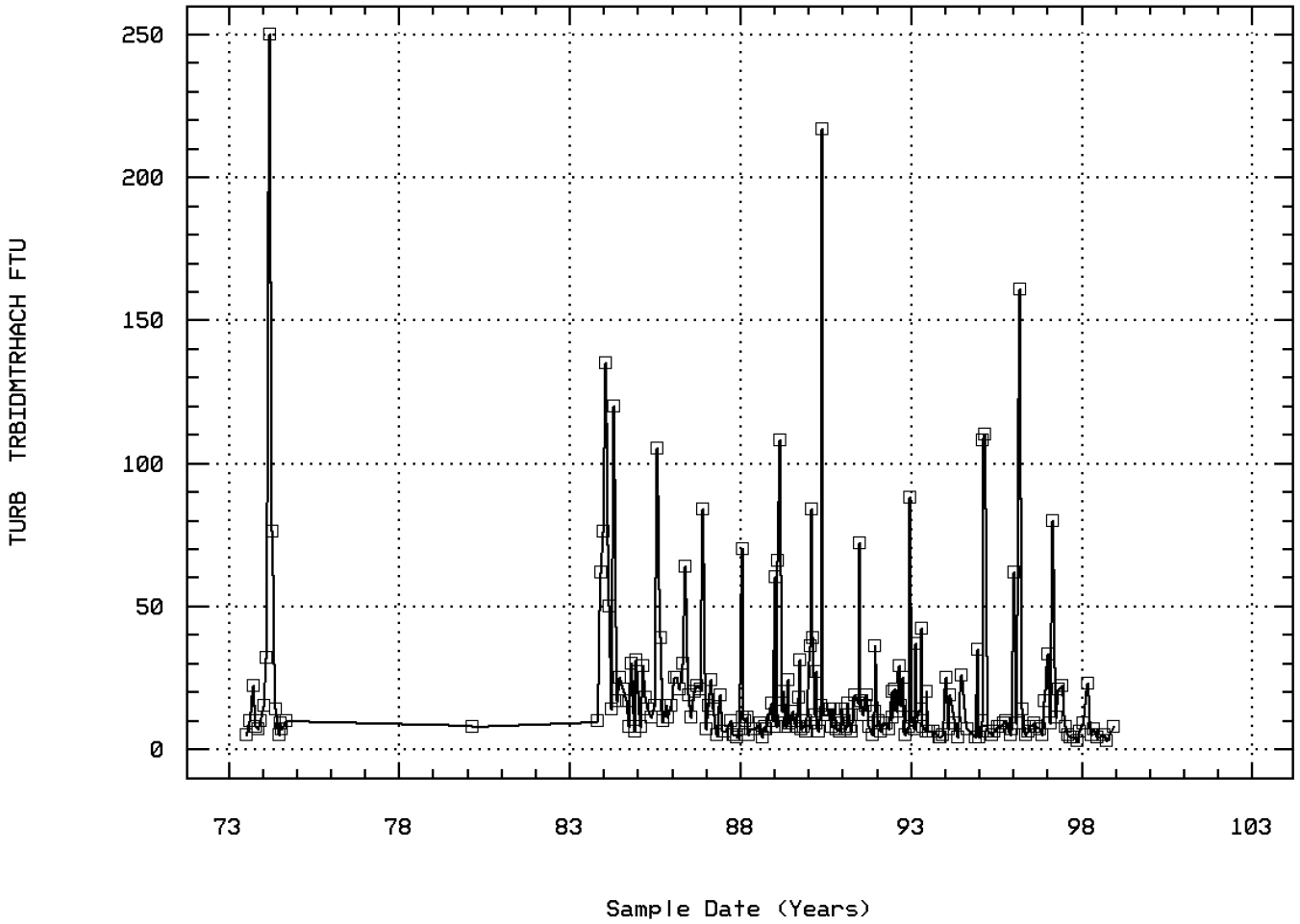
EPA Water Quality Criteria Analysis for Station: CHCH0055

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
34611	2,4-DINITROTOLUENE, TOTAL	Fresh Acute	330.	2	0	0.00	1	0	0.00				1	0	0.00			
34694	PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	Fresh Acute	10200.	2	0	0.00	1	0	0.00				1	0	0.00			
34696	NAPHTHALENE, TOTAL	Fresh Acute	2300.	2	0	0.00	1	0	0.00				1	0	0.00			
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	1.	1 &	0	0.00	1	0	0.00									
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	Fresh Acute	2000.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	6.	2	0	0.00	1	0	0.00				1	0	0.00			
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	0 &	0	0.00												
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	5.	2	0	0.00	1	0	0.00				1	0	0.00			
39300	P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	2	0	0.00	1	0	0.00				1	0	0.00			
39310	P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	2	0	0.00	1	0	0.00				1	0	0.00			
39320	P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	2	0	0.00	1	0	0.00				1	0	0.00			
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	2	0	0.00	1	0	0.00				1	0	0.00			
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	0.2	2	0	0.00	1	0	0.00				1	0	0.00			
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	2.	2	0	0.00	1	0	0.00				1	0	0.00			
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	2	0	0.00	1	0	0.00				1	0	0.00			
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	2.	2	0	0.00	1	0	0.00				1	0	0.00			
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	3.	2	0	0.00	1	0	0.00				1	0	0.00			
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	0.4	2	0	0.00	1	0	0.00				1	0	0.00			
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	0.2	2	0	0.00	1	0	0.00				1	0	0.00			
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	2	0	0.00	1	0	0.00				1	0	0.00			
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	1.	2	0	0.00	1	0	0.00				1	0	0.00			
39730	2,4-D IN WHOLE WATER SAMPLE	Drinking Water	70.	1	0	0.00	1	0	0.00									
39760	SILVEX IN WHOLE WATER SAMPLE	Drinking Water	50.	1	0	0.00	1	0	0.00									
71900	MERCURY, TOTAL	Fresh Acute	2.4	10	0	0.00	10	0	0.00									
		Drinking Water	2.	10	0	0.00	10	0	0.00									
77128	STYRENE, WHOLE WATER	Drinking Water	100.	2	0	0.00	1	0	0.00				1	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	4	1	0.25	1	0	0.00				3	1	0.33			

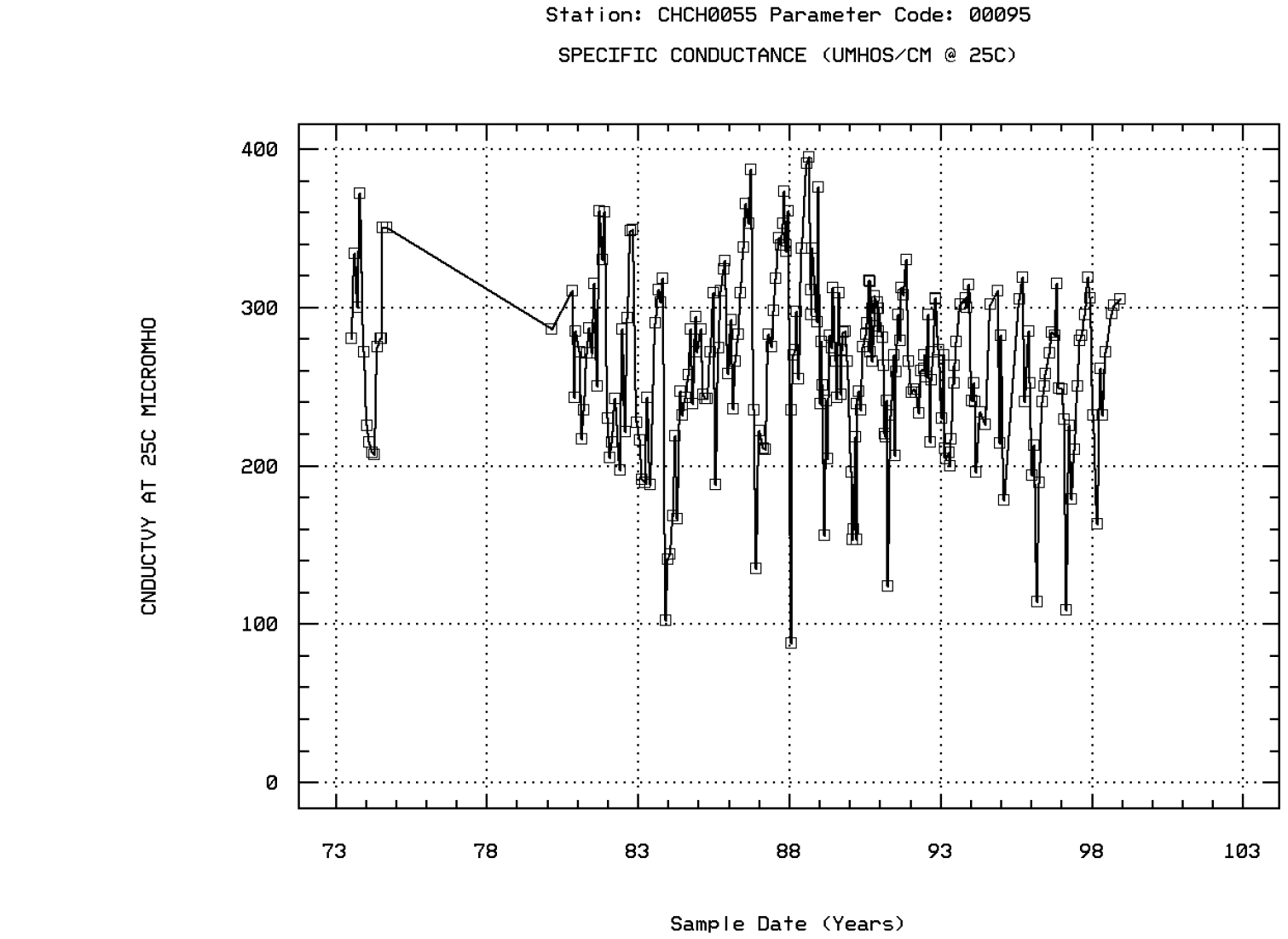
& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station: CHCH0055 Parameter Code: 00076

TURBIDITY,HACH TURBIDIMETER (FORMAZIN T



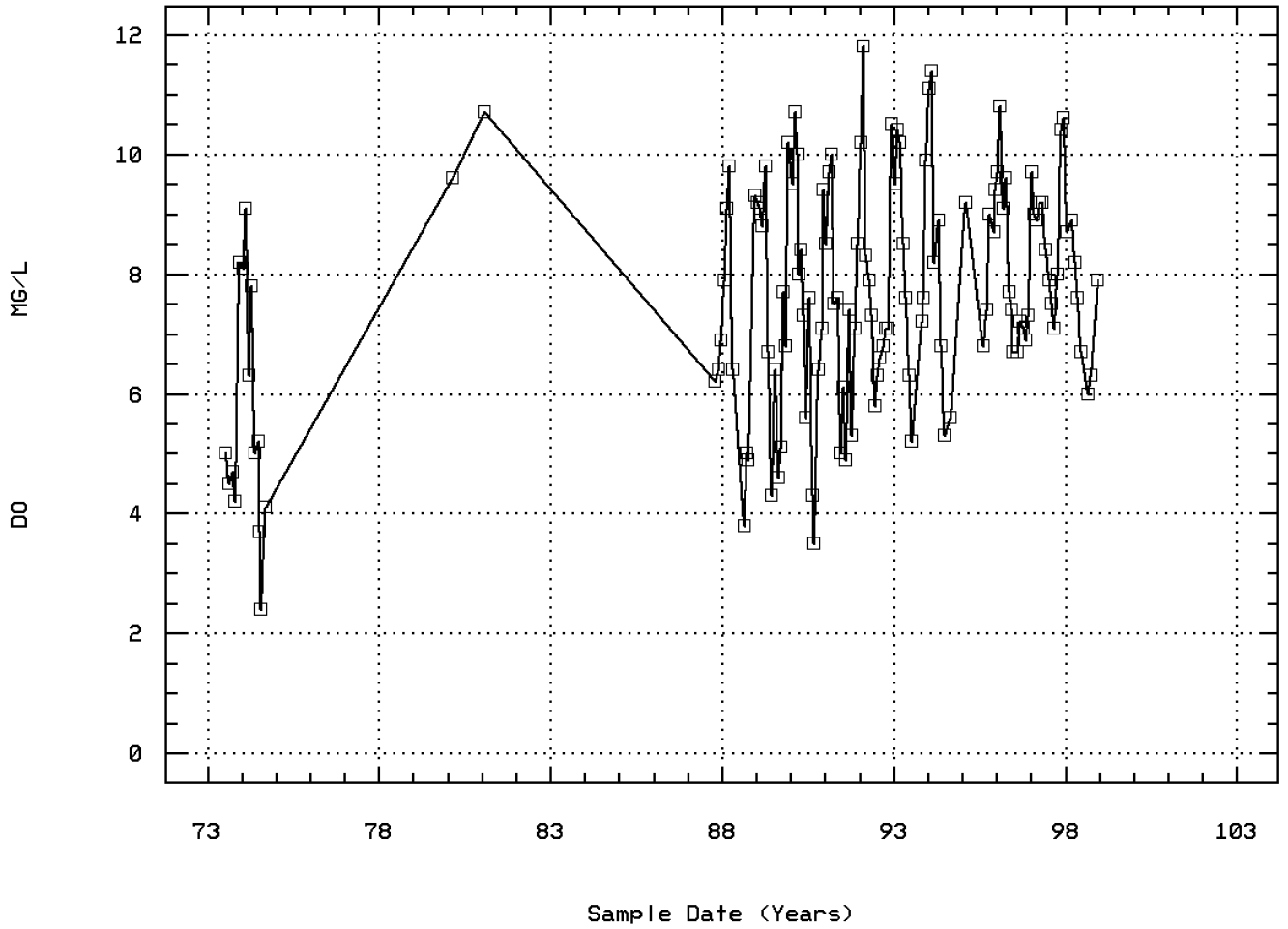
WEST CHICKAMAUGA CREEK - GEORGIA HIGHWA



WEST CHICKAMAUGA CREEK - GEORGIA HIGHWA

Station: CHCH0055 Parameter Code: 00300

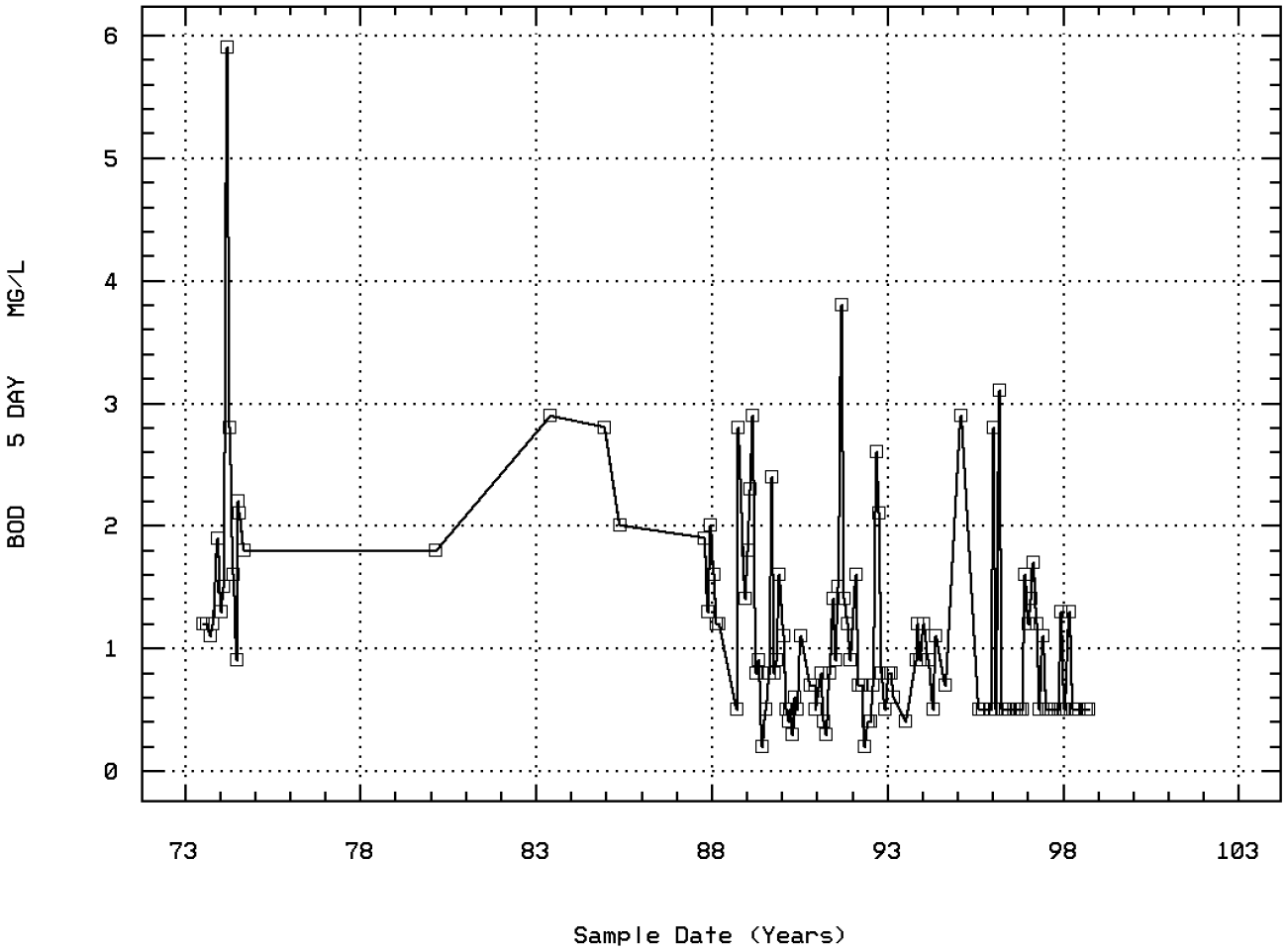
OXYGEN, DISSOLVED



WEST CHICKAMAUGA CREEK - GEORGIA HIGHWA

Station: CHCH0055 Parameter Code: 00310

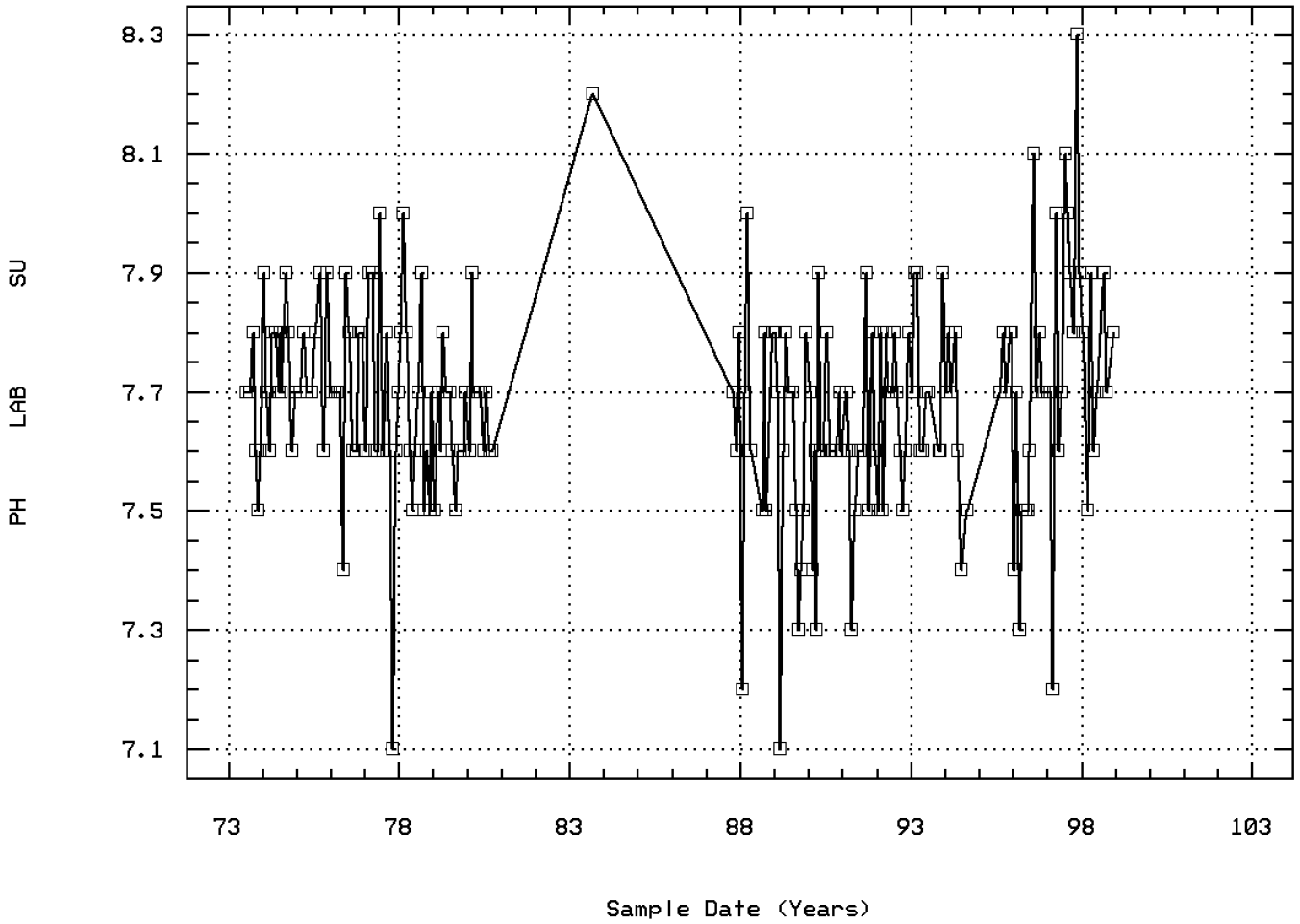
BOD, 5 DAY, 20 DEG C



WEST CHICKAMAUGA CREEK - GEORGIA HIGHWA

Station: CHCH0055 Parameter Code: 00403

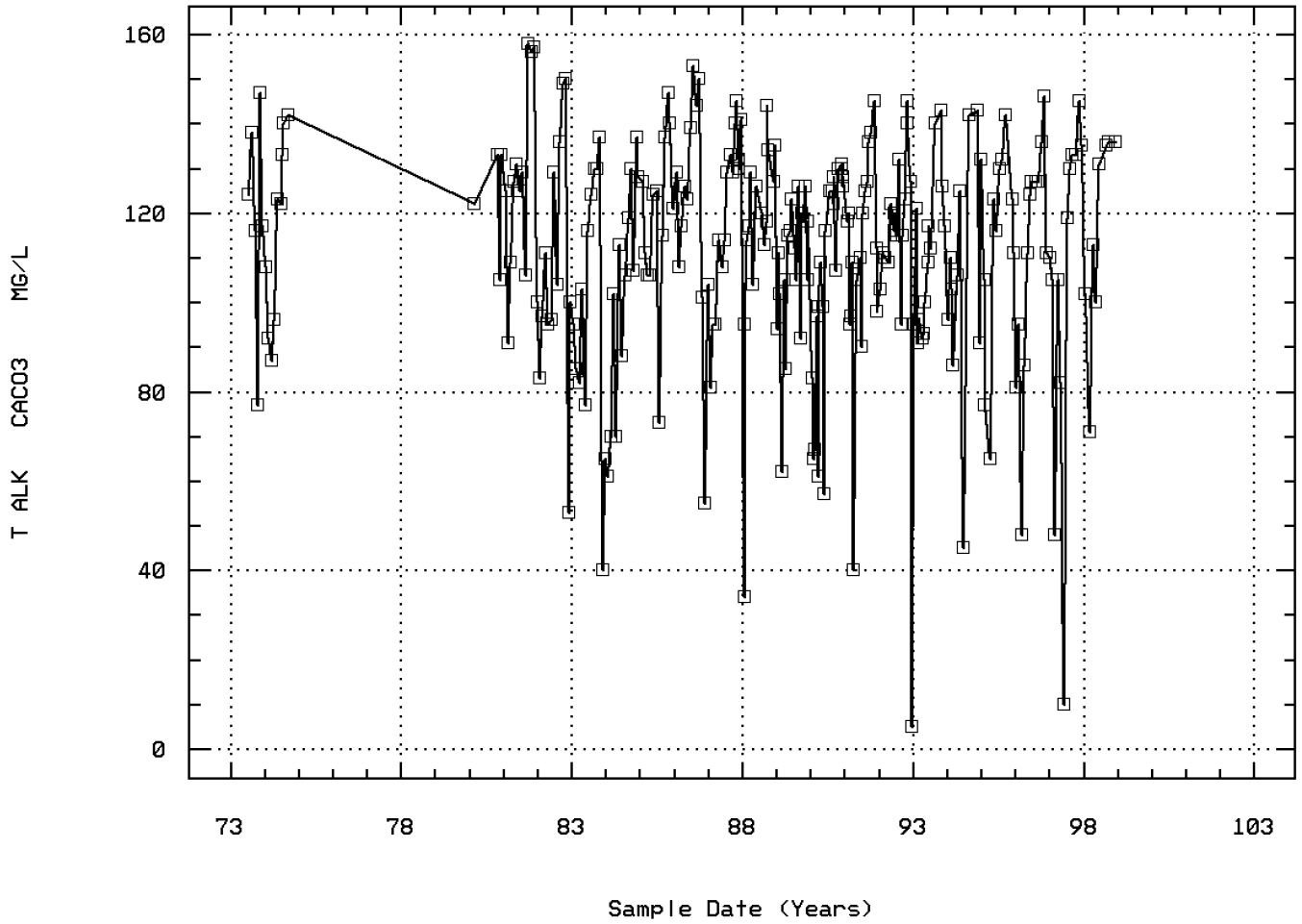
PH, LAB, STANDARD UNITS



WEST CHICKAMAUGA CREEK - GEORGIA HIGHWA

Station: CHCH0055 Parameter Code: 00410

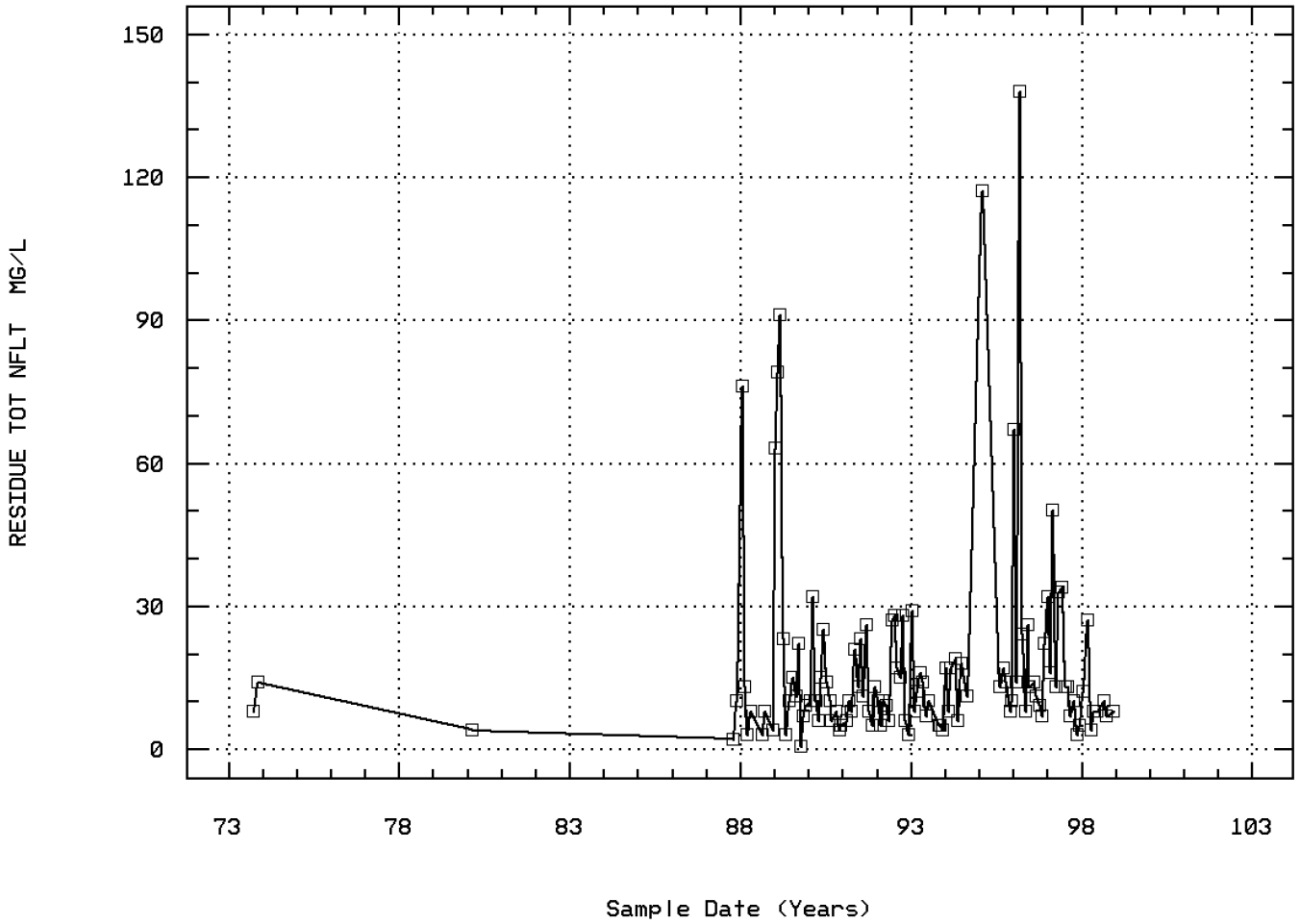
ALKALINITY, TOTAL (MG/L AS CACO3)



WEST CHICKAMAUGA CREEK - GEORGIA HIGHWA

Station: CHCH0055 Parameter Code: 00530

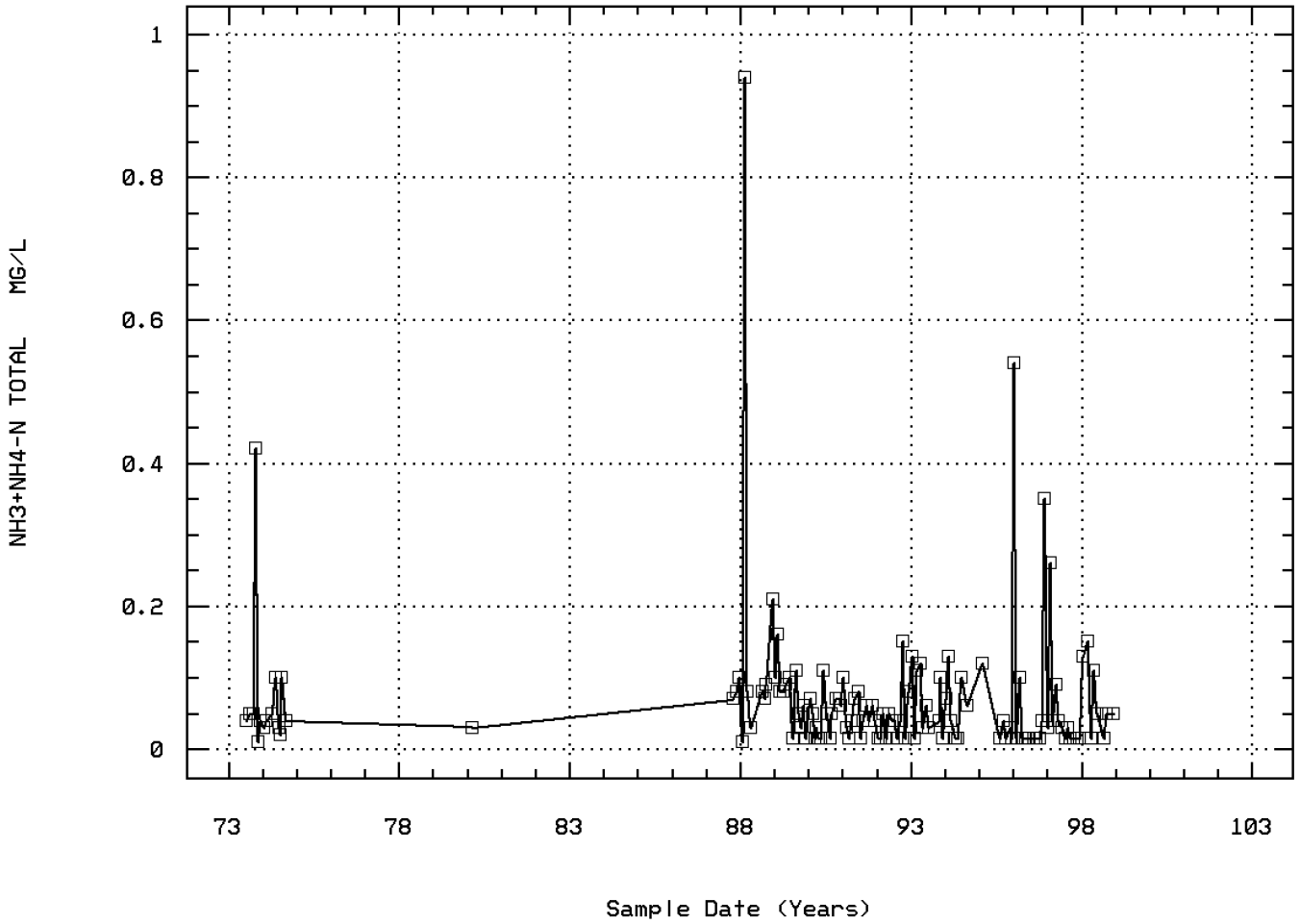
RESIDUE, TOTAL NONFILTRABLE (MG/L)



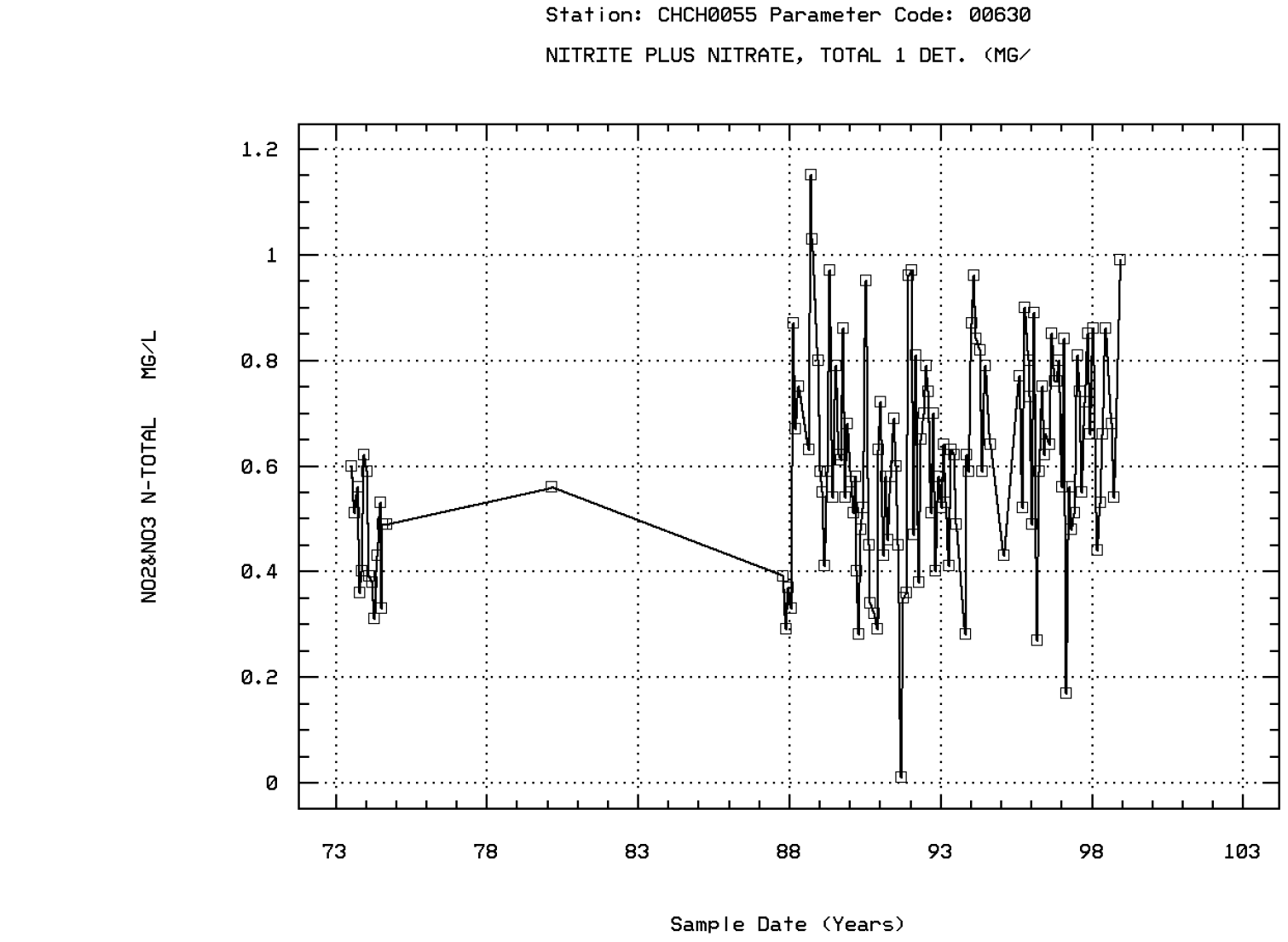
WEST CHICKAMAUGA CREEK - GEORGIA HIGHWA

Station: CHCH0055 Parameter Code: 00610

NITROGEN, AMMONIA, TOTAL (MG/L AS N)



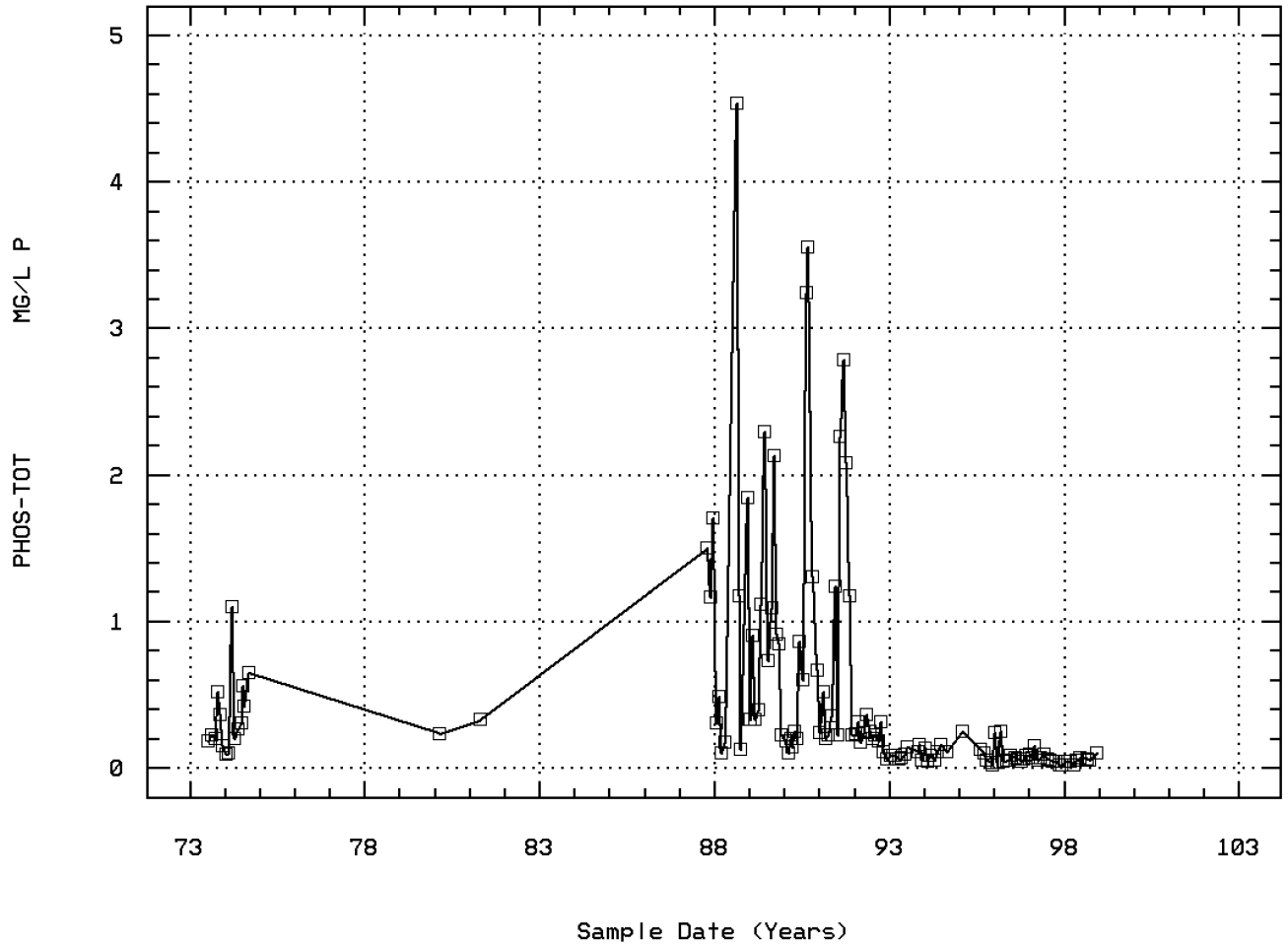
WEST CHICKAMAUGA CREEK - GEORGIA HIGHWA



WEST CHICKAMAUGA CREEK - GEORGIA HIGHWA

Station: CHCH0055 Parameter Code: 00665

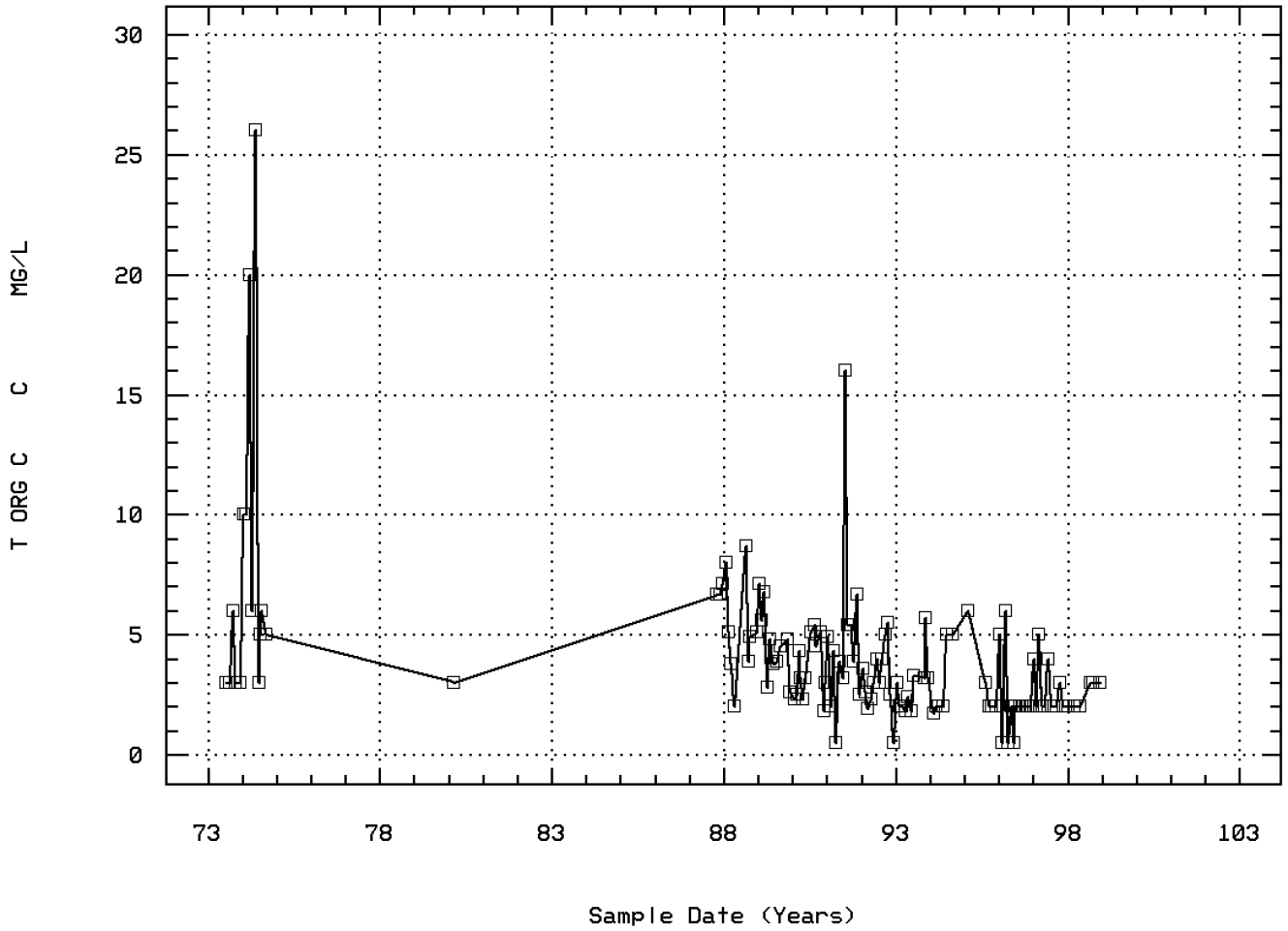
PHOSPHORUS, TOTAL (MG/L AS P)



WEST CHICKAMAUGA CREEK - GEORGIA HIGHWA

Station: CHCH0055 Parameter Code: 00680

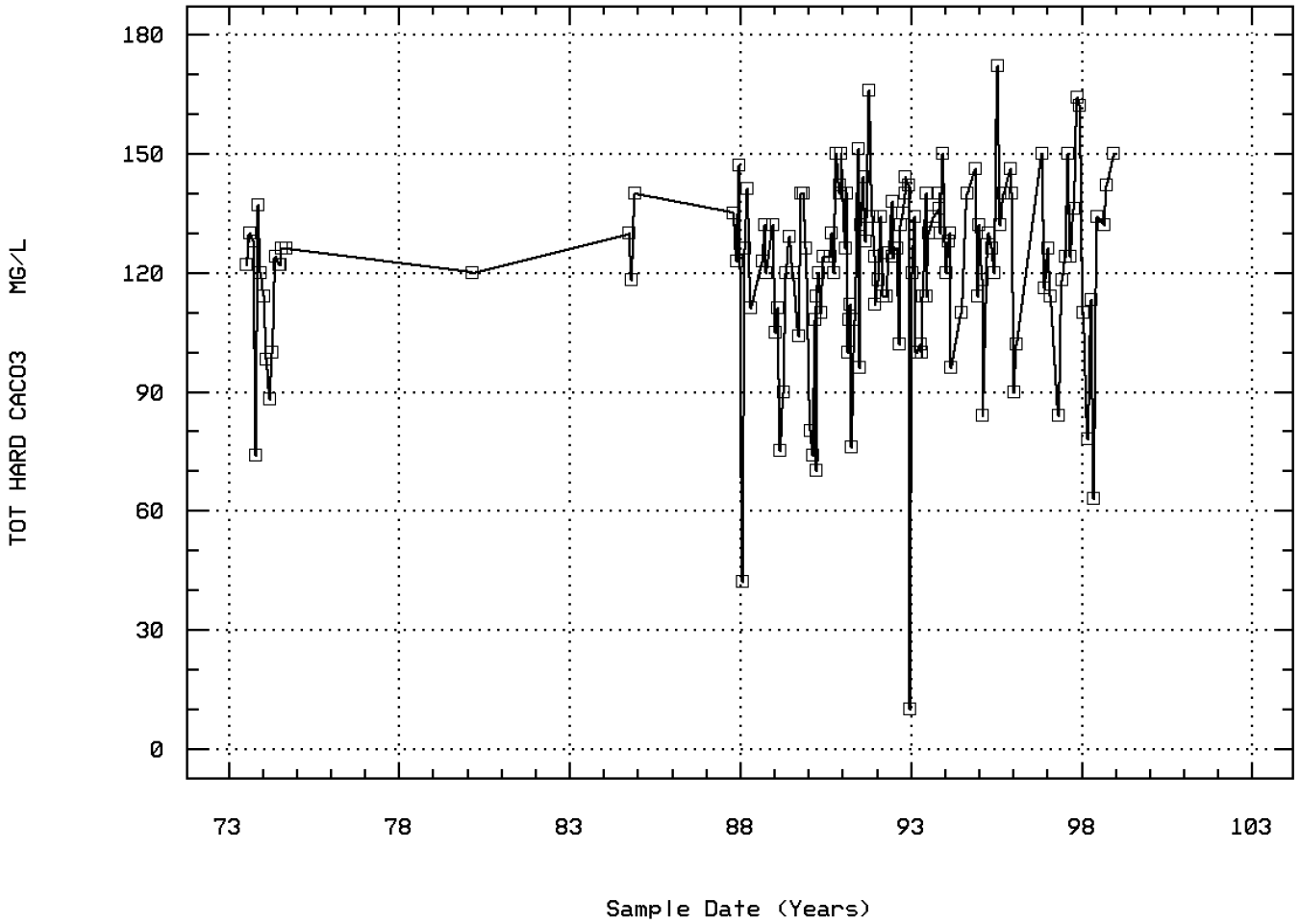
CARBON, TOTAL ORGANIC (MG/L AS C)



WEST CHICKAMAUGA CREEK - GEORGIA HIGHWA

Station: CHCH0055 Parameter Code: 00900

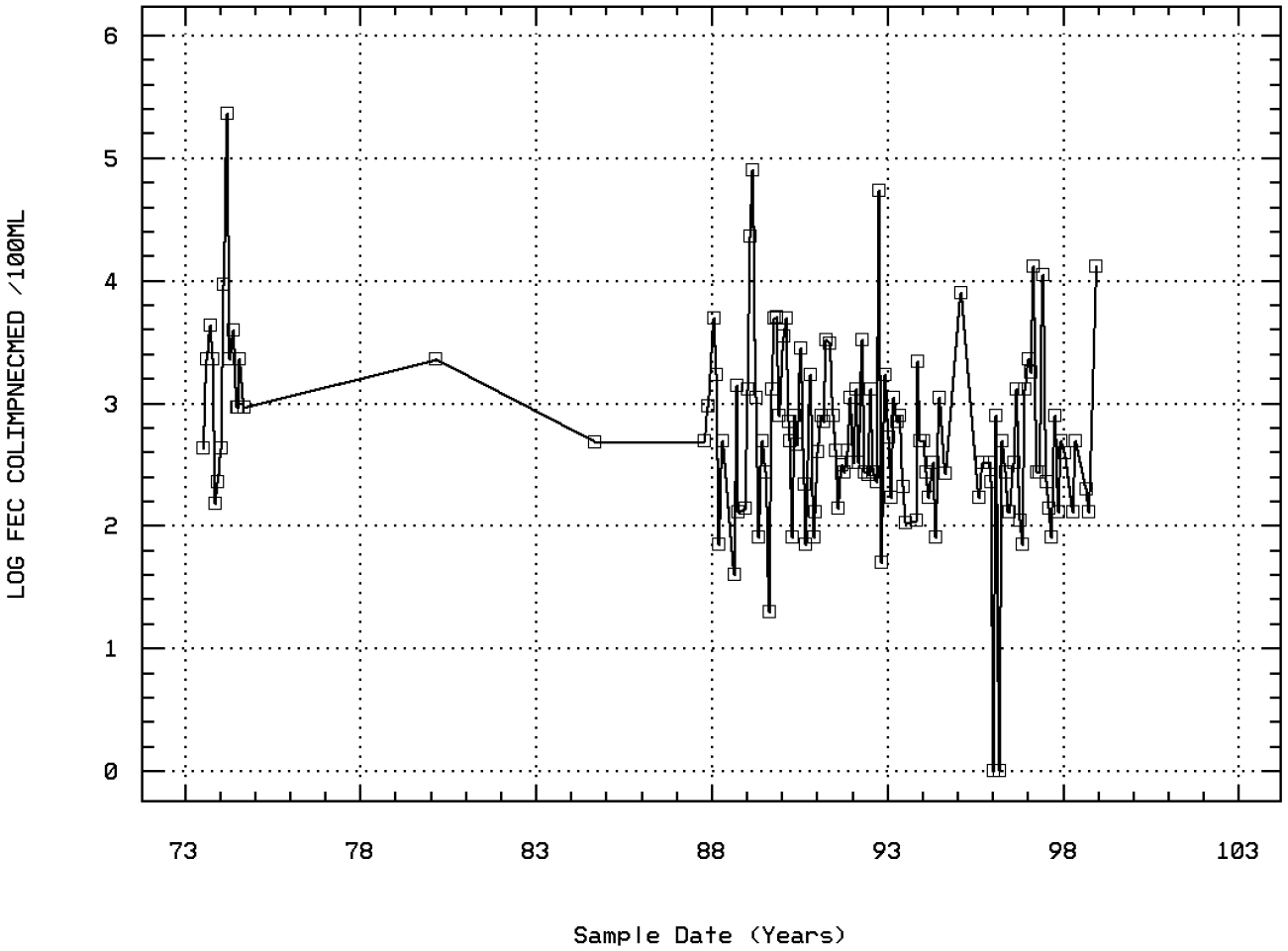
HARDNESS, TOTAL (MG/L AS CACO3)



WEST CHICKAMAUGA CREEK - GEORGIA HIGHWA

Station: CHCH0055 Parameter Code: 31615

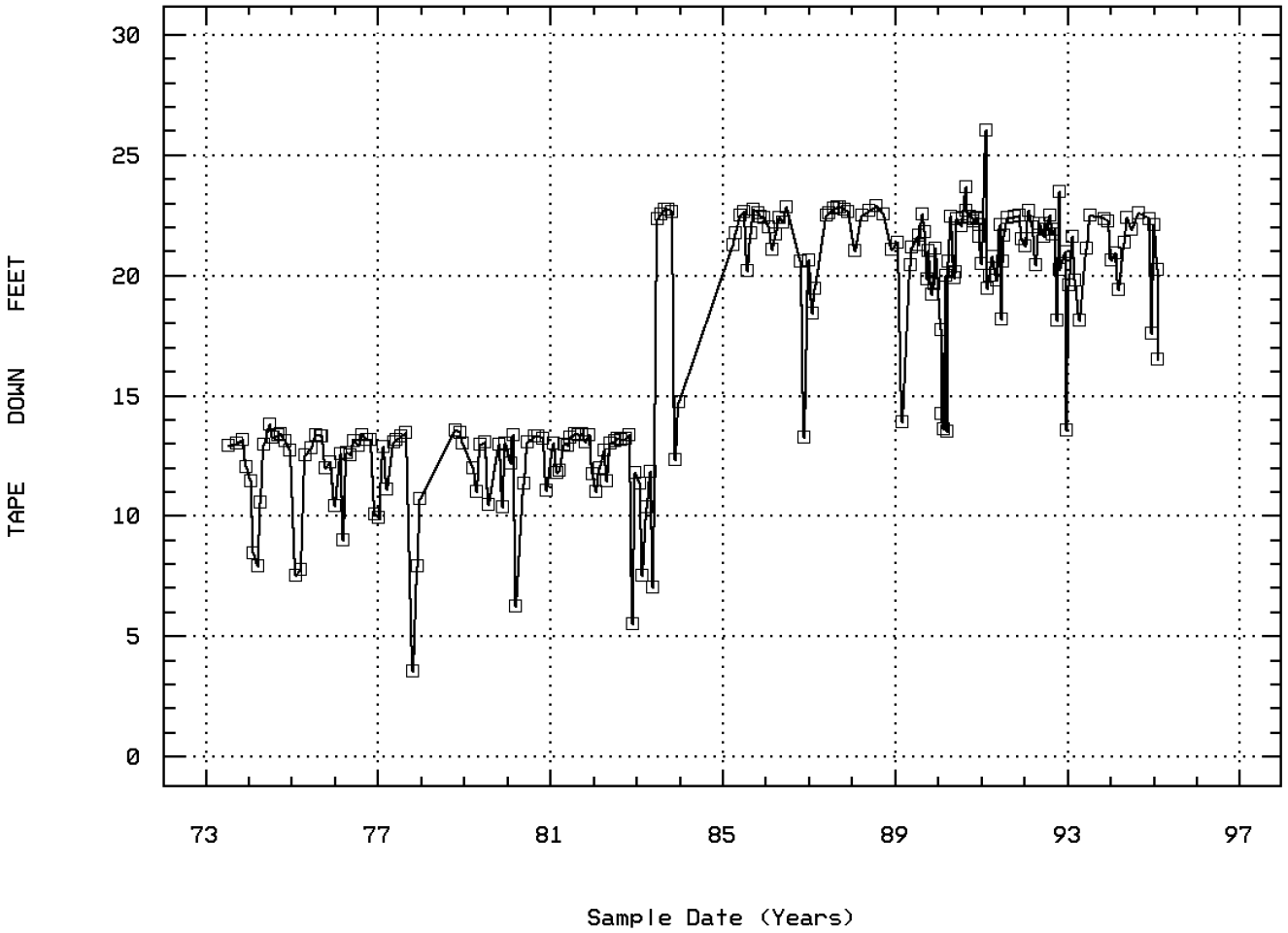
LOG FECAL COLIFORM,MPN,EC MED,44.5C (TU



WEST CHICKAMAUGA CREEK - GEORGIA HIGHWA

Station: CHCH0055 Parameter Code: 82580

TAPEDOWN DIST. FROM REF PT ABOVE TO H2O



WEST CHICKAMAUGA CREEK - GEORGIA HIGHWA

Annual Analysis for 1973 - Station CHCH0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/73-12/14/98	6	18.5	17.083	22.5	9.5	30.142	5.49	**	**	**	**
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/12/73-12/14/98	6	9.	10.333	22.	5.	36.267	6.022	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/73-12/14/98	5	300.	311.6	372.	272.	1712.8	41.386	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/12/73-12/14/98	5	4.7	5.32	8.2	4.2	2.677	1.636	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	07/12/73-12/14/98	5	1.2	1.32	1.9	1.1	0.107	0.327	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/12/73-12/14/98	6	7.65	7.65	7.8	7.5	0.011	0.105	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/12/73-12/14/98	6	7.647	7.639	7.8	7.5	0.011	0.106	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/12/73-12/14/98	6	0.023	0.023	0.032	0.016	0.	0.006	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	07/12/73-12/14/98	6	120.5	119.833	147.	77.	588.567	24.26	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/25/73-12/14/98	2	11.	11.	14.	8.	18.	4.243	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/12/73-12/14/98	6	0.045	0.102	0.42	0.01	0.025	0.157	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/12/73-12/14/98	6	0.535	0.508	0.62	0.36	0.011	0.107	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/12/73-12/14/98	6	0.21	0.272	0.52	0.15	0.02	0.142	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/12/73-12/14/98	5	3.	3.6	6.	3.	1.8	1.342	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/12/73-12/14/98	6	125.	118.5	137.	74.	511.9	22.625	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/12/73-12/14/98	6	1365.	1618.333	4300.	150.	2723256.667	1650.229	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/12/73-12/14/98	6	2.998	2.921	3.633	2.176	0.369	0.608	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			834.389								
82580p	TAPEDOWN DIST. FROM REF PT ABOVE TO H2O SURFACE FT	07/12/73-02/01/95	4	12.95	12.768	13.14	12.03	0.251	0.501	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station CHCH0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/73-12/14/98	9	19.	18.	24.	11.	22.	4.69	11.	14.	22.75	24.
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/12/73-12/14/98	9	14.	46.444	250.	5.	6320.278	79.5	5.	8.	54.	250.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/73-12/14/98	9	275.	265.556	350.	207.	3213.778	56.69	207.	211.5	315.	350.
00300	OXYGEN, DISSOLVED MG/L	07/12/73-12/14/98	9	5.2	5.744	9.1	2.4	5.033	2.243	2.4	3.9	7.95	9.1
00310	BOD, 5 DAY, 20 DEG C MG/L	07/12/73-12/14/98	9	1.8	2.233	5.9	0.9	2.195	1.482	0.9	1.4	2.5	5.9
00403	PH, LAB, STANDARD UNITS SU	07/12/73-12/14/98	13	7.8	7.754	7.9	7.6	0.009	0.097	7.6	7.7	7.8	7.9
00403	CONVERTED PH, LAB, STANDARD UNITS	07/12/73-12/14/98	13	7.8	7.744	7.9	7.6	0.009	0.097	7.6	7.7	7.8	7.9
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/12/73-12/14/98	13	0.016	0.018	0.025	0.013	0.	0.004	0.013	0.016	0.02	0.025
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	07/12/73-12/14/98	9	122.	115.889	142.	87.	438.361	20.937	87.	94.	136.5	142.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/12/73-12/14/98	9	0.04	0.157	1.	0.02	0.101	0.318	0.02	0.03	0.1	1.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/12/73-12/14/98	9	0.43	0.438	0.59	0.31	0.009	0.094	0.31	0.355	0.51	0.59
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/12/73-12/14/98	9	0.3	0.409	1.1	0.09	0.104	0.323	0.09	0.15	0.605	1.1
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/12/73-12/14/98	9	6.	10.111	26.	3.	60.861	7.801	3.	5.	15.	26.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/12/73-12/14/98	9	122.	113.333	126.	88.	205.	14.318	88.	99.	125.	126.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/12/73-12/14/98	9	2300.	27891.111	230000.	430.	5751729111.111	75840.155	430.	930.	6600.	230000.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/12/73-12/14/98	9	3.362	3.465	5.362	2.633	0.665	0.815	2.633	2.968	3.78	5.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2916.418								
82580p	TAPEDOWN DIST. FROM REF PT ABOVE TO H2O SURFACE FT	07/12/73-02/01/95	12	13.03	12.021	13.81	7.89	4.053	2.013	8.061	10.8	13.325	13.684

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station CHCH0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	10/15/75-12/14/98	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/15/75-12/14/98	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/15/75-12/14/98	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/12/73-12/14/98	8	7.75	7.762	7.9	7.6	0.011	0.106	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/12/73-12/14/98	8	7.747	7.751	7.9	7.6	0.011	0.107	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/12/73-12/14/98	8	0.018	0.018	0.025	0.013	0.	0.004	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station CHCH0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82580p	TAPEDOWN DIST. FROM REF PT ABOVE TO H2O SURFACE FT	07/12/73-02/01/95	9	12.53	11.647	13.34	7.53	5.39	2.322	7.53	9.86	13.32	13.34

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station CHCH0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/73-12/14/98	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/07/76-12/14/98	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/15/75-12/14/98	2	7.6	7.6	7.8	7.4	0.08	0.283	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/15/75-12/14/98	2	7.555	7.555	7.8	7.4	0.084	0.29	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/15/75-12/14/98	2	0.028	0.028	0.04	0.016	0.	0.017	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/12/73-12/14/98	11	7.7	7.7	7.9	7.4	0.018	0.134	7.44	7.6	7.8	7.88
00403	CONVERTED PH, LAB, STANDARD UNITS	07/12/73-12/14/98	11	7.7	7.68	7.9	7.4	0.018	0.136	7.44	7.6	7.8	7.88
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/12/73-12/14/98	11	0.02	0.021	0.04	0.013	0.	0.007	0.013	0.016	0.025	0.037
82580p	TAPEDOWN DIST. FROM REF PT ABOVE TO H2O SURFACE FT	07/12/73-02/01/95	11	12.6	12.083	13.34	9.	2.261	1.504	9.218	10.42	13.14	13.304

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station CHCH0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	10/15/75-12/14/98	5	7.2	7.06	7.3	6.6	0.078	0.279	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/15/75-12/14/98	5	7.2	6.977	7.3	6.6	0.087	0.294	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/15/75-12/14/98	5	0.063	0.105	0.251	0.05	0.007	0.084	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/12/73-12/14/98	12	7.6	7.667	8.	7.1	0.053	0.231	7.25	7.6	7.875	7.97
00403	CONVERTED PH, LAB, STANDARD UNITS	07/12/73-12/14/98	12	7.6	7.6	8.	7.1	0.058	0.241	7.25	7.6	7.875	7.97
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/12/73-12/14/98	12	0.025	0.025	0.079	0.01	0.	0.018	0.011	0.013	0.025	0.063
82580p	TAPEDOWN DIST. FROM REF PT ABOVE TO H2O SURFACE FT	07/12/73-02/01/95	10	11.995	10.907	13.45	3.55	9.99	3.161	3.986	9.432	13.19	13.436

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station CHCH0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	10/15/75-12/14/98	3	6.8	6.9	7.1	6.8	0.03	0.173	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/15/75-12/14/98	3	6.8	6.879	7.1	6.8	0.031	0.175	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/15/75-12/14/98	3	0.158	0.132	0.158	0.079	0.002	0.046	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/12/73-12/14/98	12	7.65	7.683	8.	7.5	0.027	0.164	7.5	7.525	7.8	7.97
00403	CONVERTED PH, LAB, STANDARD UNITS	07/12/73-12/14/98	12	7.647	7.657	8.	7.5	0.028	0.167	7.5	7.525	7.8	7.97
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/12/73-12/14/98	12	0.023	0.022	0.032	0.01	0.	0.008	0.011	0.016	0.03	0.032
82580p	TAPEDOWN DIST. FROM REF PT ABOVE TO H2O SURFACE FT	07/12/73-02/01/95	3	13.46	13.33	13.54	12.99	0.088	0.297	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station CHCH0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	10/15/75-12/14/98	9	7.	7.011	7.4	6.8	0.031	0.176	6.8	6.9	7.1	7.4
00400	CONVERTED PH (STANDARD UNITS)	10/15/75-12/14/98	9	7.	6.984	7.4	6.8	0.032	0.179	6.8	6.9	7.1	7.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/15/75-12/14/98	9	0.1	0.104	0.158	0.04	0.001	0.035	0.04	0.079	0.126	0.158

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station CHCH0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	PH, LAB, STANDARD UNITS SU	07/12/73-12/14/98	12	7.6	7.633	7.8	7.5	0.008	0.089	7.5	7.6	7.7	7.77
00403	CONVERTED PH, LAB, STANDARD UNITS	07/12/73-12/14/98	12	7.6	7.625	7.8	7.5	0.008	0.089	7.5	7.6	7.7	7.77
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/12/73-12/14/98	12	0.025	0.024	0.032	0.016	0.	0.005	0.017	0.02	0.025	0.032
82580p	TAPEDOWN DIST. FROM REF PT ABOVE TO H2O SURFACE FT	07/12/73-02/01/95	8	12.47	11.971	13.06	10.34	1.435	1.198	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station CHCH0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/73-12/14/98	2	11.15	11.15	13.3	9.	9.245	3.041	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/07/76-12/14/98	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/12/73-12/14/98	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/73-12/14/98	4	285.5	281.	310.	243.	775.333	27.845	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/12/73-12/14/98	1	9.6	9.6	9.6	9.6	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	07/12/73-12/14/98	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/15/75-12/14/98	5	7.1	7.2	8.1	6.6	0.305	0.552	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/15/75-12/14/98	5	7.1	6.999	8.1	6.6	0.356	0.596	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/15/75-12/14/98	5	0.079	0.1	0.251	0.008	0.008	0.091	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/12/73-12/14/98	9	7.7	7.678	7.9	7.6	0.009	0.097	7.6	7.6	7.7	7.9
00403	CONVERTED PH, LAB, STANDARD UNITS	07/12/73-12/14/98	9	7.7	7.669	7.9	7.6	0.01	0.098	7.6	7.6	7.7	7.9
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/12/73-12/14/98	9	0.02	0.021	0.025	0.013	0.	0.004	0.013	0.02	0.025	0.025
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	07/12/73-12/14/98	4	127.5	123.25	133.	105.	174.917	13.226	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/25/73-12/14/98	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/12/73-12/14/98	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/12/73-12/14/98	1	0.56	0.56	0.56	0.56	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/12/73-12/14/98	1	0.23	0.23	0.23	0.23	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/12/73-12/14/98	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/12/73-12/14/98	1	120.	120.	120.	120.	0.	0.	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/12/73-12/14/98	1	2300.	2300.	2300.	2300.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/12/73-12/14/98	1	3.362	3.362	3.362	3.362	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2300.								
82580p	TAPEDOWN DIST. FROM REF PT ABOVE TO H2O SURFACE FT	07/12/73-02/01/95	9	13.04	11.899	13.38	6.25	5.272	2.296	6.25	11.205	13.305	13.38

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station CHCH0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/73-12/14/98	12	271.5	283.25	361.	217.	2384.386	48.83	220.9	238.75	326.25	360.7
00300	OXYGEN, DISSOLVED MG/L	07/12/73-12/14/98	1	10.7	10.7	10.7	10.7	0.	0.	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	07/12/73-12/14/98	12	126.	126.167	158.	91.	501.061	22.384	93.7	106.75	149.75	157.7
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/12/73-12/14/98	1	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
82580p	TAPEDOWN DIST. FROM REF PT ABOVE TO H2O SURFACE FT	07/12/73-02/01/95	12	13.035	12.848	13.42	11.76	0.42	0.648	11.772	12.143	13.34	13.417

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station CHCH0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/07/76-12/14/98	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/73-12/14/98	10	234.5	258.3	349.	197.	3261.567	57.11	197.8	212.5	306.75	348.9
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	07/12/73-12/14/98	12	102.	108.583	150.	53.	803.538	28.347	62.	95.25	134.25	149.7

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station CHCH0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82580p	TAPEDOWN DIST. FROM REF PT ABOVE TO H2O SURFACE FT	07/12/73-02/01/95	12	12.86	11.951	13.34	5.48	4.791	2.189	7.133	11.523	13.195	13.304

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station CHCH0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/12/73-12/14/98	3	62.	49.333	76.	10.	1209.333	34.775	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/73-12/14/98	11	216.	226.545	318.	102.	5273.873	72.621	109.8	188.	303.	316.6
00310	BOD, 5 DAY, 20 DEG C MG/L	07/12/73-12/14/98	1	2.9	2.9	2.9	2.9	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/12/73-12/14/98	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/12/73-12/14/98	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/12/73-12/14/98	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	07/12/73-12/14/98	12	99.	98.667	137.	40.	901.515	30.025	47.5	78.25	128.5	134.9
82580p	TAPEDOWN DIST. FROM REF PT ABOVE TO H2O SURFACE FT	07/12/73-02/01/95	12	13.52	15.673	22.74	7.02	41.36	6.431	7.161	10.618	22.61	22.737

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station CHCH0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/24/84-12/14/98	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/12/73-12/14/98	12	23.	39.5	135.	6.	1836.636	42.856	6.6	14.75	45.25	130.5
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/73-12/14/98	12	241.	230.583	294.	144.	2338.265	48.356	150.6	180.75	268.25	291.6
00310	BOD, 5 DAY, 20 DEG C MG/L	07/12/73-12/14/98	1	2.8	2.8	2.8	2.8	0.	0.	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	07/12/73-12/14/98	12	106.5	102.583	137.	61.	641.538	25.329	63.7	74.5	125.75	134.9
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/12/73-12/14/98	3	130.	129.333	140.	118.	121.333	11.015	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/12/73-12/14/98	1	480.	480.	480.	480.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/12/73-12/14/98	1	2.681	2.681	2.681	2.681	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			480.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station CHCH0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/24/84-12/14/98	14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/12/73-12/14/98	12	15.	24.167	105.	8.	725.424	26.934	8.6	11.	26.25	85.2
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/73-12/14/98	12	273.	273.25	329.	188.	1702.568	41.262	204.2	242.75	309.75	327.5
00310	BOD, 5 DAY, 20 DEG C MG/L	07/12/73-12/14/98	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	07/12/73-12/14/98	12	122.5	119.333	147.	73.	382.788	19.565	82.9	107.25	134.5	144.9
82580p	TAPEDOWN DIST. FROM REF PT ABOVE TO H2O SURFACE FT	07/12/73-02/01/95	10	22.41	22.021	22.74	20.17	0.655	0.81	20.279	21.613	22.605	22.728

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station CHCH0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/24/84-12/14/98	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/73-12/14/98	3	25.5	25.5	26.	25.	0.25	0.5	**	**	**	**
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/12/73-12/14/98	12	21.5	29.083	84.	7.	495.356	22.257	8.2	19.25	28.75	78.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station CHCH0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/73-12/14/98	12	287.5	285.083	387.	135.	5145.174	71.73	161.1	235.25	349.25	380.4
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	07/12/73-12/14/98	12	124.5	120.75	153.	55.	730.932	27.036	68.8	105.	142.75	152.1
82580p	TAPEDOWN DIST. FROM REF PT ABOVE TO H2O SURFACE FT	07/12/73-02/01/95	9	21.72	20.738	22.83	13.28	8.438	2.905	13.28	20.585	22.29	22.83

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station CHCH0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/24/84-12/14/98	15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/73-12/14/98	3	11.	10.667	13.5	7.5	9.083	3.014	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/07/76-12/14/98	2	7.75	7.75	12.5	3.	45.125	6.718	**	**	**	**
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/12/73-12/14/98	13	6.	9.615	24.	4.	41.09	6.41	4.4	5.	14.5	22.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/73-12/14/98	13	335.	310.692	373.	210.	2819.897	53.103	210.4	279.	348.5	368.2
00300	OXYGEN, DISSOLVED MG/L	07/12/73-12/14/98	3	6.4	6.5	6.9	6.2	0.13	0.361	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	07/12/73-12/14/98	3	1.9	1.733	2.	1.3	0.143	0.379	**	**	**	**
00400	PH (STANDARD UNITS)	10/15/75-12/14/98	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/15/75-12/14/98	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/15/75-12/14/98	1	0.158	0.158	0.158	0.158	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/12/73-12/14/98	3	7.7	7.7	7.8	7.6	0.01	0.1	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/12/73-12/14/98	3	7.7	7.692	7.8	7.6	0.01	0.1	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/12/73-12/14/98	3	0.02	0.02	0.025	0.016	0.	0.005	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	07/12/73-12/14/98	14	129.	120.429	145.	81.	386.571	19.661	88.	104.75	134.75	143.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/25/73-12/14/98	3	2.	4.333	10.	1.	24.333	4.933	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/12/73-12/14/98	3	0.08	0.083	0.1	0.07	0.	0.015	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/12/73-12/14/98	3	0.37	0.35	0.39	0.29	0.003	0.053	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/12/73-12/14/98	3	1.5	1.453	1.7	1.16	0.075	0.273	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/12/73-12/14/98	3	6.7	6.833	7.1	6.7	0.053	0.231	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/12/73-12/14/98	3	135.	135.	147.	123.	144.	12.	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/12/73-12/14/98	2	717.5	717.5	945.	490.	103512.5	321.734	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/12/73-12/14/98	2	2.833	2.833	2.975	2.69	0.041	0.202	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			680.478								
82580p	TAPEDOWN DIST. FROM REF PT ABOVE TO H2O SURFACE FT	07/12/73-02/01/95	9	22.64	21.857	22.85	18.4	2.853	1.689	18.4	20.965	22.8	22.85

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station CHCH0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/24/84-12/14/98	15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/73-12/14/98	8	14.5	14.5	26.	5.	58.	7.616	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/07/76-12/14/98	6	19.5	16.583	29.	2.5	105.442	10.268	**	**	**	**
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/12/73-12/14/98	14	8.5	13.	70.	4.	278.	16.673	4.5	7.	11.	43.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/73-12/14/98	14	296.	296.5	395.	88.	6054.423	77.81	161.5	266.25	346.75	393.
00300	OXYGEN, DISSOLVED MG/L	07/12/73-12/14/98	8	7.15	7.025	9.8	3.8	5.336	2.31	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	07/12/73-12/14/98	8	1.2	1.338	2.8	0.5	0.454	0.674	**	**	**	**
00400	PH (STANDARD UNITS)	10/15/75-12/14/98	3	7.2	7.277	7.53	7.1	0.051	0.225	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/15/75-12/14/98	3	7.2	7.241	7.53	7.1	0.052	0.229	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/15/75-12/14/98	3	0.063	0.057	0.079	0.03	0.001	0.025	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/12/73-12/14/98	8	7.65	7.637	8.	7.2	0.06	0.245	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/12/73-12/14/98	8	7.647	7.574	8.	7.2	0.064	0.254	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/12/73-12/14/98	8	0.023	0.027	0.063	0.01	0.	0.017	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	07/12/73-12/14/98	14	119.	115.	144.	34.	706.769	26.585	64.5	110.75	130.25	139.5
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/25/73-12/14/98	8	6.	14.5	76.	1.	632.286	25.145	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/12/73-12/14/98	8	0.08	0.189	0.94	0.01	0.096	0.309	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station CHCH0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/12/73-12/14/98	8	0.775	0.779	1.15	0.33	0.064	0.252	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/12/73-12/14/98	8	0.39	1.089	4.53	0.1	2.309	1.52	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/12/73-12/14/98	8	5.	5.188	8.7	2.	4.87	2.207	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/12/73-12/14/98	8	124.5	115.875	141.	42.	971.839	31.174	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/12/73-12/14/98	8	315.	1108.75	4900.	40.	2758355.357	1660.83	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/12/73-12/14/98	8	2.418	2.558	3.69	1.602	0.555	0.745	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			361.431								
82580p	TAPEDOWN DIST. FROM REF PT ABOVE TO H2O SURFACE FT	07/12/73-02/01/95	6	22.525	22.118	22.9	21.03	0.717	0.847	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station CHCH0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/24/84-12/14/98	18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/73-12/14/98	12	14.5	15.042	23.5	6.5	35.074	5.922	6.95	10.575	21.	23.35
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/07/76-12/14/98	12	14.4	14.567	29.	1.	90.108	9.493	2.2	6.	24.75	28.1
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/12/73-12/14/98	18	11.5	23.722	108.	6.	747.742	27.345	6.9	8.	25.75	70.2
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/73-12/14/98	17	266.	259.294	312.	156.	1430.721	37.825	194.4	242.	283.	309.6
00300	OXYGEN, DISSOLVED MG/L	07/12/73-12/14/98	12	7.25	7.392	10.2	4.3	4.215	2.053	4.39	5.425	9.175	10.08
00310	BOD, 5 DAY, 20 DEG C MG/L	07/12/73-12/14/98	12	0.9	1.325	2.9	0.2	0.729	0.854	0.29	0.8	2.175	2.75
00400	PH (STANDARD UNITS)	10/15/75-12/14/98	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/15/75-12/14/98	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/15/75-12/14/98	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/12/73-12/14/98	12	7.65	7.575	7.8	7.1	0.049	0.222	7.16	7.425	7.775	7.8
00403	CONVERTED PH, LAB, STANDARD UNITS	07/12/73-12/14/98	12	7.647	7.517	7.8	7.1	0.053	0.23	7.16	7.425	7.775	7.8
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/12/73-12/14/98	12	0.023	0.03	0.079	0.016	0.	0.019	0.016	0.017	0.038	0.071
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	07/12/73-12/14/98	18	111.5	107.5	126.	62.	265.324	16.289	82.7	100.	118.5	126.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/25/73-12/14/98	12	13.	27.792	91.	0.5	983.703	31.364	1.25	7.5	53.	87.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/12/73-12/14/98	12	0.08	0.074	0.16	0.015	0.002	0.043	0.015	0.035	0.1	0.145
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/12/73-12/14/98	12	0.6	0.646	0.97	0.41	0.024	0.156	0.449	0.543	0.763	0.937
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/12/73-12/14/98	12	0.87	0.939	2.29	0.22	0.447	0.668	0.253	0.345	1.105	2.242
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/12/73-12/14/98	10	4.65	4.67	7.1	2.6	2.278	1.509	2.62	3.55	5.9	7.07
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/12/73-12/14/98	11	120.	114.545	140.	75.	407.673	20.191	78.	104.	129.	140.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/12/73-12/14/98	12	1200.	9770.833	79000.	20.	516264881.061	22721.463	38.	325.	4975.	62200.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/12/73-12/14/98	12	3.078	3.095	4.898	1.301	0.987	0.994	1.482	2.496	3.697	4.737
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1244.779								
82580p	TAPEDOWN DIST. FROM REF PT ABOVE TO H2O SURFACE FT	07/12/73-02/01/95	13	21.11	20.375	22.53	13.88	4.658	2.158	16.012	19.75	21.51	22.23

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station CHCH0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/24/84-12/14/98	22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/73-12/14/98	13	16.	16.577	28.	7.5	44.91	6.702	8.5	10.5	24.	26.6
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/07/76-12/14/98	12	16.	18.3	32.	8.	56.762	7.534	8.3	13.25	23.625	31.13
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/12/73-12/14/98	22	12.	26.091	217.	6.	2123.801	46.085	6.	7.75	18.	70.5
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/73-12/14/98	21	275.	257.19	317.	153.	2827.762	53.177	154.4	226.5	299.	314.2
00300	OXYGEN, DISSOLVED MG/L	07/12/73-12/14/98	13	7.6	7.523	10.7	3.5	4.702	2.168	3.82	6.	9.45	10.42
00310	BOD, 5 DAY, 20 DEG C MG/L	07/12/73-12/14/98	14	0.65	0.707	1.1	0.3	0.078	0.279	0.35	0.5	1.	1.1
00403	PH, LAB, STANDARD UNITS SU	07/12/73-12/14/98	13	7.6	7.615	7.9	7.3	0.023	0.152	7.34	7.6	7.7	7.86
00403	CONVERTED PH, LAB, STANDARD UNITS	07/12/73-12/14/98	13	7.6	7.59	7.9	7.3	0.024	0.154	7.34	7.6	7.7	7.86
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/12/73-12/14/98	13	0.025	0.026	0.05	0.013	0.	0.01	0.014	0.02	0.025	0.046
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	07/12/73-12/14/98	21	116.	106.429	131.	57.	657.057	25.633	61.8	90.	128.	130.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station CHCH0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/25/73-12/14/98	13	10.	11.923	32.	4.	66.577	8.159	4.4	6.	14.5	29.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/12/73-12/14/98	13	0.05	0.048	0.11	0.015	0.001	0.029	0.015	0.015	0.07	0.094
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/12/73-12/14/98	13	0.48	0.486	0.95	0.28	0.033	0.181	0.284	0.33	0.575	0.822
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/12/73-12/14/98	13	0.6	0.945	3.55	0.1	1.327	1.152	0.116	0.19	1.15	3.426
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/12/73-12/14/98	12	3.2	3.558	5.4	1.8	1.594	1.262	1.95	2.35	4.95	5.31
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/12/73-12/14/98	18	124.	120.889	150.	70.	629.281	25.085	73.6	109.5	140.5	150.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/12/73-12/14/98	13	490.	1224.615	4900.	70.	2428576.923	1558.389	74.	105.	2250.	4340.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/12/73-12/14/98	13	2.69	2.701	3.69	1.845	0.422	0.65	1.868	2.009	3.339	3.632
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			502.538								
82580p	TAPEDOWN DIST. FROM REF PT ABOVE TO H2O SURFACE FT	07/12/73-02/01/95	21	22.12	20.505	23.66	13.51	9.662	3.108	13.708	19.945	22.4	22.63

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station CHCH0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/24/84-12/14/98	20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/73-12/14/98	12	16.25	16.875	25.	9.5	36.635	6.053	9.65	11.025	23.8	24.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/07/76-12/14/98	12	19.5	20.517	33.	9.	73.82	8.592	9.3	13.	29.075	31.98
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/12/73-12/14/98	17	13.	17.	72.	5.	254.625	15.957	5.8	8.	18.	43.2
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/73-12/14/98	16	264.5	256.5	330.	124.	2520.4	50.204	181.4	223.	291.5	317.4
00300	OXYGEN, DISSOLVED MG/L	07/12/73-12/14/98	12	7.45	7.3	10.	4.9	2.964	1.722	4.93	5.5	8.5	9.91
00310	BOD, 5 DAY, 20 DEG C MG/L	07/12/73-12/14/98	11	0.9	1.218	3.8	0.3	0.888	0.942	0.32	0.8	1.4	3.34
00403	PH, LAB, STANDARD UNITS SU	07/12/73-12/14/98	11	7.6	7.609	7.9	7.3	0.025	0.158	7.34	7.5	7.7	7.88
00403	CONVERTED PH, LAB, STANDARD UNITS	07/12/73-12/14/98	11	7.6	7.583	7.9	7.3	0.026	0.16	7.34	7.5	7.7	7.88
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/12/73-12/14/98	11	0.025	0.026	0.05	0.013	0.	0.01	0.013	0.02	0.032	0.046
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	07/12/73-12/14/98	17	112.	110.882	145.	40.	582.36	24.132	80.	97.5	126.	139.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/25/73-12/14/98	11	11.	13.091	26.	5.	50.891	7.134	5.2	8.	21.	25.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/12/73-12/14/98	12	0.04	0.049	0.1	0.015	0.001	0.026	0.015	0.033	0.068	0.094
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/12/73-12/14/98	12	0.52	0.516	0.96	0.01	0.055	0.235	0.112	0.378	0.668	0.888
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/12/73-12/14/98	12	0.435	0.958	2.78	0.2	0.88	0.938	0.206	0.22	1.87	2.624
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/12/73-12/14/98	12	4.1	4.892	16.	0.5	15.066	3.882	0.95	2.675	5.4	13.21
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/12/73-12/14/98	17	126.	123.	166.	76.	492.5	22.192	92.	108.	137.	154.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/12/73-12/14/98	12	555.	972.917	3300.	140.	1133583.902	1064.699	180.5	332.5	1022.5	3225.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/12/73-12/14/98	12	2.729	2.799	3.519	2.146	0.166	0.407	2.234	2.519	3.005	3.508
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			629.628								
82580p	TAPEDOWN DIST. FROM REF PT ABOVE TO H2O SURFACE FT	07/12/73-02/01/95	14	21.13	21.271	26.02	18.18	3.513	1.874	18.82	19.935	22.415	24.26

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station CHCH0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/24/84-12/14/98	16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/73-12/14/98	12	16.	15.942	23.5	7.	34.143	5.843	7.15	9.8	21.	23.35
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/07/76-12/14/98	12	18.5	18.025	28.5	4.	76.662	8.756	4.6	9.125	26.75	28.29
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/12/73-12/14/98	16	10.5	17.563	88.	5.	406.129	20.153	5.	7.25	20.75	46.7
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/73-12/14/98	15	260.	262.667	306.	215.	643.952	25.376	225.8	246.	273.	305.4
00300	OXYGEN, DISSOLVED MG/L	07/12/73-12/14/98	12	7.2	7.975	11.8	5.8	3.533	1.88	5.95	6.65	9.725	11.41
00310	BOD, 5 DAY, 20 DEG C MG/L	07/12/73-12/14/98	11	0.7	0.973	2.6	0.2	0.604	0.777	0.24	0.4	1.6	2.5
00403	PH, LAB, STANDARD UNITS SU	07/12/73-12/14/98	12	7.7	7.667	7.8	7.5	0.015	0.123	7.5	7.525	7.8	7.8
00403	CONVERTED PH, LAB, STANDARD UNITS	07/12/73-12/14/98	12	7.7	7.65	7.8	7.5	0.015	0.124	7.5	7.525	7.8	7.8
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/12/73-12/14/98	12	0.02	0.022	0.032	0.016	0.	0.006	0.016	0.016	0.03	0.032
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	07/12/73-12/14/98	16	115.5	111.75	145.	5.	976.6	31.251	68.	109.25	126.	141.5
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/25/73-12/14/98	12	10.	13.667	28.	3.	86.97	9.326	3.6	6.	24.5	28.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station CHCH0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/12/73-12/14/98	12	0.04	0.044	0.15	0.015	0.002	0.039	0.015	0.015	0.05	0.129
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/12/73-12/14/98	12	0.675	0.642	0.97	0.38	0.032	0.179	0.386	0.48	0.778	0.922
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/12/73-12/14/98	12	0.225	0.22	0.36	0.06	0.007	0.085	0.075	0.173	0.295	0.345
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/12/73-12/14/98	12	3.	3.158	5.5	0.5	1.879	1.371	0.92	2.35	4.	5.35
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/12/73-12/14/98	16	126.	120.25	144.	10.	997.4	31.582	74.4	115.	137.25	142.6
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/12/73-12/14/98	12	330.	5278.333	54000.	50.	236301542.424	15372.103	104.	262.5	1600.	38790.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/12/73-12/14/98	12	2.519	2.84	4.732	1.699	0.6	0.774	1.898	2.419	3.201	4.368
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			692.451								
82580p	TAPEDOWN DIST. FROM REF PT ABOVE TO H2O SURFACE FT	07/12/73-02/01/95	16	21.785	21.036	23.48	13.54	5.484	2.342	16.746	20.585	22.158	22.934

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station CHCH0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/24/84-12/14/98	15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/73-12/14/98	10	14.4	15.05	25.5	7.1	40.821	6.389	7.19	9.5	21.25	25.3
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/07/76-12/14/98	10	18.	17.36	30.5	4.9	79.825	8.934	5.1	7.725	26.	30.05
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/12/73-12/14/98	15	7.	12.333	42.	4.	141.667	11.902	4.	5.	14.	39.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/73-12/14/98	15	263.	257.4	314.	200.	1821.257	42.676	202.4	211.	302.	309.2
00300	OXYGEN, DISSOLVED MG/L	07/12/73-12/14/98	10	8.05	8.24	10.4	5.2	3.092	1.758	5.31	6.975	9.975	10.38
00310	BOD, 5 DAY, 20 DEG C MG/L	07/12/73-12/14/98	10	0.9	0.86	1.2	0.4	0.052	0.227	0.42	0.75	1.	1.18
00400	PH (STANDARD UNITS)	10/15/75-12/14/98	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/15/75-12/14/98	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/15/75-12/14/98	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/12/73-12/14/98	10	7.7	7.72	7.9	7.6	0.017	0.132	7.6	7.6	7.9	7.9
00403	CONVERTED PH, LAB, STANDARD UNITS	07/12/73-12/14/98	10	7.7	7.703	7.9	7.6	0.018	0.133	7.6	7.6	7.9	7.9
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/12/73-12/14/98	10	0.02	0.02	0.025	0.013	0.	0.005	0.013	0.013	0.025	0.025
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	07/12/73-12/14/98	14	110.5	110.857	143.	91.	304.132	17.439	91.5	94.5	122.25	141.5
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/25/73-12/14/98	10	9.	11.	29.	4.	56.222	7.498	4.1	5.	14.5	27.7
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/12/73-12/14/98	10	0.05	0.065	0.13	0.015	0.002	0.045	0.015	0.026	0.113	0.129
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/12/73-12/14/98	10	0.56	0.533	0.64	0.28	0.013	0.116	0.293	0.47	0.623	0.639
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/12/73-12/14/98	10	0.08	0.092	0.16	0.05	0.001	0.035	0.051	0.068	0.118	0.158
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/12/73-12/14/98	10	2.7	2.84	5.7	1.8	1.383	1.176	1.8	1.95	3.225	5.46
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/12/73-12/14/98	15	130.	122.933	150.	100.	286.781	16.935	100.	102.	136.	144.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/12/73-12/14/98	10	507.5	640.	2200.	105.	408883.333	639.44	105.5	155.	867.5	2090.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/12/73-12/14/98	10	2.705	2.615	3.342	2.021	0.197	0.444	2.023	2.183	2.934	3.312
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			412.301								
82580p	TAPEDOWN DIST. FROM REF PT ABOVE TO H2O SURFACE FT	07/12/73-02/01/95	8	21.355	20.906	22.47	18.12	2.487	1.577	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station CHCH0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/24/84-12/14/98	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/73-12/14/98	7	16.3	15.786	24.	4.2	60.085	7.751	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/07/76-12/14/98	7	24.	18.757	28.	2.	107.28	10.358	**	**	**	**
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/12/73-12/14/98	9	9.	15.111	35.	4.	130.361	11.418	4.	5.5	25.5	35.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/73-12/14/98	9	240.	246.111	310.	196.	1424.611	37.744	196.	220.	277.	310.
00300	OXYGEN, DISSOLVED MG/L	07/12/73-12/14/98	7	8.2	8.186	11.4	5.3	6.045	2.459	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	07/12/73-12/14/98	7	1.	0.914	1.2	0.5	0.058	0.241	**	**	**	**
00400	PH (STANDARD UNITS)	10/15/75-12/14/98	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/15/75-12/14/98	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/15/75-12/14/98	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station CHCH0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	PH, LAB, STANDARD UNITS SU	07/12/73-12/14/98	7	7.7	7.643	7.8	7.4	0.023	0.151	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/12/73-12/14/98	7	7.7	7.619	7.8	7.4	0.023	0.153	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/12/73-12/14/98	7	0.02	0.024	0.04	0.016	0.	0.009	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	07/12/73-12/14/98	10	104.5	104.7	143.	45.	831.122	28.829	49.1	89.75	129.25	142.9
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/25/73-12/14/98	7	17.	13.714	19.	6.	27.905	5.282	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/12/73-12/14/98	7	0.06	0.061	0.13	0.015	0.002	0.043	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/12/73-12/14/98	7	0.82	0.787	0.96	0.59	0.017	0.13	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/12/73-12/14/98	7	0.11	0.097	0.16	0.04	0.002	0.043	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/12/73-12/14/98	6	2.	2.783	5.	1.	3.082	1.755	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/12/73-12/14/98	8	124.	123.	146.	96.	268.571	16.388	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/12/73-12/14/98	7	270.	386.429	1100.	80.	115355.952	339.641	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/12/73-12/14/98	7	2.431	2.463	3.041	1.903	0.127	0.356	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			290.14								
82580p	TAPEDOWN DIST. FROM REF PT ABOVE TO H2O SURFACE FT	07/12/73-02/01/95	9	21.34	21.002	22.57	17.59	2.681	1.637	17.59	20.	22.36	22.57

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station CHCH0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/24/84-12/14/98	13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/73-12/14/98	9	12.	13.411	24.	6.	41.421	6.436	6.	8.25	20.	24.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/07/76-12/14/98	8	10.5	12.225	22.	2.	42.405	6.512	**	**	**	**
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/12/73-12/14/98	13	8.	22.769	110.	4.	1468.359	38.319	4.4	5.5	10.	109.2
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/73-12/14/98	7	282.	265.857	319.	178.	2260.476	47.544	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/12/73-12/14/98	6	8.85	8.417	9.4	6.8	1.13	1.063	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	07/12/73-12/14/98	6 ##	0.5	0.983	2.9	0.5	0.922	0.96	**	**	**	**
00400	PH (STANDARD UNITS)	10/15/75-12/14/98	10	7.6	7.52	7.7	6.9	0.057	0.239	6.95	7.475	7.7	7.7
00400	CONVERTED PH (STANDARD UNITS)	10/15/75-12/14/98	10	7.6	7.439	7.7	6.9	0.065	0.254	6.95	7.475	7.7	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/15/75-12/14/98	10	0.025	0.036	0.126	0.02	0.001	0.032	0.02	0.02	0.034	0.117
00403	PH, LAB, STANDARD UNITS SU	07/12/73-12/14/98	5	7.8	7.76	7.8	7.7	0.003	0.055	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/12/73-12/14/98	5	7.8	7.757	7.8	7.7	0.003	0.055	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/12/73-12/14/98	5	0.016	0.017	0.02	0.016	0.	0.002	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	07/12/73-12/14/98	11	123.	114.182	142.	65.	571.364	23.903	67.4	105.	132.	140.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/25/73-12/14/98	6	13.5	29.833	117.	8.	1833.367	42.818	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/12/73-12/14/98	6 ##	0.023	0.039	0.12	0.015	0.002	0.041	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/12/73-12/14/98	6	0.75	0.692	0.9	0.43	0.032	0.179	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/12/73-12/14/98	6	0.075	0.095	0.25	0.02	0.007	0.085	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/12/73-12/14/98	6	2.	2.667	6.	1.	3.067	1.751	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/12/73-12/14/98	11	132.	130.909	172.	84.	459.491	21.436	90.8	120.	140.	166.8
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/12/73-12/14/98	5	330.	1792.	7900.	170.	11663320.	3415.16	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/12/73-12/14/98	5	2.519	2.705	3.898	2.23	0.459	0.677	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			507.419								
82580p	TAPEDOWN DIST. FROM REF PT ABOVE TO H2O SURFACE FT	07/12/73-02/01/95	3	20.24	19.627	22.12	16.52	8.122	2.85	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1996 - Station CHCH0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/24/84-12/14/98	13	0.	0.769	10.	0.	7.692	2.774	0.	0.	0.	6.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/73-12/14/98	12	15.	15.667	24.	6.	36.061	6.005	6.6	10.75	20.75	24.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/07/76-12/14/98	12	16.5	14.208	25.	0.5	56.839	7.539	1.55	7.625	19.375	24.1
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/12/73-12/14/98	12	8.5	25.917	161.	5.	2055.902	45.342	5.	6.25	16.25	131.3
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/73-12/14/98	12	249.5	238.25	315.	114.	2916.023	54.	136.5	198.75	279.25	305.7

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1996 - Station CHCH0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300	OXYGEN, DISSOLVED MG/L	07/12/73-12/14/98	12	7.35	8.017	10.8	6.7	1.952	1.397	6.7	6.95	9.475	10.47
00310	BOD, 5 DAY, 20 DEG C MG/L	07/12/73-12/14/98	12 ##	0.5	1.	3.1	0.5	0.933	0.966	0.5	0.5	1.325	3.01
00400	PH (STANDARD UNITS)	10/15/75-12/14/98	12	7.695	7.652	7.83	7.32	0.023	0.153	7.356	7.558	7.77	7.818
00400	CONVERTED PH (STANDARD UNITS)	10/15/75-12/14/98	12	7.694	7.624	7.83	7.32	0.024	0.156	7.356	7.557	7.77	7.818
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/15/75-12/14/98	12	0.02	0.024	0.048	0.015	0.	0.01	0.015	0.017	0.028	0.044
00403	PH, LAB, STANDARD UNITS SU	07/12/73-12/14/98	12	7.65	7.625	8.1	7.3	0.044	0.209	7.33	7.5	7.7	8.01
00403	CONVERTED PH, LAB, STANDARD UNITS	07/12/73-12/14/98	12	7.647	7.583	8.1	7.3	0.046	0.214	7.33	7.5	7.7	8.01
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/12/73-12/14/98	12	0.023	0.026	0.05	0.008	0.	0.011	0.01	0.02	0.032	0.047
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	07/12/73-12/14/98	12	117.5	109.917	146.	48.	774.811	27.835	57.9	88.25	127.	143.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/25/73-12/14/98	12	14.	29.417	138.	7.	1432.811	37.852	7.3	9.5	25.5	116.7
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/12/73-12/14/98	12 ##	0.015	0.096	0.54	0.015	0.029	0.17	0.015	0.015	0.085	0.483
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/12/73-12/14/98	12	0.705	0.673	0.89	0.27	0.029	0.171	0.336	0.597	0.79	0.878
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/12/73-12/14/98	12	0.06	0.088	0.25	0.03	0.006	0.075	0.033	0.043	0.08	0.247
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/12/73-12/14/98	12	2.	2.208	6.	0.5	2.839	1.685	0.5	0.875	2.	5.7
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/12/73-12/14/98	4	109.	114.5	150.	90.	673.	25.942	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/12/73-12/14/98	12	200.	410.	1300.	0.	223600.	472.864	0.	80.	715.	1300.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/12/73-12/14/98	12	2.273	2.073	3.114	0.	1.11	1.053	0.	1.894	2.846	3.114
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			118.394								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1997 - Station CHCH0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/24/84-12/14/98	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/73-12/14/98	12	14.75	15.667	24.	7.	31.652	5.626	7.3	12.25	21.	24.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/07/76-12/14/98	12	15.5	14.625	23.	4.	46.051	6.786	4.3	7.	20.5	23.
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/12/73-12/14/98	12	8.5	17.167	80.	3.	476.879	21.838	3.3	4.25	21.75	65.9
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/73-12/14/98	12	249.	244.25	319.	109.	3543.841	59.53	130.	213.75	291.75	315.1
00300	OXYGEN, DISSOLVED MG/L	07/12/73-12/14/98	12	8.95	8.825	10.6	7.1	1.197	1.094	7.22	7.925	9.575	10.54
00310	BOD, 5 DAY, 20 DEG C MG/L	07/12/73-12/14/98	12 ##	0.8	0.908	1.7	0.5	0.203	0.45	0.5	0.5	1.275	1.61
00400	PH (STANDARD UNITS)	10/15/75-12/14/98	12	7.705	7.67	7.98	7.38	0.023	0.151	7.401	7.618	7.728	7.911
00400	CONVERTED PH (STANDARD UNITS)	10/15/75-12/14/98	12	7.705	7.645	7.98	7.38	0.023	0.153	7.401	7.618	7.727	7.911
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/15/75-12/14/98	12	0.02	0.023	0.042	0.01	0.	0.008	0.013	0.019	0.024	0.04
00403	PH, LAB, STANDARD UNITS SU	07/12/73-12/14/98	12	7.85	7.825	8.3	7.2	0.078	0.28	7.32	7.7	8.	8.24
00403	CONVERTED PH, LAB, STANDARD UNITS	07/12/73-12/14/98	12	7.847	7.733	8.3	7.2	0.088	0.296	7.32	7.7	8.	8.24
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/12/73-12/14/98	12	0.014	0.019	0.063	0.005	0.	0.015	0.006	0.01	0.02	0.052
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	07/12/73-12/14/98	12	114.5	104.583	145.	10.	1610.447	40.13	21.4	87.75	133.	142.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/25/73-12/14/98	12	13.	19.083	50.	3.	213.174	14.6	3.6	7.75	32.75	45.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/12/73-12/14/98	12	0.03	0.05	0.26	0.015	0.005	0.07	0.015	0.015	0.04	0.209
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/12/73-12/14/98	12	0.61	0.621	0.85	0.17	0.037	0.193	0.263	0.52	0.793	0.847
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/12/73-12/14/98	12	0.055	0.063	0.15	0.02	0.001	0.036	0.02	0.04	0.085	0.132
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/12/73-12/14/98	12	2.	2.667	5.	2.	1.152	1.073	2.	2.	3.75	4.7
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/12/73-12/14/98	10	125.	130.2	164.	84.	579.956	24.082	87.	117.	153.	163.8
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/12/73-12/14/98	12	380.	2541.667	13000.	80.	20192269.697	4493.581	95.	162.5	2175.	12400.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/12/73-12/14/98	12	2.561	2.812	4.114	1.903	0.543	0.737	1.966	2.2	3.335	4.092
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			649.105								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1998 - Station CHCH0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/24/84-12/14/98	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/73-12/14/98	8	17.	16.625	24.	8.	41.125	6.413	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

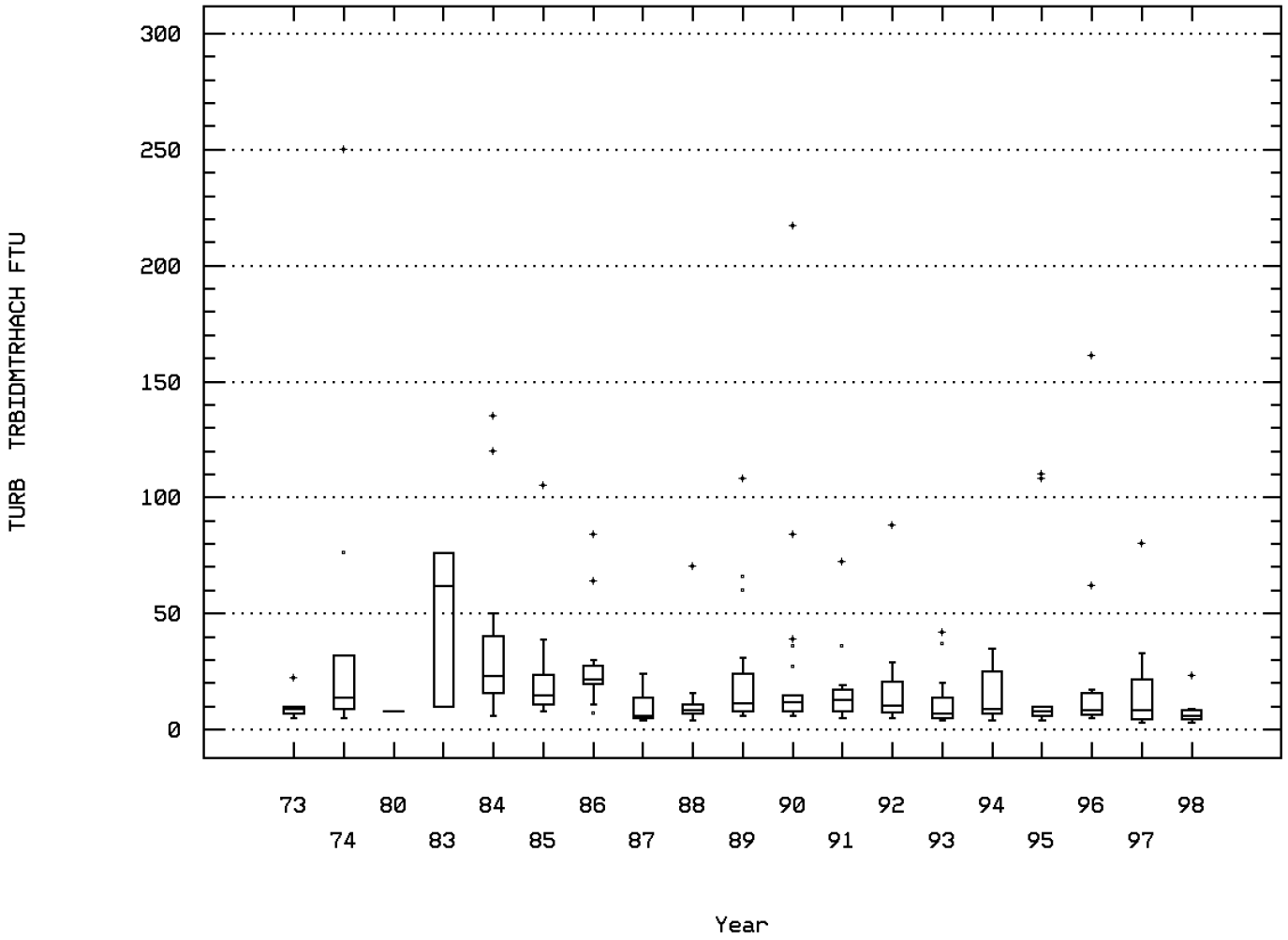
Annual Analysis for 1998 - Station CHCH0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/07/76-12/14/98	7	16.	16.429	24.	7.	46.952	6.852	**	**	**	**
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/12/73-12/14/98	8	6.	8.	23.	3.	40.857	6.392	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/73-12/14/98	8	266.5	257.75	305.	163.	2297.643	47.934	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/12/73-12/14/98	8	7.75	7.538	8.9	6.	1.197	1.094	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	07/12/73-12/14/98	8 ##	0.5	0.663	1.3	0.5	0.097	0.311	**	**	**	**
00400	PH (STANDARD UNITS)	10/15/75-12/14/98	8	7.54	7.466	7.75	7.15	0.052	0.228	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/15/75-12/14/98	8	7.536	7.412	7.75	7.15	0.056	0.236	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/15/75-12/14/98	8	0.029	0.039	0.071	0.018	0.	0.021	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/12/73-12/14/98	8	7.75	7.737	7.9	7.5	0.02	0.141	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/12/73-12/14/98	8	7.747	7.717	7.9	7.5	0.02	0.142	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/12/73-12/14/98	8	0.018	0.019	0.032	0.013	0.	0.007	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	07/12/73-12/14/98	8	122.	115.5	136.	71.	552.857	23.513	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/25/73-12/14/98	8	8.	10.5	27.	4.	49.714	7.051	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/12/73-12/14/98	8	0.05	0.071	0.15	0.015	0.003	0.052	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/12/73-12/14/98	8	0.67	0.695	0.99	0.44	0.037	0.192	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/12/73-12/14/98	8	0.05	0.054	0.1	0.02	0.001	0.024	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/12/73-12/14/98	8	2.	2.	3.	1.	0.857	0.926	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/12/73-12/14/98	8	122.5	115.25	150.	63.	957.929	30.95	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/12/73-12/14/98	6	295.	2390.	13000.	130.	27038680.	5199.873	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/12/73-12/14/98	6	2.446	2.654	4.114	2.114	0.569	0.754	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			450.838								

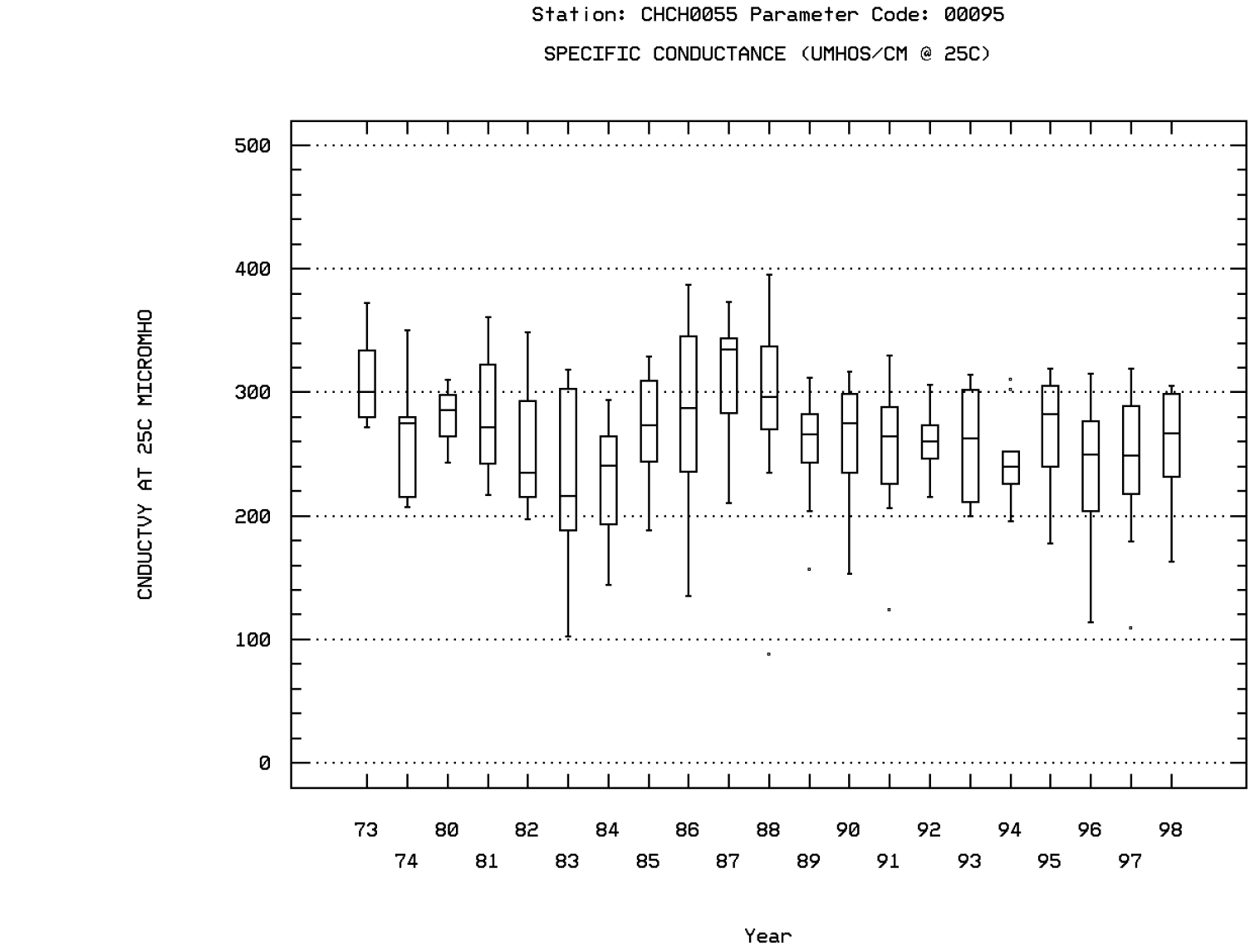
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: CHCH0055 Parameter Code: 00076

TURBIDITY,HACH TURBIDIMETER (FORMAZIN T



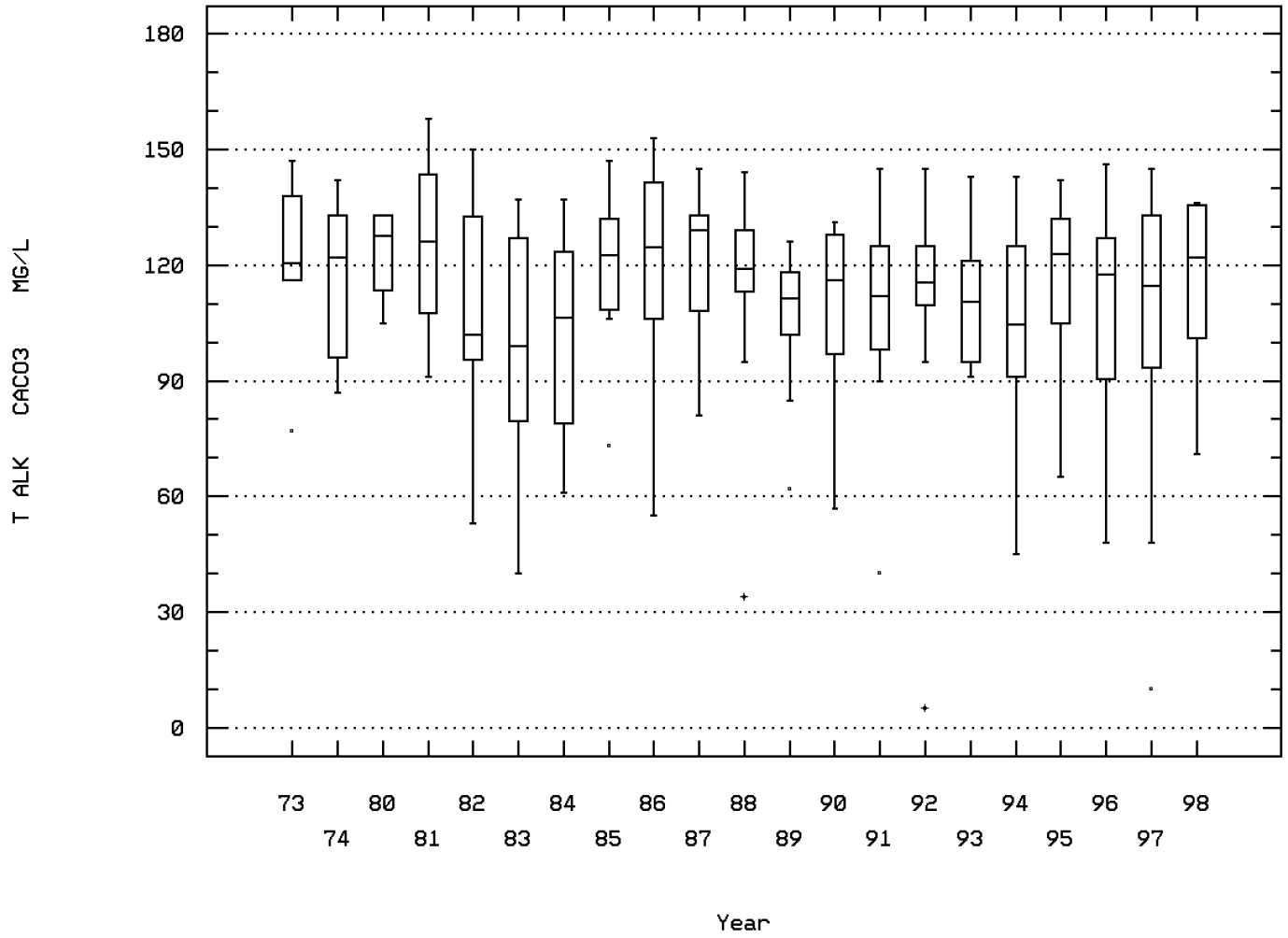
WEST CHICKAMAUGA CREEK - GEORGIA HIGHWA



WEST CHICKAMAUGA CREEK - GEORGIA HIGHWA

Station: CHCH0055 Parameter Code: 00410

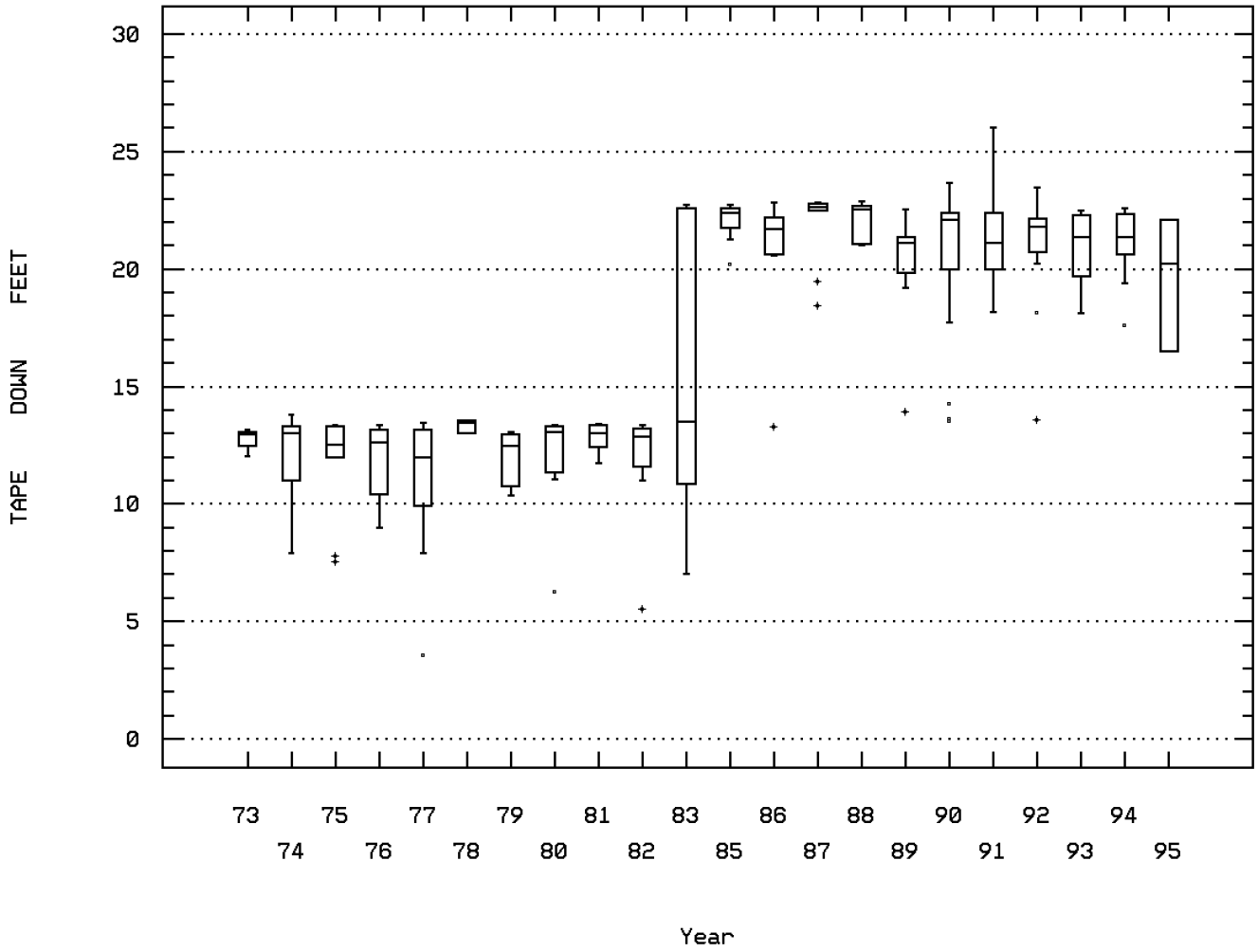
ALKALINITY, TOTAL (MG/L AS CACO3)



WEST CHICKAMAUGA CREEK - GEORGIA HIGHWA

Station: CHCH0055 Parameter Code: 82580

TAPEDOWN DIST. FROM REF PT ABOVE TO H2O



WEST CHICKAMAUGA CREEK - GEORGIA HIGHWA

Seasonal Analysis for Season #1: 6/01 to 10/31 - Station CHCH0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/24/84-12/14/98	91	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/73-12/14/98	58	23.	21.524	28.	13.3	12.679	3.561	15.	19.875	24.	25.05
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/07/76-12/14/98	46	23.	22.404	33.	1.	43.904	6.626	14.25	18.75	27.85	29.25
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/03/76-12/14/95	12	34.	73.917	290.	21.	8416.811	91.743	22.2	27.25	61.5	276.5
00065	STAGE, STREAM (FEET)	12/28/77-12/14/98	17	1.29	1.485	4.09	0.29	0.77	0.877	0.818	1.105	1.47	3.354
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/12/73-12/14/98	92	9.	13.446	105.	3.	185.173	13.608	5.	7.	16.75	24.1
00080	COLOR (PLATINUM-COBALT UNITS)	07/12/73-12/10/90	18	17.5	18.889	60.	5.	189.869	13.779	5.	10.	21.25	42.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/27/81-12/14/98	17	290.	286.941	340.	215.	1262.809	35.536	219.	267.5	308.5	337.6
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/73-12/14/98	105	293.	292.705	395.	188.	1694.056	41.159	241.8	268.	313.5	350.
00300p	OXYGEN, DISSOLVED MG/L	07/12/73-12/14/98	54	6.25	5.989	9.	2.4	1.965	1.402	4.15	4.975	7.1	7.65
00310p	BOD, 5 DAY, 20 DEG C MG/L	07/12/73-12/14/98	54	0.85	1.037	3.8	0.2	0.527	0.726	0.5	0.5	1.2	2.15
00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	11/16/73-07/02/91	9	51010.	50056.667	85700.	15940.	901352050.	30022.526	15940.	18040.	84630.	85700.
00400p	PH (STANDARD UNITS)	10/15/75-12/14/98	32	7.6	7.444	8.1	6.6	0.125	0.354	7.	7.1	7.72	7.794
00400p	CONVERTED PH (STANDARD UNITS)	10/15/75-12/14/98	32	7.6	7.295	8.1	6.6	0.148	0.385	7.	7.1	7.72	7.794
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/15/75-12/14/98	32	0.025	0.051	0.251	0.008	0.002	0.049	0.016	0.019	0.079	0.1
00403p	PH, LAB, STANDARD UNITS SU	07/12/73-12/14/98	84	7.7	7.685	8.2	7.1	0.03	0.172	7.5	7.6	7.8	7.9
00403p	CONVERTED PH, LAB, STANDARD UNITS	07/12/73-12/14/98	84	7.7	7.651	8.2	7.1	0.031	0.175	7.5	7.6	7.8	7.9
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/12/73-12/14/98	84	0.02	0.022	0.079	0.006	0.	0.01	0.013	0.016	0.025	0.032
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	07/12/73-12/14/98	105	127.	123.61	158.	10.	431.875	20.782	104.6	116.	136.	144.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/25/73-12/14/98	47	11.	13.096	34.	0.5	61.105	7.817	4.6	8.	17.	26.2
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/12/73-12/14/98	54	0.04	0.053	0.42	0.015	0.004	0.06	0.015	0.015	0.063	0.1
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/24/79-08/30/94	9	0.4	0.456	1.	0.2	0.06	0.246	0.2	0.3	0.6	1.
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/12/73-12/14/98	54	0.615	0.61	1.15	0.01	0.042	0.204	0.345	0.49	0.745	0.86
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	07/12/73-12/14/98	54	0.21	0.714	4.53	0.04	1.046	1.023	0.05	0.087	0.955	2.275
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	07/12/73-12/14/98	51	3.8	3.965	16.	0.5	5.467	2.338	2.	2.5	5.	5.9
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	07/12/73-12/14/98	61	130.	129.754	172.	74.	227.955	15.098	114.8	122.5	139.	148.8
01002	ARSENIC, TOTAL (UG/L AS AS)	10/16/73-08/30/94	10 ##	5.	8.	25.	2.5	52.5	7.246	2.5	2.5	12.5	23.75
01027	CADMIUM, TOTAL (UG/L AS CD)	10/16/73-08/30/94	10 ##	2.5	7.085	25.	0.35	91.489	9.565	0.365	2.	10.	25.
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/16/73-07/02/91	9 ##	2.5	2.2	5.8	0.5	2.76	1.661	0.5	0.5	2.5	5.8
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/16/73-07/02/91	9	24.	22.111	36.	13.	48.361	6.954	13.	15.5	24.5	36.
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/16/73-07/02/91	9 ##	25.	15.833	25.	2.5	118.75	10.897	2.5	5.	25.	25.
01042	COPPER, TOTAL (UG/L AS CU)	10/16/73-08/30/94	10 ##	17.5	16.35	25.	3.5	87.669	9.363	3.65	8.75	25.	25.
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11/16/73-07/02/91	9	8.5	10.511	19.	3.5	38.201	6.181	3.5	5.55	18.	19.
01051	LEAD, TOTAL (UG/L AS PB)	10/16/73-08/30/94	10 ##	12.5	17.3	50.	2.5	210.122	14.496	2.55	4.5	25.	47.5
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	11/16/73-07/02/91	9	20.	19.556	33.	11.	55.778	7.468	11.	12.	25.	33.
01092	ZINC, TOTAL (UG/L AS ZN)	10/16/73-07/02/91	9 ##	25.	35.889	88.	10.	697.111	26.403	10.	17.5	57.5	88.
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	11/16/73-07/02/91	9	42.	38.222	58.	19.	196.444	14.016	19.	23.	48.5	58.
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/12/73-12/14/98	53	330.	1963.868	54000.	20.	56079751.578	7488.642	90.	140.	1200.	2600.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/12/73-12/14/98	53	2.519	2.639	4.732	1.301	0.405	0.637	1.95	2.146	3.078	3.413
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			435.217								
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/16/73-07/02/91	9 ##	0.5	0.367	0.5	0.05	0.042	0.205	0.05	0.125	0.5	0.5
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	07/29/74-07/02/91	9 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	11/16/73-07/02/91	9 ##	10.	7.667	10.	3.	12.25	3.5	3.	3.	10.	10.
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/16/73-07/02/91	9 ##	3.	3.667	9.	3.	4.	2.	3.	3.	3.	9.
71900	MERCURY, TOTAL (UG/L AS HG)	10/16/73-08/30/94	10 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	11/16/73-07/02/91	9 ##	0.05	0.072	0.2	0.05	0.003	0.051	0.05	0.05	0.075	0.2
82580	TAPEDOWN DIST. FROM REF PT ABOVE TO H2O SURFACE FT	07/12/73-02/01/95	90	20.785	18.129	23.66	3.55	22.255	4.718	13.041	13.288	22.44	22.739

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 2/29 - Station CHCH0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/24/84-12/14/98	72	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/73-12/14/98	47	9.5	9.543	15.	4.2	6.471	2.544	6.4	7.5	11.1	13.1
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/07/76-12/14/98	40	8.4	9.16	21.	0.5	28.04	5.295	2.1	5.	14.	16.45
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/03/76-12/14/95	17	260.	529.765	1950.	4.	406421.441	637.512	52.	75.5	935.	1830.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 2/29 - Station CHCH0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00065	STAGE, STREAM (FEET)	12/28/77-12/14/98	14	3.255	3.036	7.11	1.37	2.329	1.526	1.38	1.643	3.563	5.695
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/12/73-12/14/98	77	10.	23.455	135.	3.	736.488	27.138	5.	7.	31.5	66.8
00080	COLOR (PLATINUM-COBALT UNITS)	07/12/73-12/10/90	13	20.	41.154	240.	5.	3925.641	62.655	7.	10.	47.5	170.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/27/81-12/14/98	18	236.5	231.833	324.	92.	4725.088	68.739	126.2	177.75	306.25	320.4
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/73-12/14/98	82	251.5	251.451	376.	88.	3223.88	56.779	171.	216.75	287.25	317.8
00300p	OXYGEN, DISSOLVED MG/L	07/12/73-12/14/98	44	9.25	9.132	11.8	6.4	1.827	1.352	7.	8.125	10.2	10.75
00310p	BOD, 5 DAY, 20 DEG C MG/L	07/12/73-12/14/98	43	1.2	1.24	2.9	0.5	0.414	0.643	0.5	0.8	1.6	2.18
00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	11/16/73-07/02/91	1	40800.	40800.	40800.	40800.	0.	0.	**	**	**	**
00400p	PH (STANDARD UNITS)	10/15/75-12/14/98	25	7.4	7.352	7.98	6.6	0.149	0.386	6.8	6.95	7.7	7.76
00400p	CONVERTED PH (STANDARD UNITS)	10/15/75-12/14/98	25	7.4	7.182	7.98	6.6	0.179	0.424	6.8	6.95	7.7	7.76
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/15/75-12/14/98	25	0.04	0.066	0.251	0.01	0.004	0.063	0.017	0.02	0.113	0.158
00403p	PH, LAB, STANDARD UNITS SU	07/12/73-12/14/98	63	7.7	7.711	8.3	7.2	0.026	0.161	7.5	7.6	7.8	7.9
00403p	CONVERTED PH, LAB, STANDARD UNITS	07/12/73-12/14/98	63	7.7	7.681	8.3	7.2	0.027	0.164	7.5	7.6	7.8	7.9
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/12/73-12/14/98	63	0.02	0.021	0.063	0.005	0.	0.009	0.013	0.016	0.025	0.032
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	07/12/73-12/14/98	89	110.	106.933	157.	5.	743.473	27.267	67.	95.	127.	137.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/25/73-12/14/98	40	9.5	19.125	117.	1.	651.394	25.522	4.	5.	16.75	66.6
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/12/73-12/14/98	44	0.055	0.102	0.94	0.01	0.026	0.163	0.015	0.019	0.1	0.235
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/24/79-08/30/94	5	0.2	0.4	1.1	0.1	0.18	0.424	**	**	**	**
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/12/73-12/14/98	44	0.605	0.635	0.99	0.29	0.039	0.197	0.365	0.495	0.8	0.925
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	07/12/73-12/14/98	44	0.17	0.34	1.84	0.02	0.194	0.44	0.03	0.073	0.353	1.08
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	07/12/73-12/14/98	42	3.	3.776	10.	0.5	5.75	2.398	1.21	2.	5.225	7.1
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	07/12/73-12/14/98	56	126.	121.839	164.	10.	735.701	27.124	88.2	112.5	140.	150.
01027	CADMIUM, TOTAL (UG/L AS CD)	10/16/73-08/30/94	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/16/73-07/02/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/16/73-07/02/91	1	15.	15.	15.	15.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11/16/73-07/02/91	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	11/16/73-07/02/91	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	11/16/73-07/02/91	1	230.	230.	230.	230.	0.	0.	**	**	**	**
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/12/73-12/14/98	43	790.	2272.093	23000.	0.	17758225.277	4214.051	130.	270.	2200.	6740.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/12/73-12/14/98	43	2.898	2.855	4.362	0.	0.571	0.756	2.114	2.431	3.342	3.818
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			715.55								
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/16/73-07/02/91	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	11/16/73-07/02/91	1 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/16/73-07/02/91	1 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	11/16/73-07/02/91	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
82580	TAPEDOWN DIST. FROM REF PT ABOVE TO H2O SURFACE FT	07/12/73-02/01/95	77	14.72	16.297	26.02	5.48	25.753	5.075	10.29	12.11	21.155	22.34

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 3/01 to 5/31 - Station CHCH0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/24/84-12/14/98	54	0.	0.185	10.	0.	1.852	1.361	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/73-12/14/98	34	15.5	14.776	21.	8.	11.857	3.443	10.	12.375	17.125	19.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/07/76-12/14/98	29	15.	15.952	26.	2.5	40.524	6.366	6.	13.	21.85	25.
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/03/76-12/14/95	3	122.	338.	790.	102.	153328.	391.571	**	**	**	**
00065	STAGE, STREAM (FEET)	12/28/77-12/14/98	9	5.23	5.734	11.21	2.15	12.442	3.527	2.15	2.495	9.35	11.21
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/12/73-12/14/98	55	14.	32.4	250.	4.	2641.244	51.393	5.	8.	23.	108.8
00080	COLOR (PLATINUM-COBALT UNITS)	07/12/73-12/10/90	9	15.	26.667	70.	5.	550.	23.452	5.	10.	50.	70.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/27/81-12/14/98	12	205.	205.	243.	111.	1554.545	39.428	129.3	181.75	240.	242.4
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/73-12/14/98	59	235.	228.678	337.	109.	2149.946	46.368	163.	204.	261.	283.
00300p	OXYGEN, DISSOLVED MG/L	07/12/73-12/14/98	33	8.2	8.227	10.2	5.	1.48	1.216	6.52	7.55	9.15	9.92
00310p	BOD, 5 DAY, 20 DEG C MG/L	07/12/73-12/14/98	35	0.8	1.194	5.9	0.2	1.302	1.141	0.36	0.5	1.3	2.9
00400p	PH (STANDARD UNITS)	10/15/75-12/14/98	17	7.48	7.401	7.9	6.8	0.094	0.307	6.88	7.15	7.61	7.78
00400p	CONVERTED PH (STANDARD UNITS)	10/15/75-12/14/98	17	7.48	7.29	7.9	6.8	0.107	0.328	6.88	7.15	7.61	7.78
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/15/75-12/14/98	17	0.033	0.051	0.158	0.013	0.002	0.042	0.017	0.025	0.071	0.132
00403p	PH, LAB, STANDARD UNITS SU	07/12/73-12/14/98	50	7.6	7.638	8.	7.1	0.037	0.192	7.31	7.575	7.8	7.9

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

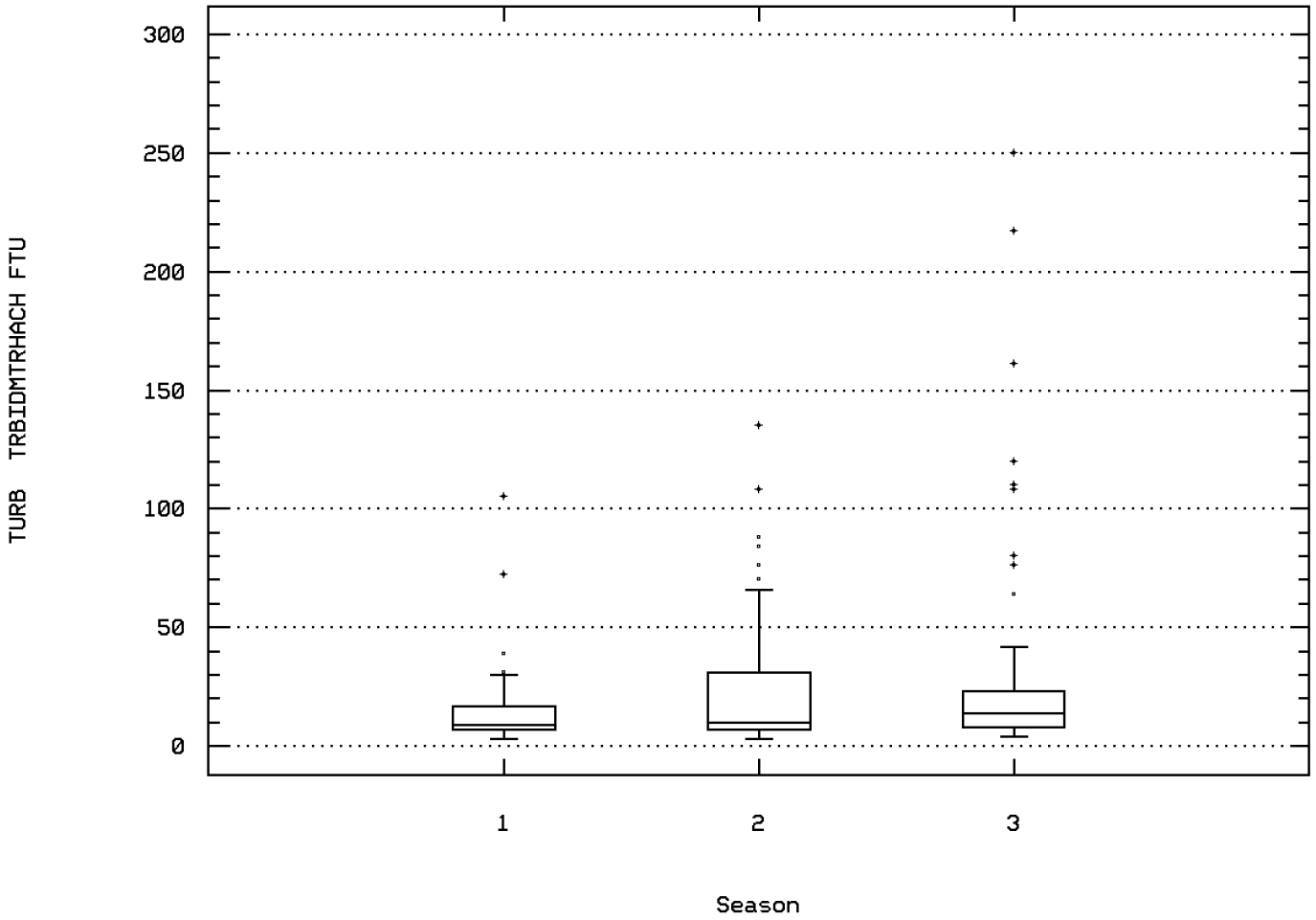
Seasonal Analysis for Season #3: 3/01 to 5/31 - Station CHCH0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403p	CONVERTED PH, LAB, STANDARD UNITS	07/12/73-12/14/98	50	7.6	7.593	8.	7.1	0.039	0.197	7.31	7.575	7.8	7.9
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/12/73-12/14/98	50	0.025	0.026	0.079	0.01	0.	0.013	0.013	0.016	0.027	0.049
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	07/12/73-12/14/98	64	104.5	99.438	131.	40.	454.79	21.326	63.5	88.25	113.75	124.5
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/25/73-12/14/98	30	11.	20.733	138.	3.	786.616	28.047	4.2	8.	21.5	48.3
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/12/73-12/14/98	33	0.04	0.083	1.	0.015	0.029	0.169	0.015	0.015	0.09	0.116
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/24/79-08/30/94	4	0.15	0.2	0.4	0.1	0.02	0.141	**	**	**	**
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/12/73-12/14/98	33	0.56	0.545	0.97	0.17	0.033	0.181	0.292	0.41	0.655	0.816
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	07/12/73-12/14/98	34	0.17	0.22	1.11	0.02	0.062	0.248	0.045	0.068	0.253	0.375
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	07/12/73-12/14/98	33	2.3	4.085	26.	0.5	26.79	5.176	1.	2.	4.3	6.48
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	07/12/73-12/14/98	31	108.	104.323	141.	63.	355.426	18.853	75.2	90.	114.	125.8
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/12/73-12/14/98	32	490.	10876.25	230000.	0.	1792996462.903	42343.789	80.	270.	2000.	10270.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/12/73-12/14/98	32	2.69	2.803	5.362	0.	0.903	0.95	1.903	2.431	3.282	3.957
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			634.727								
82580	TAPEDOWN DIST. FROM REF PT ABOVE TO H2O SURFACE FT	07/12/73-02/01/95	53	18.12	16.329	22.68	6.25	27.205	5.216	9.552	11.935	21.3	22.414

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: CHCH0055 Parameter Code: 00076

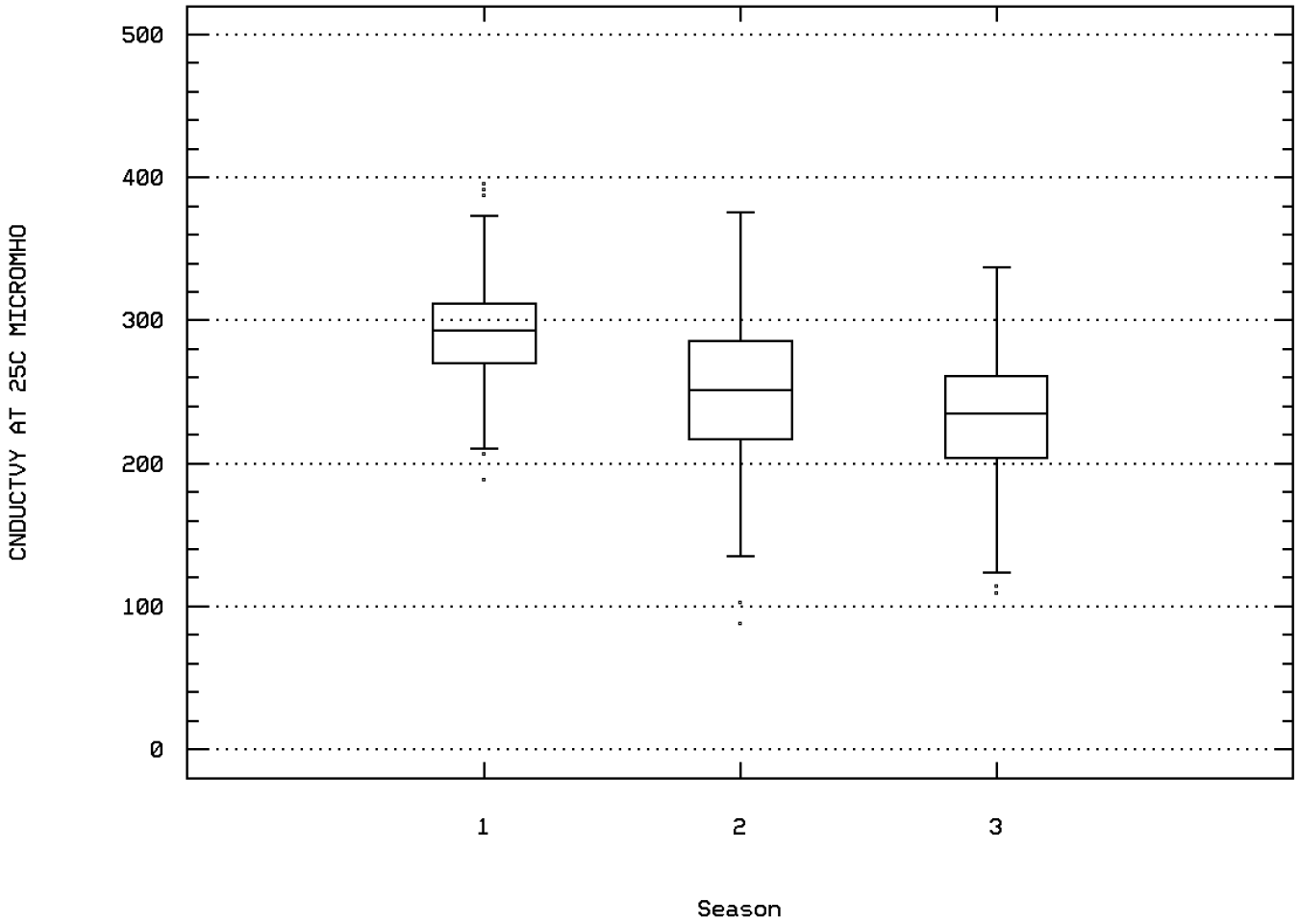
TURBIDITY,HACH TURBIDIMETER (FORMAZIN T



WEST CHICKAMAUGA CREEK - GEORGIA HIGHWA

Station: CHCH0055 Parameter Code: 00095

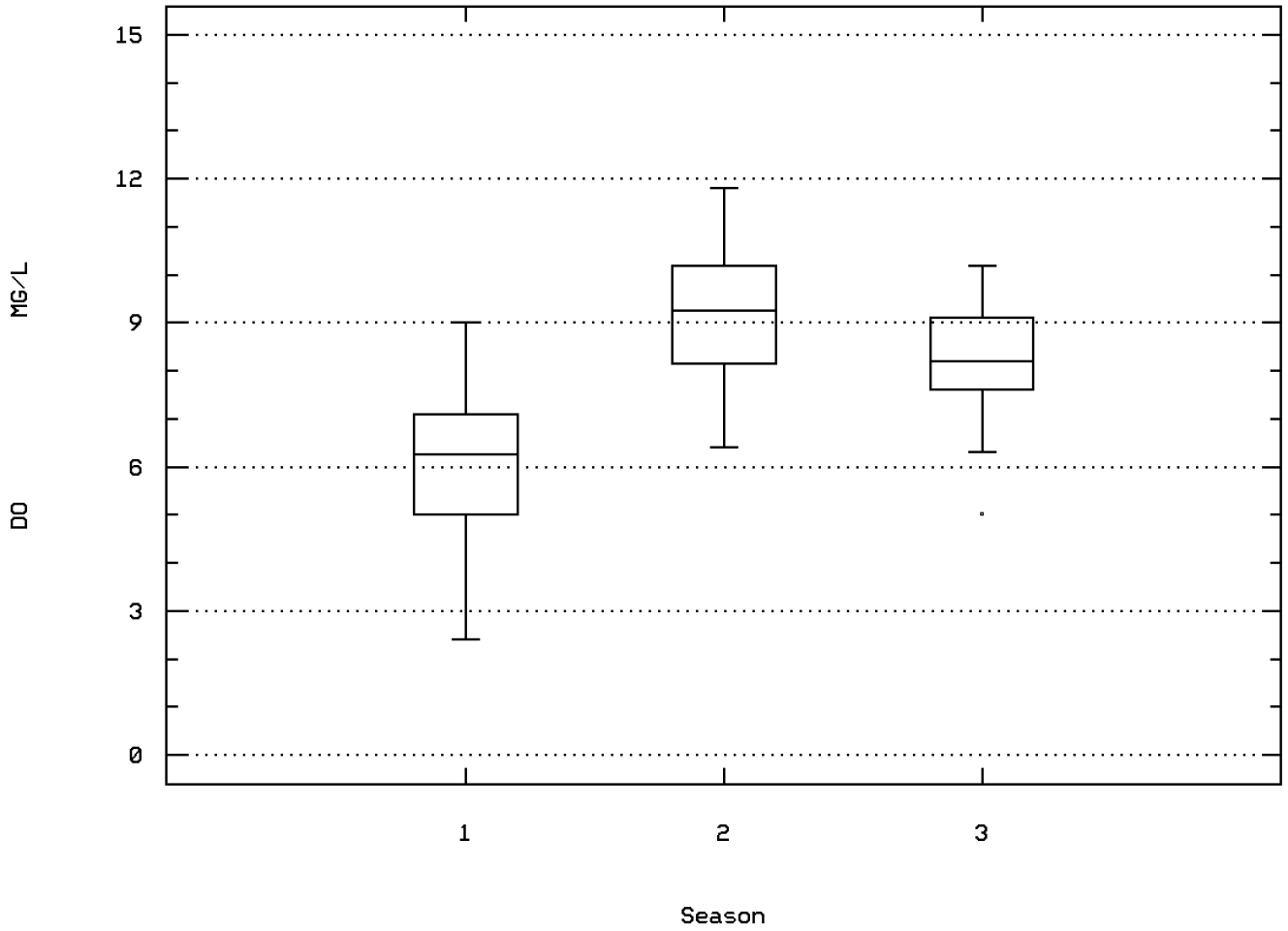
SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)



WEST CHICKAMAUGA CREEK - GEORGIA HIGHWA

Station: CHCH0055 Parameter Code: 00300

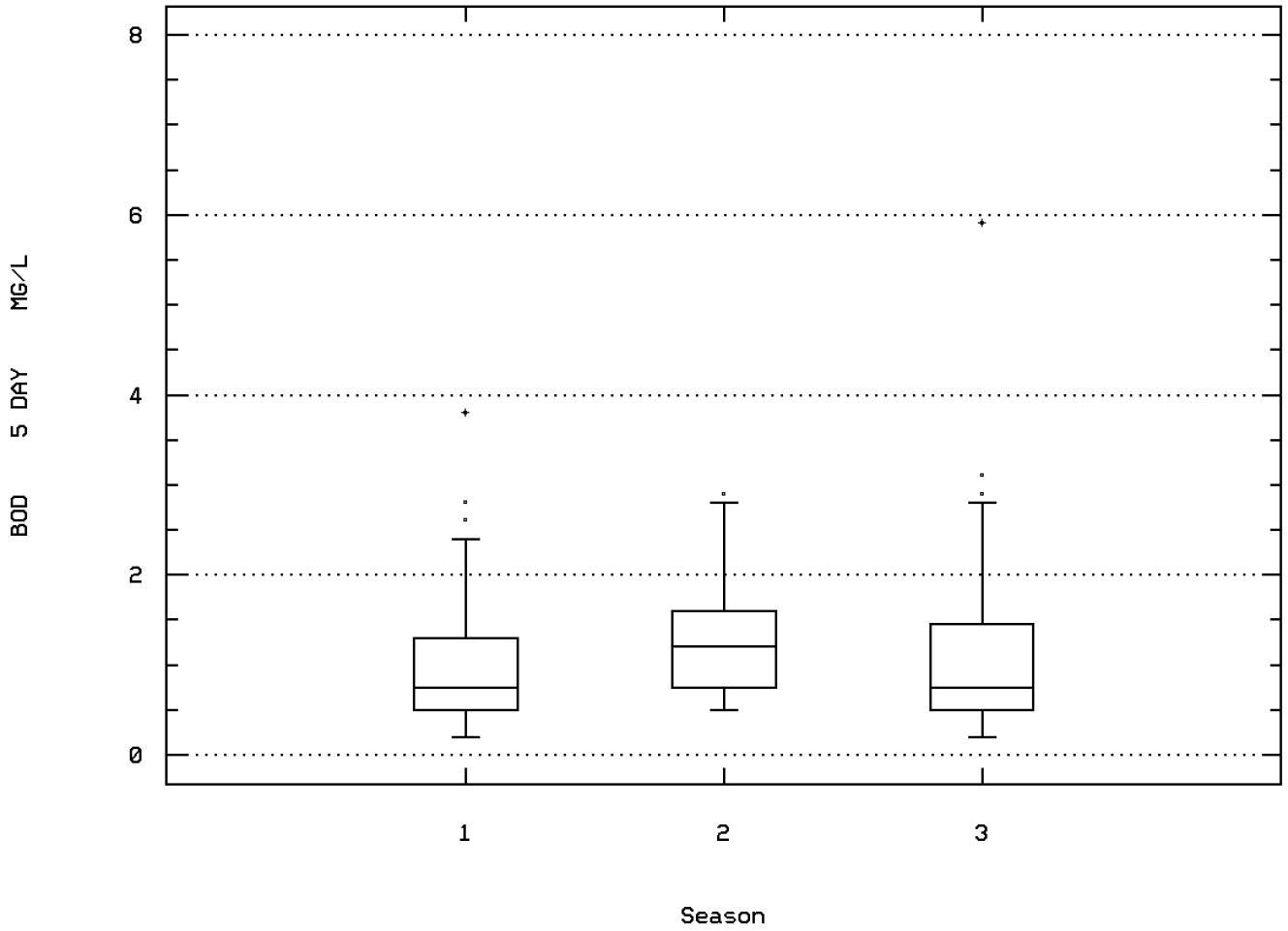
OXYGEN, DISSOLVED



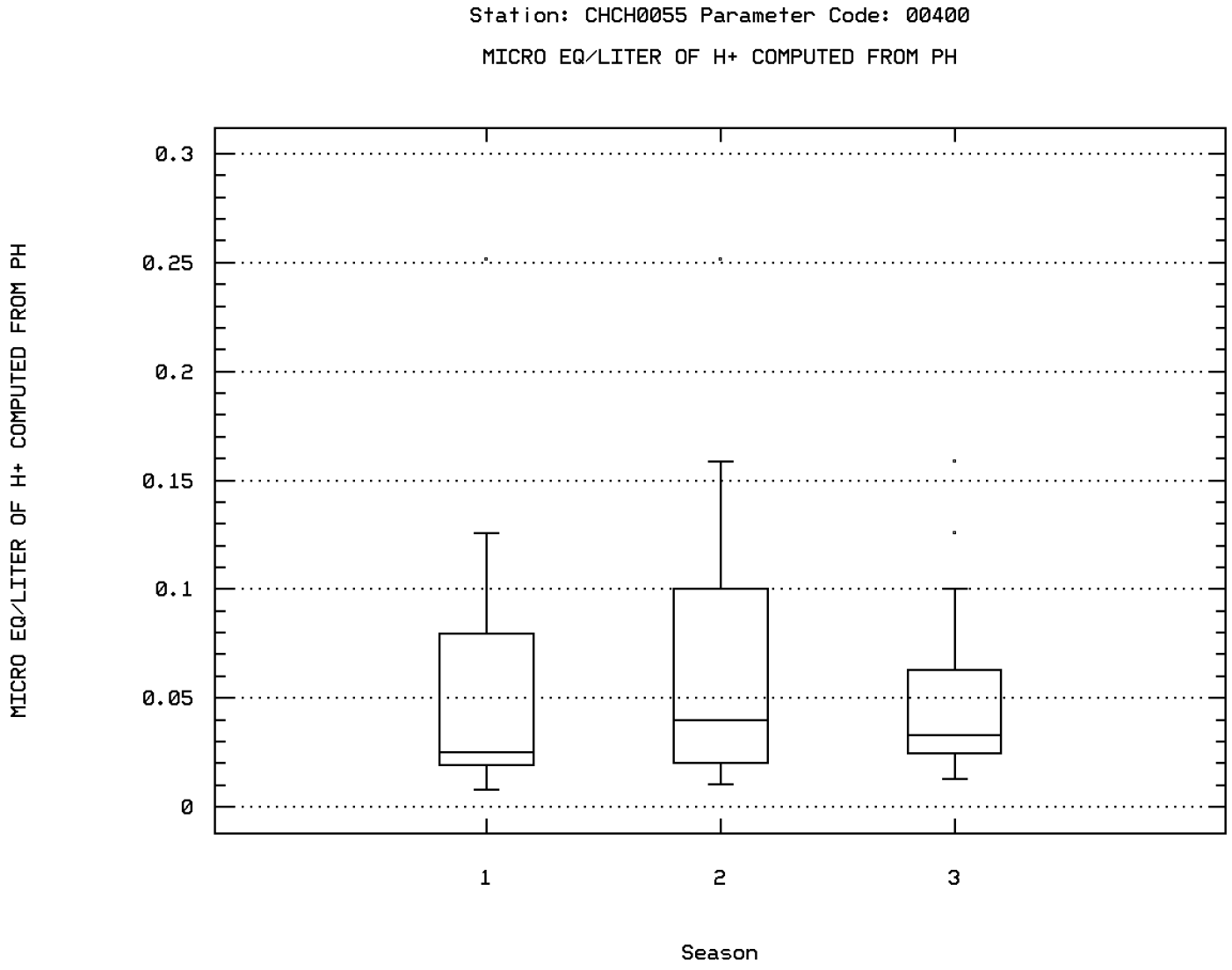
WEST CHICKAMAUGA CREEK - GEORGIA HIGHWA

Station: CHCH0055 Parameter Code: 00310

BOD, 5 DAY, 20 DEG C



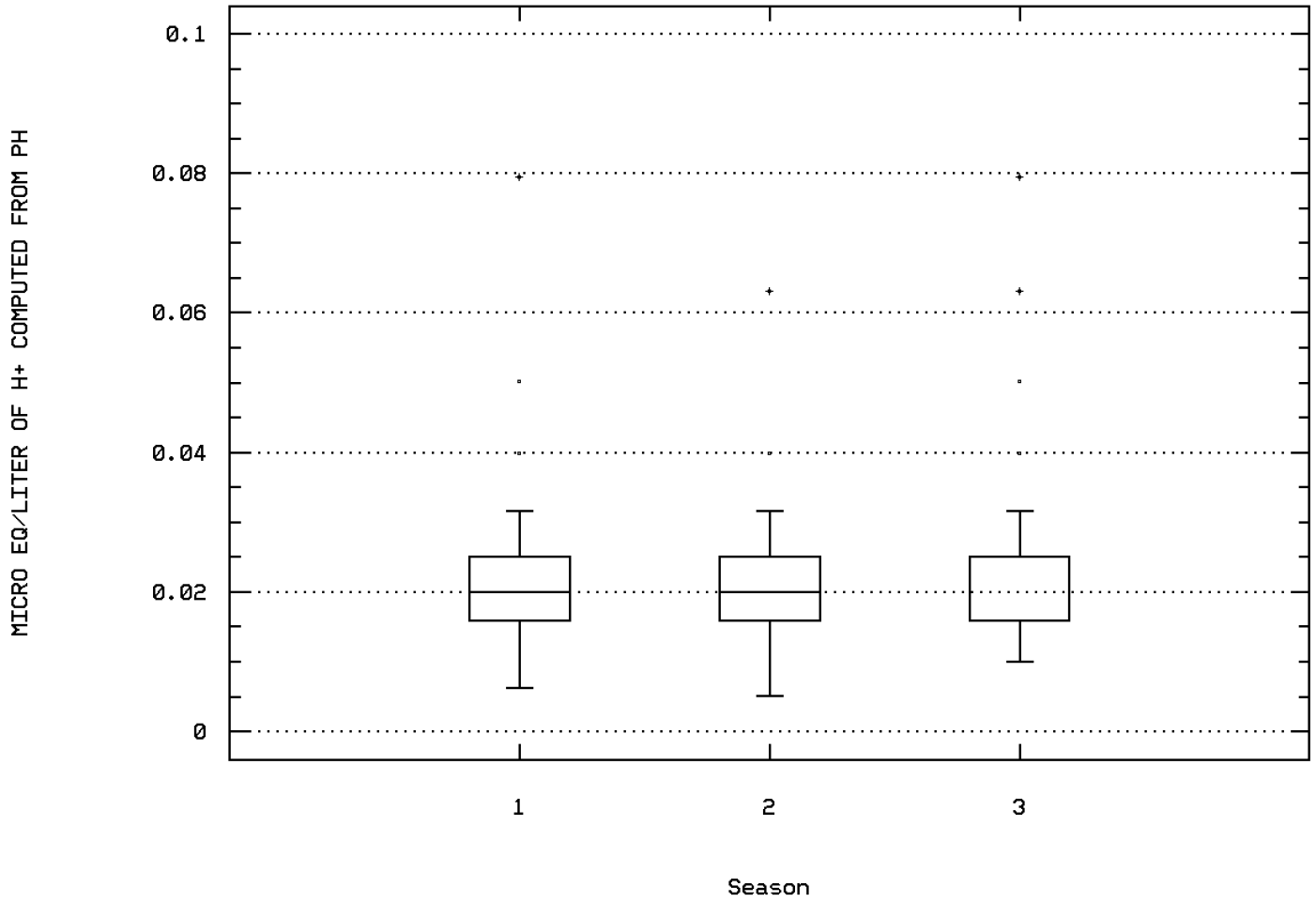
WEST CHICKAMAUGA CREEK - GEORGIA HIGHWA



WEST CHICKAMAUGA CREEK - GEORGIA HIGHWA

Station: CHCH0055 Parameter Code: 00403

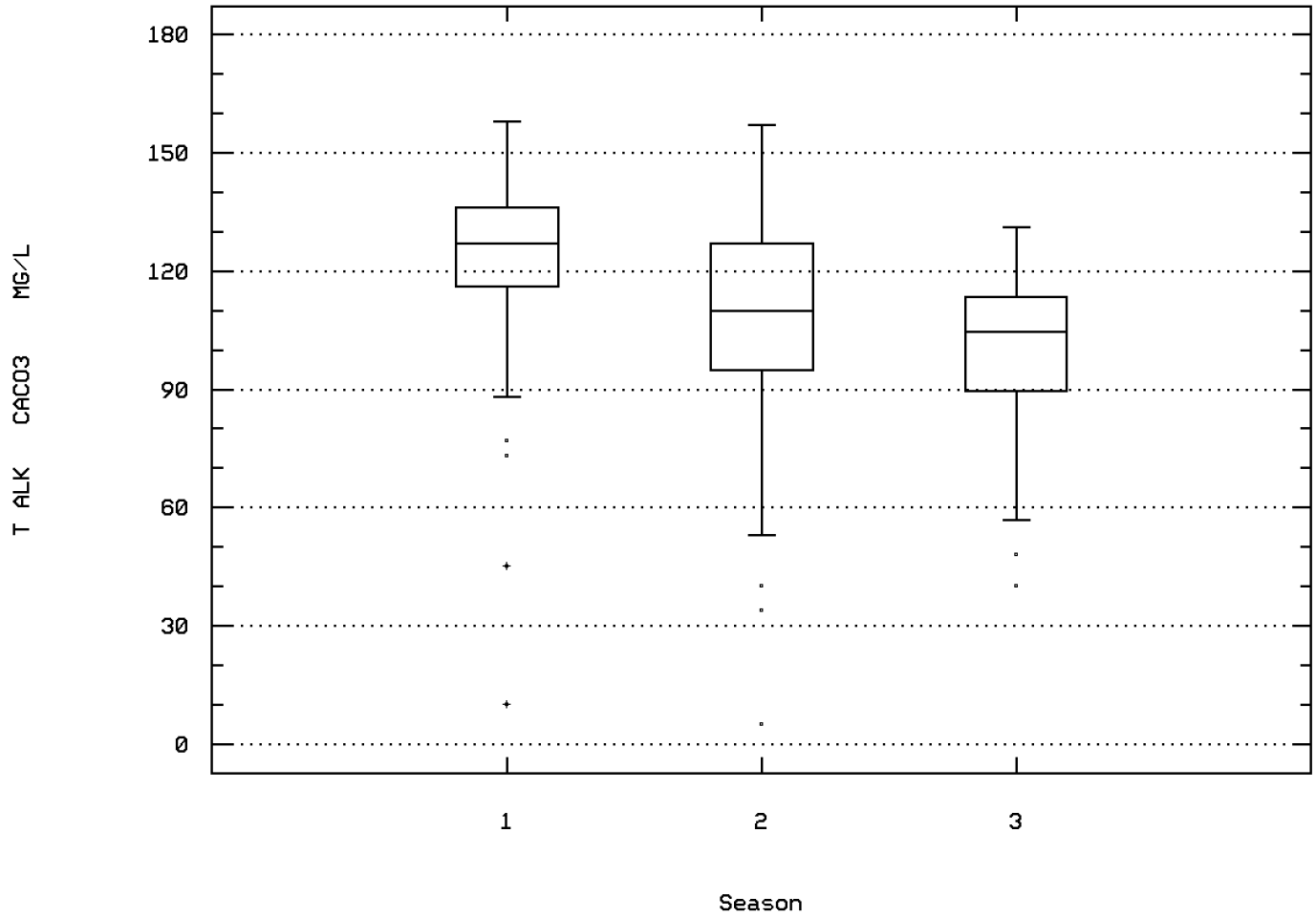
MICRO EQ/LITER OF H+ COMPUTED FROM PH



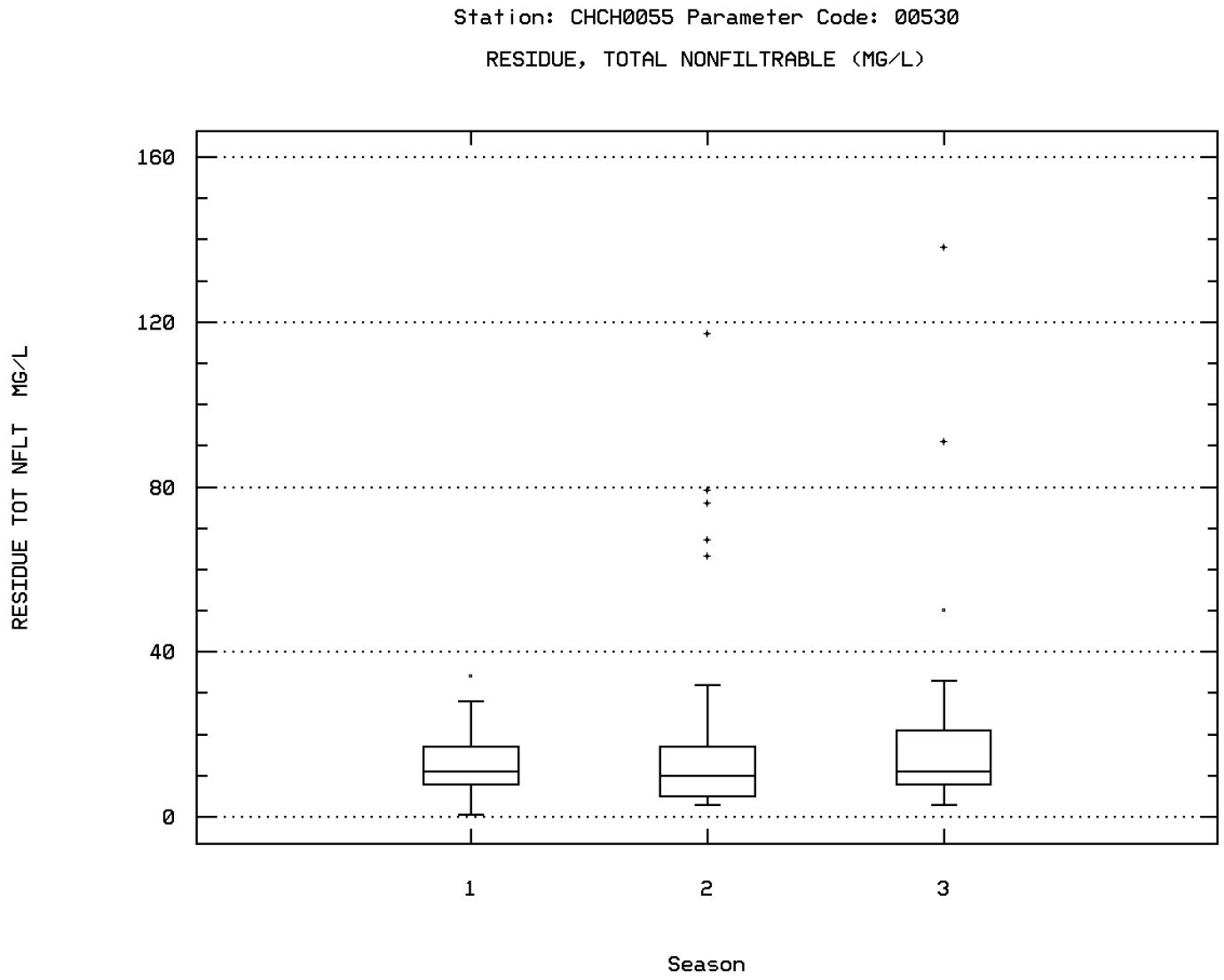
WEST CHICKAMAUGA CREEK - GEORGIA HIGHWA

Station: CHCH0055 Parameter Code: 00410

ALKALINITY, TOTAL (MG/L AS CACO3)



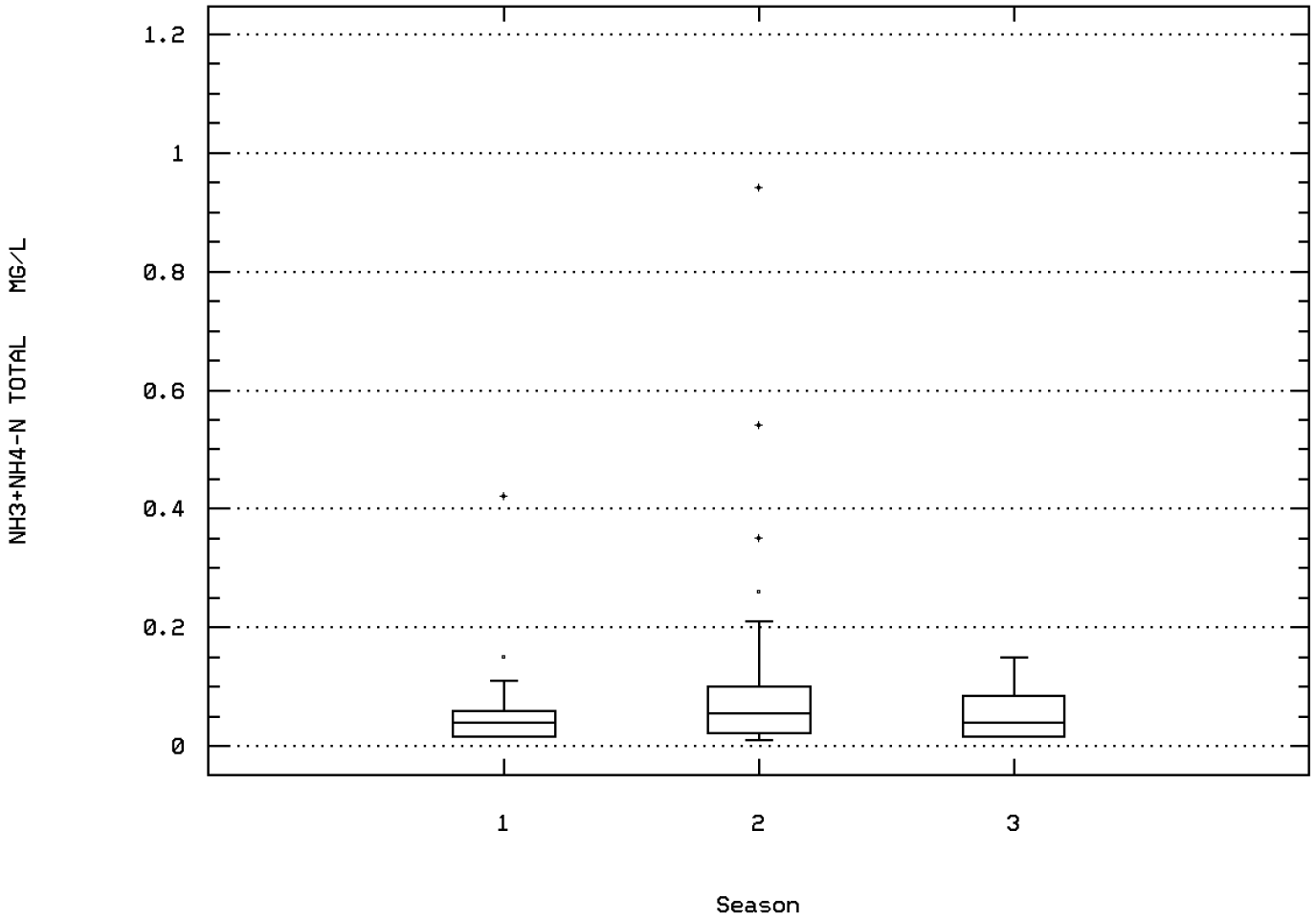
WEST CHICKAMAUGA CREEK - GEORGIA HIGHWA



WEST CHICKAMAUGA CREEK - GEORGIA HIGHWA

Station: CHCH0055 Parameter Code: 00610

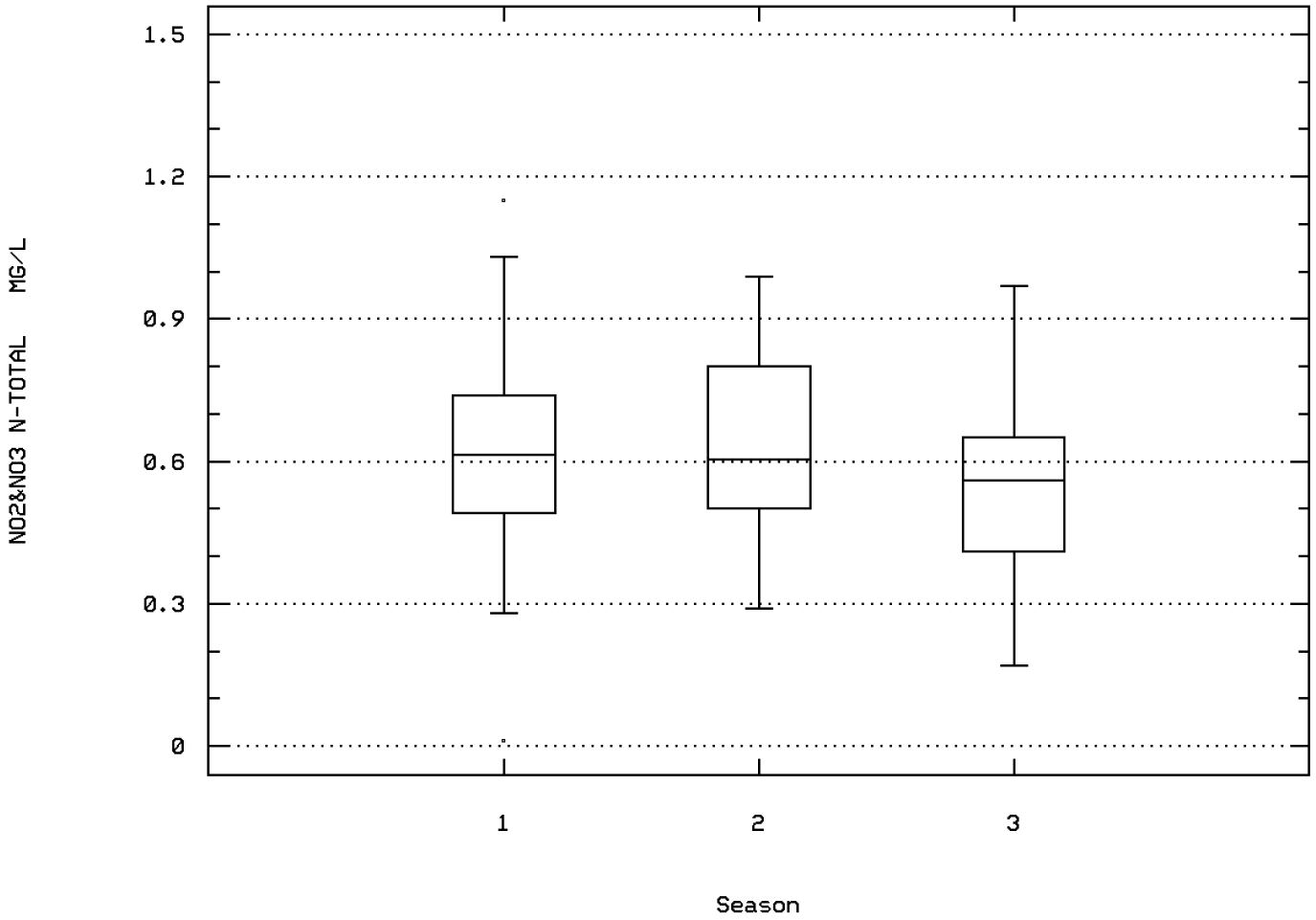
NITROGEN, AMMONIA, TOTAL (MG/L AS N)



WEST CHICKAMAUGA CREEK - GEORGIA HIGHWA

Station: CHCH0055 Parameter Code: 00630

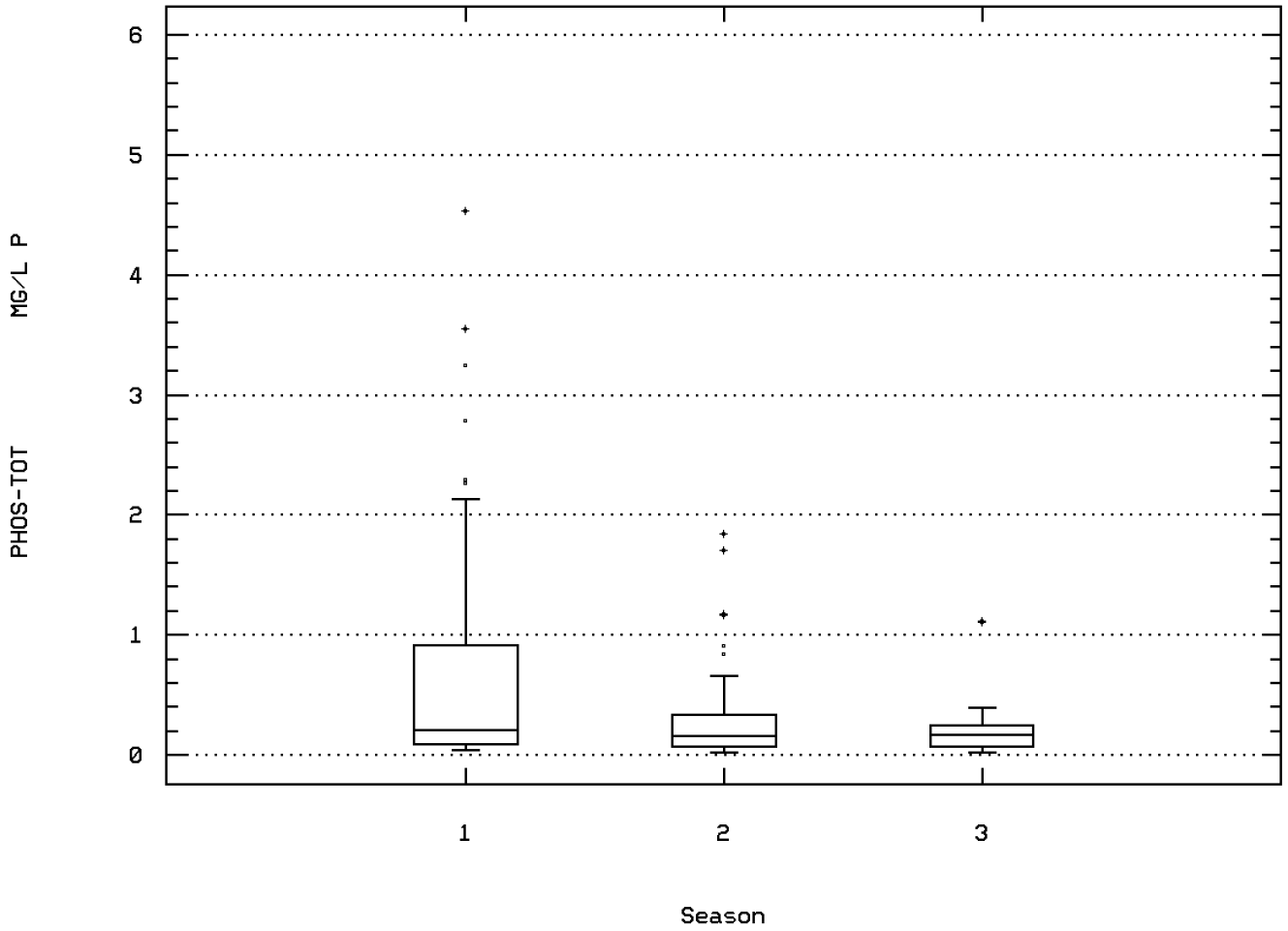
NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/



WEST CHICKAMAUGA CREEK - GEORGIA HIGHWA

Station: CHCH0055 Parameter Code: 00665

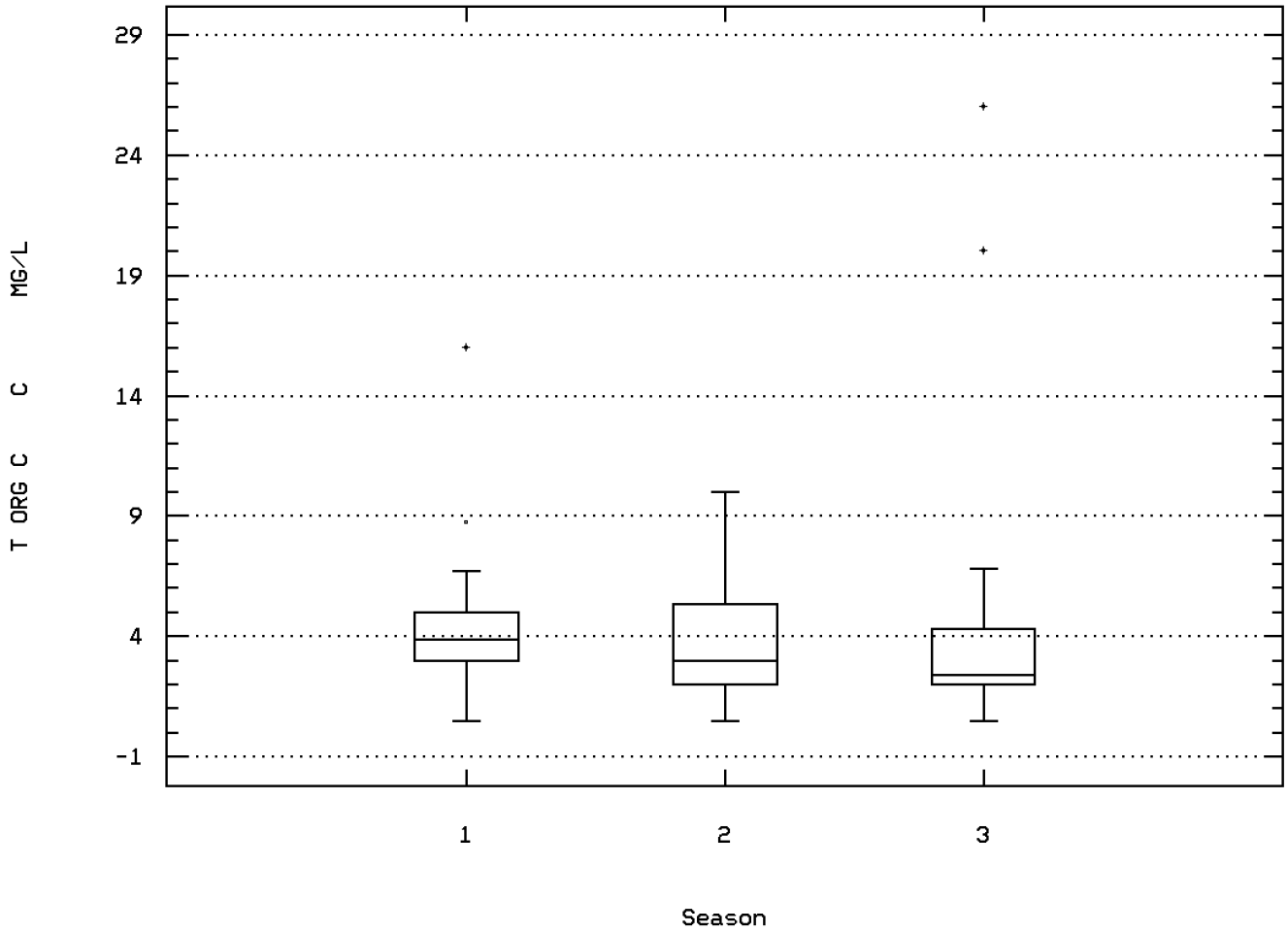
PHOSPHORUS, TOTAL (MG/L AS P)



WEST CHICKAMAUGA CREEK - GEORGIA HIGHWA

Station: CHCH0055 Parameter Code: 00680

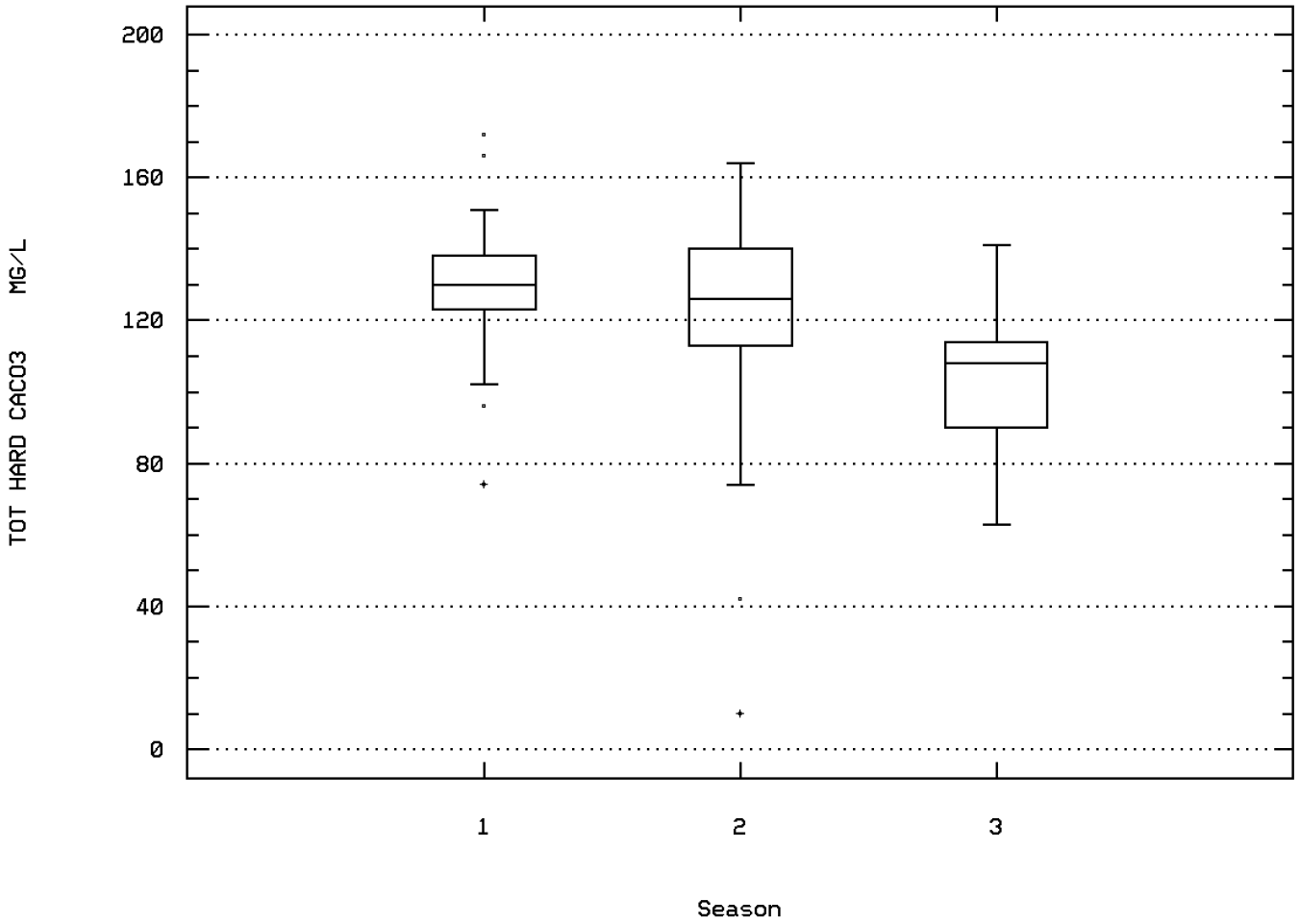
CARBON, TOTAL ORGANIC (MG/L AS C)



WEST CHICKAMAUGA CREEK - GEORGIA HIGHWA

Station: CHCH0055 Parameter Code: 00900

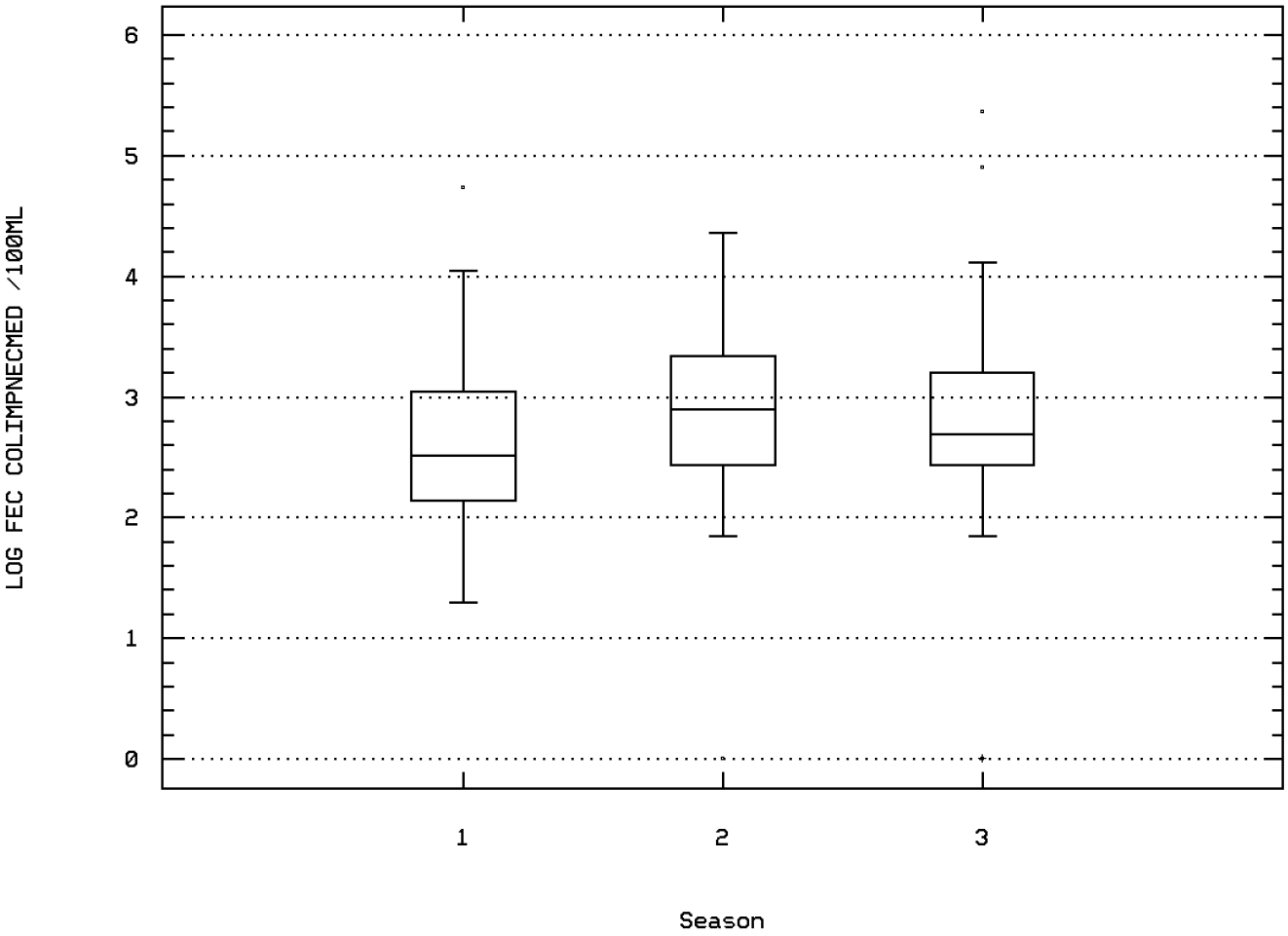
HARDNESS, TOTAL (MG/L AS CACO3)



WEST CHICKAMAUGA CREEK - GEORGIA HIGHWA

Station: CHCH0055 Parameter Code: 31615

LOG FECAL COLIFORM,MPN,EC MED,44.5C (TU



WEST CHICKAMAUGA CREEK - GEORGIA HIGHWA

Station Inventory for Station: CHCH0056

NPS Station ID: CHCH0056 | LAT/LON: 34.963643/ -85.385726 | Agency: 11NPSWRD | Date Created: 04/03/99
Location: HA-HA CAVE | FIPS State/County: 13083 GEORGIA/DADE
Station Type: /TYPA/AMBNT/SPRING/TUNNEL | STORET Station ID(s): CHCH_HHH_HHC
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 06020001 | Depth of Water: 0 | Aquifer:
Major Basin: TENNESSEE RIVER | Elevation: 0 | Water Body Id:
Minor Basin: TENNESSEE R-MAIN STEM & MINOR TRIBS | ECO Region:
RF1 Index: 06020001 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 06020001011302.01 | RF3 Mile Point: 3.41 | Distance from RF3: 0.11 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE HOOKER GEORGIA-TENNESSEE 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THIS SITE IS AT HA-HA CAVE AND IS INSIDE OF THE CHICKAMAUGA AND CHATTANOOGA NATIONAL MILITARY PARK BOUNDARIES. DATA ARE FROM A REPORT BY HORTON H. HOBBS III; "ASSESSMENT OF THE ECOLOGICAL RESOURCES OF THE CAVES OF RUSSELL CAVE NATIONAL MONUMENT JACKSON COUNTY ALABAMA AND SELECTED CAVES AT THE LOOKOUT MOUNTAIN UNIT OF CHICKAMAUGA-CHATTANOOGA NATIONAL MILITARY PARK DADE COUNTY GEORGIA AND HAMILTON COUNTY TENNESSEE;" JANUARY 1994. THE PURPOSE OF THIS REPORT WAS TO MAKE "RECOMMENDATIONS FOR MANAGEMENT OF THE CAVES PROPER AND THEIR HYDROLOGICAL RECHARGE AREAS." FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT THE CHICKAMAUGA AND CHATTANOOGA NATIONAL MILITARY PARK; P.O. BOX 2128; FORT OGLETHORPE GA 30742; (TEL. 706-866-9241). DATA WERE PROCESSED AND UPLOADED TO STORET BY RONDA BURNS NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: CHCH0056

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/15/92-12/15/92	1	10.3	10.3	10.3	10.3	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/15/92-12/15/92	1	10.4	10.4	10.4	10.4	0.	0.	**	**	**	**
00052	HUMIDITY, RELATIVE (PERCENT)	12/15/92-12/15/92	1	100.	100.	100.	100.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/15/92-12/15/92	1	227.	227.	227.	227.	0.	0.	**	**	**	**
00154	SULFATE (AS S) WHOLE WATER, MG/L	12/15/92-12/15/92	1	12.3	12.3	12.3	12.3	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	12/15/92-12/15/92	1	8.35	8.35	8.35	8.35	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	12/15/92-12/15/92	1	8.35	8.35	8.35	8.35	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/15/92-12/15/92	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/15/92-12/15/92	1	1.12	1.12	1.12	1.12	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/15/92-12/15/92	1	132.	132.	132.	132.	0.	0.	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	12/15/92-12/15/92	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	12/15/92-12/15/92	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0056

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00154	SULFATE (AS S) WHOLE WATER	Drinking Water	250.	1	0	0.00				1	0	0.00						
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0057

NPS Station ID: CHCH0057 | LAT/LON: 34.969420/ -85.388532 | Agency: 11NPSWRD | Date Created: 04/03/99
Location: SKYUKA SPRING | FIPS State/County: 13083 GEORGIA/DADE
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): CHCH_HHH_SS
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 06020001 | Depth of Water: 0 | Aquifer:
Major Basin: TENNESSEE RIVER | Elevation: 0 | Water Body Id:
Minor Basin: TENNESSEE R-MAIN STEM & MINOR TRIBS | ECO Region:
RF1 Index: 06020001 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 06020001011302.01 | RF3 Mile Point: 3.41 | Distance from RF3: 0.11 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE HOOKER GEORGIA-TENNESSEE 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THIS SITE IS AT SKYUKA SPRING AND IS INSIDE OF THE CHICKAMAUGA AND CHATTANOOGA NATIONAL MILITARY PARK BOUNDARIES. DATA ARE FROM A REPORT BY HORTON H. HOBBS III; "ASSESSMENT OF THE ECOLOGICAL RESOURCES OF THE CAVES OF RUSSELL CAVE NATIONAL MONUMENT JACKSON COUNTY ALABAMA AND SELECTED CAVES AT THE LOOKOUT MOUNTAIN UNIT OF CHICKAMAUGA-CHATTANOOGA NATIONAL MILITARY PARK DADE COUNTY GEORGIA AND HAMILTON COUNTY TENNESSEE;" JANUARY 1994. THE PURPOSE OF THIS REPORT WAS TO MAKE "RECOMMENDATIONS FOR MANAGEMENT OF THE CAVES PROPER AND THEIR HYDROLOGICAL RECHARGE AREAS." FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT THE CHICKAMAUGA AND CHATTANOOGA NATIONAL MILITARY PARK; P.O. BOX 2128; FORT OGLETHORPE GA 30742; (TEL. 706-866-9241). DATA WERE PROCESSED AND UPLOADED TO STORET BY RONDA BURNS NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: CHCH0057

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/01/92-09/01/92	1	14.2	14.2	14.2	14.2	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/01/92-09/01/92	1	141.	141.	141.	141.	0.	0.	**	**	**	**
00154	SULFATE (AS S) WHOLE WATER, MG/L	09/01/92-09/01/92	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/01/92-09/01/92	1	9.2	9.2	9.2	9.2	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	09/01/92-09/01/92	1	7.63	7.63	7.63	7.63	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	09/01/92-09/01/92	1	7.63	7.63	7.63	7.63	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/01/92-09/01/92	1	0.023	0.023	0.023	0.023	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/01/92-09/01/92	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/01/92-09/01/92	1	90.	90.	90.	90.	0.	0.	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	09/01/92-09/01/92	1	1.52	1.52	1.52	1.52	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	09/01/92-09/01/92	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0057

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00154	SULFATE (AS S) WHOLE WATER	Drinking Water	250.	1	0	0.00	1	0	0.00									
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0058

NPS Station ID: CHCH0058
LAT/LON: 34.970004/ -85.302226
Agency: 131TVAC
Date Created: / /
Location: GA HWY 349 BRIDGE
FIPS State/County: 13295 GEORGIA/WALKER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 120829
RMI-Indexes: 1021500 007720 00920 6140 0190
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 007.60 001.02
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: DRY CREEK 1.02
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 06020001124701.76
RF3 Mile Point: 1.75
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/07/67-12/03/69	14	1.	0.857	1.	0.	0.132	0.363	0.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/07/67-12/03/69	14	14.3	14.136	24.4	4.	40.373	6.354	5.2	8.125	19.175	23.05
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/27/69-12/03/69	12	0.95	4.65	35.	0.4	93.415	9.665	0.52	0.9	4.	25.7
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/27/69-12/03/69	12	22.5	32.5	90.	10.	684.091	26.155	10.	10.	53.75	81.
00080	COLOR (PLATINUM-COBALT UNITS)	09/07/67-12/03/69	14	17.5	23.393	80.	2.5	420.776	20.513	3.75	8.75	32.5	60.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/27/69-12/03/69	12	490.	485.	910.	210.	55681.818	235.97	216.	262.5	660.	883.
00300	OXYGEN, DISSOLVED MG/L	09/07/67-12/03/69	14	0.75	3.443	11.9	0.05	20.489	4.526	0.05	0.05	8.225	11.45
00304	BOD, 2 DAY, 20 DEG C MG/L	09/07/67-10/11/67	2	121.5	121.5	240.	3.	28084.5	167.584	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	10/11/67-12/03/69	13	36.	122.262	700.	1.3	36786.079	191.797	1.38	1.8	160.	524.
00400	PH (STANDARD UNITS)	09/07/67-12/03/69	13	7.4	7.323	7.6	6.9	0.075	0.274	6.9	7.05	7.6	7.6
00400	CONVERTED PH (STANDARD UNITS)	09/07/67-12/03/69	13	7.4	7.24	7.6	6.9	0.083	0.288	6.9	7.05	7.6	7.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/07/67-12/03/69	13	0.04	0.058	0.126	0.025	0.001	0.038	0.025	0.025	0.09	0.126
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/27/69-12/03/69	12	175.	185.833	390.	79.	10431.424	102.134	81.7	91.	253.75	369.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/27/69-12/03/69	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00500	RESIDUE, TOTAL (MG/L)	09/07/67-10/11/67	2	435.	435.	460.	410.	1250.	35.355	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/07/67-10/11/67	2	320.	320.	370.	270.	5000.	70.711	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/27/69-12/03/69	12	4.45	4.109	10.	0.32	10.802	3.287	0.356	0.538	6.95	9.31
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/27/69-12/03/69	12	2.95	4.399	16.	0.005	29.804	5.459	0.025	0.108	5.85	15.4
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/27/69-12/03/69	12	0.015	0.018	0.05	0.005	0.	0.013	0.005	0.01	0.02	0.044
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/27/69-12/03/69	12	0.11	0.241	1.1	0.01	0.108	0.328	0.016	0.033	0.448	0.935
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/27/69-12/03/69	11	1.956	6.142	19.886	0.075	51.683	7.189	0.08	0.13	10.432	19.038
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/27/69-12/03/69	12	0.23	3.132	12.714	0.026	20.352	4.511	0.029	0.068	7.498	11.345
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/07/67-12/03/69	13	140000.	794834.615	4400000.	50.	**********	1286932.046	2550.	13250.	1240000.	3528000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/07/67-12/03/69	13	5.146	4.987	6.643	1.699	1.818	1.349	2.539	4.092	6.084	6.525
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			96962.625								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/07/67-12/03/69	14	5250.	51130.714	340000.	50.	8792573745.604	93768.725	50.	697.5	73750.	234500.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/07/67-12/03/69	14	3.695	3.735	5.531	1.699	1.494	1.222	1.699	2.842	4.849	5.321
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			5431.272								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0058

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	12	4	0.33	5	1	0.20	4	2	0.50	3	1	0.33			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	8 &	4	0.50	1	1	1.00	4	2	0.50	3	1	0.33			
00400	PH	Fresh Chronic	9.	13	0	0.00	6	0	0.00	4	0	0.00	3	0	0.00			
		Other-Lo Lim.	6.5	13	0	0.00	6	0	0.00	4	0	0.00	3	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	12	0	0.00	5	0	0.00	4	0	0.00	3	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	12	0	0.00	5	0	0.00	4	0	0.00	3	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	13	12	0.92	7	7	1.00	3	2	0.67	3	3	1.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	14	12	0.86	7	6	0.86	4	3	0.75	3	3	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0059

NPS Station ID: CHCH0059 LAT/LON: 34.972226/ -85.327781 Agency: 112WRD Date Created: / /
Location: CHATTANOOGA CREEK NEAR FLINTSTONE, GA FIPS State/County: 13295 GEORGIA/WALKER
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 03568500
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 06020001 RF1 Mile Point: 0.000 Distance from RF1: 31.60 On/Off RF1:
RF3 Index: 06020001125500.18 RF3 Mile Point: 0.17 Distance from RF3: 0.02 On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/66-09/01/81	34	16.1	15.468	28.	3.	44.82	6.695	5.25	9.875	21.5	22.9
00060	FLOW, STREAM, MEAN DAILY CFS	08/05/66-09/11/73	7	22.	49.571	103.	7.	2024.286	44.992	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/24/79-09/01/81	26	66.5	79.962	298.	7.	6334.118	79.587	10.7	14.5	101.25	234.6
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/17/71-06/17/71	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/05/66-06/26/74	8	5.	6.75	15.	3.	15.071	3.882	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/05/66-09/01/81	34	148.5	166.882	310.	26.	3032.895	55.072	111.	129.25	210.	236.
00300	OXYGEN, DISSOLVED MG/L	06/26/74-09/01/81	27	8.2	8.441	12.6	4.6	5.364	2.316	4.88	6.7	10.1	11.9
00310	BOD, 5 DAY, 20 DEG C MG/L	06/17/71-06/17/71	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/05/66-09/01/81	33	7.5	7.436	8.3	6.8	0.074	0.273	7.1	7.25	7.6	7.7
00400	CONVERTED PH (STANDARD UNITS)	08/05/66-09/01/81	33	7.5	7.356	8.3	6.8	0.081	0.284	7.1	7.25	7.6	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/05/66-09/01/81	33	0.032	0.044	0.158	0.005	0.001	0.03	0.02	0.025	0.057	0.079
00403	PH, LAB, STANDARD UNITS SU	11/25/80-09/01/81	9	7.5	7.644	7.9	7.4	0.05	0.224	7.4	7.45	7.9	7.9
00403	CONVERTED PH, LAB, STANDARD UNITS	11/25/80-09/01/81	9	7.5	7.596	7.9	7.4	0.053	0.23	7.4	7.45	7.9	7.9
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/25/80-09/01/81	9	0.032	0.025	0.04	0.013	0.	0.012	0.013	0.013	0.036	0.04
00405	CARBON DIOXIDE (MG/L AS CO2)	11/22/72-09/09/80	21	4.4	6.148	42.	1.1	72.019	8.486	2.02	2.25	6.45	8.82
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/17/71-09/01/81	33	60.	69.242	119.	34.	727.064	26.964	37.2	45.	89.5	111.2
00435	ACIDITY, TOTAL (MG/L AS CACO3)	04/24/79-01/14/81	10	0.	1.	10.	0.	10.	3.162	0.	0.	0.	9.
00440	BICARBONATE ION (MG/L AS HCO3)	08/05/66-06/26/74	7	110.	97.	144.	48.	1806.333	42.501	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	06/26/74-06/26/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	06/17/71-06/17/71	1	392.	392.	392.	392.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/17/71-06/17/71	1	33.	33.	33.	33.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	06/26/74-06/26/74	1	0.55	0.55	0.55	0.55	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	11/22/72-06/26/74	6	0.165	0.148	0.33	0.005	0.015	0.123	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/17/71-06/26/74	7	0.04	0.044	0.1	0.005	0.001	0.035	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/26/74-06/26/74	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	04/18/79-04/18/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	11/22/72-06/26/74	6 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	11/22/72-06/26/74	6	0.3	0.325	0.5	0.25	0.008	0.088	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/26/74-06/26/74	1	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/26/74-06/26/74	1	0.22	0.22	0.22	0.22	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/17/71-05/21/80	4	0.3	0.3	0.4	0.2	0.007	0.082	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/22/72-09/11/73	5	0.26	0.238	0.57	0.03	0.049	0.221	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/26/74-06/26/74	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/17/71-06/26/74	2	0.65	0.65	0.74	0.56	0.016	0.127	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/26/74-06/26/74	1	0.68	0.68	0.68	0.68	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/26/74-06/26/74	1	0.67	0.67	0.67	0.67	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/26/74-06/26/74	1	3.9	3.9	3.9	3.9	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	06/26/74-06/26/74	1	3.1	3.1	3.1	3.1	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/05/66-05/21/80	10	87.	85.4	121.	47.	807.6	28.418	47.6	58.25	112.5	120.9
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	11/22/72-05/21/80	8	13.5	13.	20.	0.	39.143	6.256	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/05/66-05/21/80	10	26.	25.6	38.	15.	65.378	8.086	15.1	18.25	32.	37.7
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/05/66-05/21/80	10	5.2	5.09	8.	2.2	3.959	1.99	2.29	3.175	6.7	7.9
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/05/66-05/21/80	10	3.	6.34	20.	1.5	50.689	7.12	1.52	1.925	10.	19.9
00931	SODIUM ADSORPTION RATIO	06/17/71-05/21/80	9	0.2	0.322	0.9	0.1	0.094	0.307	0.1	0.1	0.55	0.9
00932	SODIUM, PERCENT	06/17/71-05/21/80	9	10.	12.444	30.	5.	88.278	9.396	5.	5.5	19.	30.
00933	SODIUM,PLUS POTASSIUM (MG/L)	08/01/79-08/01/79	1	2.9	2.9	2.9	2.9	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/05/66-05/21/80	10	1.7	1.76	3.1	0.7	0.767	0.876	0.72	0.9	2.625	3.09
00940	CHLORIDE,TOTAL IN WATER MG/L	08/05/66-05/21/80	10	4.	4.3	7.	2.	3.122	1.767	2.	2.75	5.5	7.
00945	SULFATE, TOTAL (MG/L AS SO4)	08/05/66-09/01/81	34	16.	16.	25.	4.	19.697	4.438	10.	13.75	19.	22.5
00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/26/74-05/21/80	3	0.1	0.067	0.1	0.	0.003	0.058	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/05/66-05/21/80	9	5.3	5.5	6.5	4.7	0.34	0.583	4.7	5.05	6.	6.5
01000	ARSENIC, DISSOLVED (UG/L AS AS)	06/26/74-06/26/74	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	08/01/79-05/21/80	2 ##	0.25	0.25	0.5	0.	0.125	0.354	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/18/79-08/20/80	2	0.5	0.5	1.	0.	0.5	0.707	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/26/74-06/26/74	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	08/01/79-05/21/80	2 ##	0.5	0.5	1.	0.	0.5	0.707	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/18/79-08/20/80	2 ##	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/18/79-08/20/80	2	30.	30.	40.	20.	200.	14.142	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/26/74-06/26/74	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/01/79-05/21/80	2 ##	7.	7.	10.	4.	18.	4.243	**	**	**	**
01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	04/18/79-08/20/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	06/26/74-06/26/74	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/01/79-05/21/80	2	3.	3.	4.	2.	2.	1.414	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/18/79-08/20/80	2 ##	12.5	12.5	20.	5.	112.5	10.607	**	**	**	**
01044	IRON, SUSPENDED (UG/L AS FE)	04/24/79-09/01/81	23	370.	448.261	1200.	190.	63660.474	252.31	200.	250.	500.	828.
01045	IRON, TOTAL (UG/L AS FE)	06/17/71-09/01/81	32	405.	435.781	1300.	20.	76175.983	276.	100.	237.5	550.	760.
01046	IRON, DISSOLVED (UG/L AS FE)	06/26/74-09/01/81	25	50.	55.	110.	0.	895.833	29.93	14.	35.	80.	104.
01049	LEAD, DISSOLVED (UG/L AS PB)	06/26/74-06/26/74	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	08/01/79-05/21/80	2	7.	7.	8.	6.	2.	1.414	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/18/79-08/20/80	2 ##	37.5	37.5	70.	5.	2112.5	45.962	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	04/18/79-08/20/80	2	290.	290.	380.	200.	16200.	127.279	**	**	**	**
01054	MANGANESE, SUSPENDED (UG/L AS MN)	04/24/79-09/01/81	24	15.	15.417	60.	0.	225.906	15.03	0.	0.	27.5	30.
01055	MANGANESE, TOTAL (UG/L AS MN)	06/17/71-09/01/81	27	60.	69.63	150.	40.	796.011	28.214	40.	50.	80.	112.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/26/74-09/01/81	25	50.	56.12	120.	30.	489.693	22.129	36.	40.	65.	89.8
01090	ZINC, DISSOLVED (UG/L AS ZN)	06/26/74-06/26/74	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/01/79-05/21/80	2	15.	15.	20.	10.	50.	7.071	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	04/18/79-08/20/80	2	195.	195.	360.	30.	54450.	233.345	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	07/16/73-05/21/80	4 ##	160.	165.	240.	100.	5700.	75.498	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	06/26/74-06/26/74	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	04/18/79-08/20/80	2	3570.	3570.	6600.	540.	18361800.	4285.067	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	06/26/74-06/26/74	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	08/01/79-05/21/80	2 ##	0.25	0.25	0.5	0.	0.125	0.354	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	08/20/80-08/20/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	04/18/79-08/20/80	2	6850.	6850.	12000.	1700.	53045000.	7283.2	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/17/71-06/17/71	1	23000.	23000.	23000.	23000.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/17/71-06/17/71	1	4.362	4.362	4.362	4.362	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			23000.								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/05/66-09/01/81	33	97.	111.242	313.	62.	2171.127	46.595	70.	78.5	136.	151.2
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	11/22/72-05/21/80	8	87.	102.	167.	58.	1410.571	37.558	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	11/22/72-09/01/81	31	16.1	18.298	54.2	2.83	222.26	14.908	3.918	5.24	24.4	47.62
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	11/22/72-09/01/81	31	0.13	0.151	0.43	0.08	0.004	0.066	0.092	0.11	0.18	0.208
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	04/24/79-09/06/79	2	100.	100.	100.	100.	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/26/74-06/26/74	1	0.66	0.66	0.66	0.66	0.	0.	**	**	**	**
71825	ACIDITY, TOTAL (MG/L AS H)	04/24/79-01/14/81	10 ##	0.05	0.045	0.2	0.	0.004	0.06	0.	0.	0.05	0.185
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	11/22/72-06/26/74	5	0.05	0.052	0.09	0.01	0.001	0.033	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/05/66-06/26/74	7	1.3	1.529	2.2	1.1	0.216	0.464	**	**	**	**
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	06/26/74-06/26/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	08/05/66-08/05/66	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	06/26/74-06/26/74	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	06/26/74-06/26/74	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	08/01/79-05/21/80	2 ##	0.225	0.225	0.25	0.2	0.001	0.035	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	04/18/79-08/20/80	2	0.	0.	0.	0.	0.	0.	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	04/24/79-09/01/81	23	15.	17.217	47.	1.	183.542	13.548	1.8	5.	30.	40.4
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	04/24/79-09/01/81	23	1.8	4.972	26.	0.03	54.264	7.366	0.128	0.58	5.8	21.2
82031	COAL IN BOTTOM MATERIAL DRY WEIGHT GRAMS/KG	09/01/81-09/01/81	1	3.	3.	3.	3.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0059

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	27	0	0.00	12	0	0.00	8	0	0.00	7	0	0.00			
00400	PH	Fresh Chronic	9.	33	0	0.00	16	0	0.00	9	0	0.00	8	0	0.00			
		Other-Lo Lim.	6.5	33	0	0.00	16	0	0.00	9	0	0.00	8	0	0.00			
00403	PH, LAB	Fresh Chronic	9.	9	0	0.00	2	0	0.00	4	0	0.00	3	0	0.00			
		Other-Lo Lim.	6.5	9	0	0.00	2	0	0.00	4	0	0.00	3	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	6	0	0.00	3	0	0.00	2	0	0.00	1	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	6	0	0.00	3	0	0.00	2	0	0.00	1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	4	0	0.00	3	0	0.00				1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	10	0	0.00	6	0	0.00	2	0	0.00	2	0	0.00			
		Drinking Water	250.	10	0	0.00	6	0	0.00	2	0	0.00	2	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	34	0	0.00	16	0	0.00	10	0	0.00	8	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	3	0	0.00	2	0	0.00				1	0	0.00			
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01002	ARSENIC, TOTAL	Fresh Acute	360.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	50.	2	0	0.00	1	0	0.00				1	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
01027	CADMIUM, TOTAL	Fresh Acute	3.9	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	5.	2	0	0.00	1	0	0.00				1	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00	1	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	2	0	0.00	1	0	0.00				1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	1300.	2	0	0.00	1	0	0.00				1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	1	0	0.00	1	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	15.	2	0	0.00	1	0	0.00				1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	5000.	2	0	0.00	1	0	0.00				1	0	0.00			
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01147	SELENIUM, TOTAL	Fresh Acute	20.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	50.	2	0	0.00	1	0	0.00				1	0	0.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	1	1	1.00	1	1	1.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	7	0	0.00	4	0	0.00	2	0	0.00	1	0	0.00			
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	1	0	0.00	1	0	0.00									
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									
71900	MERCURY, TOTAL	Fresh Acute	2.4	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	2.	2	0	0.00	1	0	0.00				1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 6/01 to 10/31 - Station CHCH0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/66-09/01/81	16	21.5	21.356	28.	16.	8.041	2.836	16.77	20.15	22.375	25.55
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/05/66-09/01/81	16	210.	193.563	310.	26.	4229.596	65.035	92.5	151.5	231.5	264.5
00300	OXYGEN, DISSOLVED MG/L	06/26/74-09/01/81	12	6.7	6.433	8.4	4.6	1.493	1.222	4.66	5.125	7.35	8.22
00400	PH (STANDARD UNITS)	08/05/66-09/01/81	16	7.5	7.506	8.3	6.8	0.107	0.328	7.01	7.425	7.675	7.88
00400	CONVERTED PH (STANDARD UNITS)	08/05/66-09/01/81	16	7.5	7.388	8.3	6.8	0.122	0.35	7.01	7.425	7.675	7.88
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/05/66-09/01/81	16	0.032	0.041	0.158	0.005	0.001	0.037	0.015	0.021	0.038	0.103
00405	CARBON DIOXIDE (MG/L AS CO2)	11/22/72-09/09/80	11	6.3	8.791	42.	1.1	126.499	11.247	1.3	4.4	6.9	35.46
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/17/71-09/01/81	15	89.	84.267	119.	42.	671.352	25.91	42.6	60.	110.	115.4
00945	SULFATE, TOTAL (MG/L AS SO4)	08/05/66-09/01/81	16	17.	16.313	25.	4.	32.629	5.712	8.2	11.75	20.	24.3
01045	IRON, TOTAL (UG/L AS FE)	06/17/71-09/01/81	14	505.	556.071	1300.	25.	106677.61	326.615	62.5	430.	730.	1150.
01046	IRON, DISSOLVED (UG/L AS FE)	06/26/74-09/01/81	11	80.	61.364	110.	0.	1470.455	38.347	1.	30.	90.	108.
01055	MANGANESE, TOTAL (UG/L AS MN)	06/17/71-09/01/81	12	80.	85.	150.	40.	1100.	33.166	43.	60.	110.	141.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/26/74-09/01/81	11	60.	70.273	120.	40.	626.818	25.036	40.	50.	83.	116.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/05/66-09/01/81	15	137.	141.	313.	83.	2845.286	53.341	84.2	104.	150.	222.4
70302	SOLIDS, DISSOLVED-TONS PER DAY	11/22/72-09/01/81	13	6.32	12.436	54.2	2.83	205.41	14.332	3.154	3.99	15.1	43.36
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	11/22/72-09/01/81	14	0.185	0.193	0.43	0.11	0.006	0.076	0.115	0.14	0.203	0.325

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 2/29 - Station CHCH0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/66-09/01/81	10	8.75	7.55	10.5	3.	8.581	2.929	3.1	4.	10.125	10.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/05/66-09/01/81	10	138.5	146.9	200.	115.	947.433	30.78	115.3	123.25	168.5	200.
00300	OXYGEN, DISSOLVED MG/L	06/26/74-09/01/81	8	11.5	11.	12.6	9.2	1.86	1.364	**	**	**	**
00400	PH (STANDARD UNITS)	08/05/66-09/01/81	9	7.3	7.3	7.6	7.	0.033	0.18	7.	7.15	7.4	7.6
00400	CONVERTED PH (STANDARD UNITS)	08/05/66-09/01/81	9	7.3	7.266	7.6	7.	0.034	0.184	7.	7.15	7.4	7.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/05/66-09/01/81	9	0.05	0.054	0.1	0.025	0.001	0.023	0.025	0.04	0.071	0.1
00405	CARBON DIOXIDE (MG/L AS CO2)	11/22/72-09/09/80	6	3.95	3.967	5.5	2.8	1.203	1.097	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/17/71-09/01/81	10	52.5	56.6	87.	36.	322.489	17.958	36.3	42.75	71.5	86.8
00945	SULFATE, TOTAL (MG/L AS SO4)	08/05/66-09/01/81	10	16.	15.3	18.	11.	6.011	2.452	11.2	13.	18.	18.
01045	IRON, TOTAL (UG/L AS FE)	06/17/71-09/01/81	10	245.	265.	540.	20.	21405.556	146.306	29.	200.	377.5	526.
01046	IRON, DISSOLVED (UG/L AS FE)	06/26/74-09/01/81	8	45.	51.25	110.	20.	755.357	27.484	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	06/17/71-09/01/81	8	50.	53.75	70.	40.	83.929	9.161	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/26/74-09/01/81	8	45.	45.	60.	30.	85.714	9.258	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/05/66-09/01/81	10	86.	89.1	122.	62.	336.989	18.357	63.4	76.75	101.	121.1
70302	SOLIDS, DISSOLVED-TONS PER DAY	11/22/72-09/01/81	10	19.75	19.002	44.9	3.95	142.699	11.946	3.952	8.868	24.55	42.91
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	11/22/72-09/01/81	9	0.11	0.12	0.17	0.08	0.001	0.028	0.08	0.1	0.14	0.17

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 3/01 to 5/31 - Station CHCH0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/66-09/01/81	8	14.5	13.588	17.	8.	10.176	3.19	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/05/66-09/01/81	8	137.5	138.5	200.	105.	898.286	29.971	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/26/74-09/01/81	7	9.3	8.957	10.1	7.4	1.233	1.11	**	**	**	**
00400	PH (STANDARD UNITS)	08/05/66-09/01/81	8	7.5	7.45	7.7	7.2	0.037	0.193	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/05/66-09/01/81	8	7.5	7.412	7.7	7.2	0.039	0.197	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/05/66-09/01/81	8	0.032	0.039	0.063	0.02	0.	0.017	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	11/22/72-09/09/80	4	2.15	2.15	2.3	2.	0.017	0.129	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/17/71-09/01/81	8	50.	56.875	108.	34.	679.554	26.068	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/05/66-09/01/81	8	16.	16.25	23.	10.	14.214	3.77	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	06/17/71-09/01/81	8	400.	438.75	760.	100.	41098.214	202.727	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	06/26/74-09/01/81	6	50.	48.333	60.	30.	136.667	11.69	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 3/01 to 5/31 - Station CHCH0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01055	MANGANESE, TOTAL (UG/L AS MN)	06/17/71-09/01/81	7	60.	61.429	100.	40.	447.619	21.157	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/26/74-09/01/81	6	40.	45.	70.	30.	190.	13.784	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/05/66-09/01/81	8	79.5	83.125	118.	64.	299.839	17.316	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	11/22/72-09/01/81	8	19.65	26.944	51.5	7.65	266.99	16.34	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	11/22/72-09/01/81	8	0.11	0.114	0.16	0.09	0.001	0.023	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: CHCH0060

NPS Station ID: CHCH0060 LAT/LON: 34.972504/ -85.327227 Agency: 131TVAC Date Created: / /
Location: GAGING STATION 1 MILE SOUTH OF STATE LINE FIPS State/County: 13295 GEORGIA/WALKER
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 120866
RMI-Indexes: 1021500 007720 00920 6140 Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 010.33
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: TENNESSEE RIVER BASIN Elevation: 0 Water Body Id:
Minor Basin: CHATTANOOGA CREEK 10.33 ECO Region:
RF1 Index: 06020001 RF1 Mile Point: 0.000 Distance from RF1: 2.80 On/Off RF1:
RF3 Index: 06020001008000.00 RF3 Mile Point: 1.89 Distance from RF3: 0.01 On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0060

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/27/69-12/03/69	12	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/27/69-12/03/69	12	12.55	13.267	23.3	4.8	34.741	5.894	5.52	8.225	18.725	22.49
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/27/69-12/03/69	12	13.5	64.667	250.	6.	6257.333	79.103	6.3	8.25	127.5	216.4
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/27/69-12/03/69	12	7.5	9.083	20.	4.	26.629	5.16	4.3	5.	13.75	18.5
00080	COLOR (PLATINUM-COBALT UNITS)	01/27/69-12/03/69	12	10.	17.708	50.	2.5	190.294	13.795	3.25	10.	28.75	44.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/27/69-12/03/69	12	270.	246.667	410.	120.	10115.152	100.574	123.	135.	317.5	395.
00300	OXYGEN, DISSOLVED MG/L	01/27/69-12/03/69	12	7.	7.25	11.9	4.	7.474	2.734	4.06	4.725	9.5	11.54
00310	BOD, 5 DAY, 20 DEG C MG/L	01/27/69-12/03/69	12	3.1	3.458	6.7	1.	4.619	2.149	1.03	1.35	5.775	6.61
00400	PH (STANDARD UNITS)	01/27/69-12/03/69	12	7.4	7.333	7.7	6.9	0.061	0.246	6.93	7.075	7.475	7.67
00400	CONVERTED PH (STANDARD UNITS)	01/27/69-12/03/69	12	7.4	7.265	7.7	6.9	0.066	0.256	6.93	7.075	7.475	7.67
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/27/69-12/03/69	12	0.04	0.054	0.126	0.02	0.001	0.034	0.022	0.034	0.088	0.118
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/27/69-12/03/69	12	104.5	92.917	170.	31.	2592.629	50.918	32.2	38.25	137.5	164.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/27/69-12/03/69	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	06/18/69-06/18/69	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/18/69-06/18/69	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/18/69-12/03/69	10	4100.	6408.	21000.	80.	42715751.111	6535.729	192.	2025.	10450.	20260.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/18/69-12/03/69	10	3.61	3.515	4.322	1.903	0.462	0.679	2.021	3.291	4.013	4.303
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3275.905								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/27/69-12/03/69	12	520.	1527.5	11800.	30.	10650638.636	3263.532	30.	177.5	1137.5	8638.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/27/69-12/03/69	12	2.716	2.655	4.072	1.477	0.542	0.736	1.477	2.095	3.054	3.78
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			452.129								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0060

				Total	Exceed	Prop.	----------6/01-10/31----------			----------11/01-2/29----------			----------3/01-5/31----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	12	0	0.00	5	0	0.00	4	0	0.00	3	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	12	1	0.08	5	1	0.20	4	0	0.00	3	0	0.00			
00400	PH	Fresh Chronic	9.	12	0	0.00	5	0	0.00	4	0	0.00	3	0	0.00			
		Other-Lo Lim.	6.5	12	0	0.00	5	0	0.00	4	0	0.00	3	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	10	9	0.90	5	4	0.80	2	2	1.00	3	3	1.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	12	9	0.75	5	3	0.60	4	3	0.75	3	3	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0061

NPS Station ID: CHCH0061
LAT/LON: 34.972504/ -85.327227
Agency: 131TVAC
Date Created: 10/04/80
Location: AT GAGING STATION
FIPS State/County: 13295 GEORGIA/WALKER
Station Type: /TYPA/AMBNT/STREAM/SOLIDS
STORET Station ID(s): 130009
RMI-Indexes: 1021500 007720 00920 6140
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 009.10
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: CHATTANOOGA CREEK 9.1
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 06020001000905.28
RF3 Mile Point: 5.67
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/10/80-09/10/80	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/10/80-09/10/80	1	22.	22.	22.	22.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/10/80-09/10/80	1	280.	280.	280.	280.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/10/80-09/10/80	1	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/10/80-09/10/80	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/10/80-09/10/80	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/10/80-09/10/80	1	0.126	0.126	0.126	0.126	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/10/80-09/10/80	1	100.	100.	100.	100.	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	09/10/80-09/10/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	09/10/80-09/10/80	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	09/10/80-09/10/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	09/11/80-09/11/80	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	09/11/80-09/11/80	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/11/80-09/11/80	1 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/11/80-09/11/80	1	21.	21.	21.	21.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/10/80-09/10/80	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/10/80-09/10/80	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/11/80-09/11/80	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/10/80-09/10/80	1 ##	250.	250.	250.	250.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/11/80-09/11/80	1	7.04	7.04	7.04	7.04	0.	0.	**	**	**	**
01059	THALLIUM, TOTAL (UG/L AS TL)	09/10/80-09/10/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	09/10/80-09/10/80	1 ##	75.	75.	75.	75.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/11/80-09/11/80	1	10.3	10.3	10.3	10.3	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	09/10/80-09/10/80	1 ##	30.	30.	30.	30.	0.	0.	**	**	**	**
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	09/11/80-09/11/80	1 ##	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/10/80-09/10/80	1	19.	19.	19.	19.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	09/11/80-09/11/80	1	25.	25.	25.	25.	0.	0.	**	**	**	**
01097	ANTIMONY, TOTAL (UG/L AS SB)	09/10/80-09/10/80	1 ##	250.	250.	250.	250.	0.	0.	**	**	**	**
01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	09/11/80-09/11/80	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	09/10/80-09/10/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	09/11/80-09/11/80	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
32104	BROMOFORM,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
32106	CHLOROFORM,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34200	ACENAPHTHYLENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34205	ACENAPHTHENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34208	ACENAPHTHENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34210	ACROLEIN TOTWUG/L	09/10/80-09/10/80	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
34213	ACROLEIN DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
34215	ACRYLONITRILE TOTWUG/L	09/10/80-09/10/80	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
34218	ACRYLONITRILE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
34220	ANTHRACENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34223	ANTHRACENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34237	BENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34247	BENZO-A-PYRENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34257	B-BHC-BETA DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34262	DELTA BENZENE HEXACHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34268	BIS (CHLOROMETHYL) ETHER TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34271	BIS (CHLOROMETHYL) ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34290	BROMOFORM DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34295	N-BUTYL BENZYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34299	CARBON TETRACHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34301	CHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34304	CHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1	13.	13.	13.	13.	0.	0.	**	**	**	**
34309	CHLORODIBROMOMETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34311	CHLOROETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34314	CHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34318	CHLOROFORM DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34320	CHRYSENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34323	CHRYSENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34330	DICHLOROBROMOMETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34334	DICHLORODIFLUOROMETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34336	DIETHYL PHTHALATE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34341	DIMETHYL PHTHALATE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34346	1,2-DIPHENYLHYDRAZINE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34349	1,2-DIPHENYLHYDRAZINE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34351	ENDOSULFAN SULFATE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34356	ENDOSULFAN, BETA TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34361	ENDOSULFAN, ALPHA TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34366	ENDRIN ALDEHYDE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34374	ETHYLBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34376	FLUORANTHENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34379	FLUORANTHENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34381	FLUORENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34384	FLUORENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34391	HEXACHLOROBUTADIENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34396	HEXACHLOROETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34408	ISOPHORONE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34411	ISOPHORONE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34413	METHYL BROMIDE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34416	METHYL BROMIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34418	METHYL CHLORIDE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34421	METHYL CHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34423	METHYLENE CHLORIDE TOTWUG/L	09/10/80-09/10/80	1	57.	57.	57.	57.	0.	0.	**	**	**	**
34426	METHYLENE CHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34433	N-NITROSODIPHENYLAMINE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34438	N-NITROSODIMETHYLAMINE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34441	N-NITROSODIMETHYLAMINE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34445	NAPHTHALENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34447	NITROBENZENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34450	NITROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34452	PARACHLOROMETA CRESOL TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34455	PARACHLOROMETA CRESOL DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34461	PHENANTHRENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34464	PHENANTHRENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34469	PYRENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34472	PYRENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34475	TETRACHLOROETHYLENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34478	TETRACHLOROETHYLENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34480	THALLIUM DRY WGTBOTMG/KG	09/11/80-09/11/80	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34483	TOLUENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34487	TRICHLOROETHYLENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34491	TRICHLOROFLUOROMETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34495	VINYL CHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34496	1,1-DICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34499	1,1-DICHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34501	1,1-DICHLOROETHYLENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34504	1,1-DICHLOROETHYLENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34509	1,1,1-TRICHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34514	1,1,2-TRICHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34519	1,1,2,2-TETRACHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34531	1,2-DICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34534	1,2-DICHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34536	1,2-DICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34541	1,2-DICHLOROPROPANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34544	1,2-DICHLOROPROPANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34549	TRANS-1,2-DICHLOROETHENE, IN SED. DRY WT. UG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34564	1,3-DICHLOROPROPENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34566	1,3-DICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34571	1,4-DICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34579	2-CHLOROETHYL VINYL ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34581	2-CHLORONAPHTHALENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34586	2-CHLOROPHENOL TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34589	2-CHLOROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34591	2-NITROPHENOL TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34594	2-NITROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34596	DI-N-OCTYL PHTHALATE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34601	2,4-DICHLOROPHENOL TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34604	2,4-DICHLOROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34606	2,4-DIMETHYLPHENOL TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34611	2,4-DINITROTOLUENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34614	2,4-DINITROTOLUENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34616	2,4-DINITROPHENOL TOTWUG/L	09/10/80-09/10/80	1 ##	125.	125.	125.	125.	0.	0.	**	**	**	**
34619	2,4-DINITROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34624	2,4,6-TRICHLOROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34626	2,6-DINITROTOLUENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34629	2,6-DINITROTOLUENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34634	3,3'-DICHLOROBENZIDINE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34639	4-BROMOPHENYL PHENYL ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34644	4-CHLOROPHENYL PHENYL ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34646	4-NITROPHENOL TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34649	4-NITROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	09/10/80-09/10/80	1 ##	125.	125.	125.	125.	0.	0.	**	**	**	**
34660	DNOC (4,6-DINITRO-ORTHO-CRESOL) DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34668	DICHLORODIFUOROMETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34671	PCB - 1016 TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34695	PHENOL(C6H5OH)-SINGLE COMPOUND DRY WGTTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34696	NAPHTHALENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	09/10/80-09/10/80	1	13.07	13.07	13.07	13.07	0.	0.	**	**	**	**
39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39121	BENZIDINE IN BOTTOM DEPOS UG/KG DRY SOLIDS	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	09/10/80-09/10/80	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/11/80-09/11/80	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
77161	1,2-DICHLOROPROPENE WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0061

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	1	1.00	1	1	1.00									
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00720	CYANIDE, TOTAL	Fresh Acute	0.022	1	0	0.00	1	0	0.00									
		Drinking Water	0.2	1	0	0.00	1	0	0.00									
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	1	0	0.00	1	0	0.00									
		Drinking Water	4.	0 &	0	0.00												
01027	CADMIUM, TOTAL	Fresh Acute	3.9	0 &	0	0.00												
		Drinking Water	5.	0 &	0	0.00												
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	0 &	0	0.00												
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	0 &	0	0.00												
		Drinking Water	15.	0 &	0	0.00												
01059	THALLIUM, TOTAL	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	2.	0 &	0	0.00												

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0061

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01077	SILVER, TOTAL	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
01097	ANTIMONY, TOTAL	Fresh Acute	88.	0 &	0	0.00												
		Drinking Water	6.	0 &	0	0.00												
01147	SELENIUM, TOTAL	Fresh Acute	20.	0 &	0	0.00												
		Drinking Water	50.	1	0	0.00	1	0	0.00									
32101	BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32102	CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	0 &	0	0.00												
32104	BROMOFORM, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32105	DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32106	CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	1	0	0.00	1	0	0.00									
		Drinking Water	1000.	1	0	0.00	1	0	0.00									
34205	ACENAPHTHENE, TOTAL	Fresh Acute	1700.	1	0	0.00	1	0	0.00									
34210	ACROLEIN, TOTAL	Fresh Acute	68.	1	0	0.00	1	0	0.00									
34215	ACRYLONITRILE, TOTAL	Fresh Acute	7550.	1	0	0.00	1	0	0.00									
34301	CHLOROBENZENE, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
34346	1,2-DIPHENYLHYDRAZINE, TOTAL	Fresh Acute	270.	1	0	0.00	1	0	0.00									
34356	ENDOSULFAN, BETA, TOTAL	Fresh Acute	0.22	0 &	0	0.00												
34361	ENDOSULFAN, ALPHA, TOTAL	Fresh Acute	0.22	0 &	0	0.00												
34371	ETHYLBENZENE, TOTAL	Fresh Acute	32000.	1	0	0.00	1	0	0.00									
		Drinking Water	700.	1	0	0.00	1	0	0.00									
34376	FLUORANTHENE, TOTAL	Fresh Acute	3980.	1	0	0.00	1	0	0.00									
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL	Fresh Acute	7.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
34391	HEXACHLOROBUTADIENE, TOTAL	Fresh Acute	90.	1	0	0.00	1	0	0.00									
34396	HEXACHLOROETHANE, TOTAL	Fresh Acute	980.	1	0	0.00	1	0	0.00									
34403	INDENO (1,2,3-CD) PYRENE, TOTAL	Drinking Water	0.4	0 &	0	0.00												
34408	ISOPHORONE, TOTAL	Fresh Acute	117000.	1	0	0.00	1	0	0.00									
34423	METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	1	1	1.00	1	1	1.00									
34447	NITROBENZENE, TOTAL	Fresh Acute	27000.	1	0	0.00	1	0	0.00									
34452	PARACHLOROMETA CRESOL, TOTAL	Fresh Acute	30.	1	0	0.00	1	0	0.00									
34461	PHENANTHRENE, TOTAL	Fresh Acute	30.	1	0	0.00	1	0	0.00									
34475	TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	0 &	0	0.00												
34501	1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	1	0	0.00	1	0	0.00									
34506	1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	1	0	0.00	1	0	0.00									
34511	1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	0 &	0	0.00												
34531	1,2-DICHLOROETHANE, TOTAL	Fresh Acute	118000.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	0 &	0	0.00												
34536	1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00	1	0	0.00									
34541	1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	0 &	0	0.00												
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	1	0	0.00	1	0	0.00									
34551	1,2,4-TRICHLOROBENZENE, TOTAL	Drinking Water	70.	1	0	0.00	1	0	0.00									
34566	1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00	1	0	0.00									
34571	1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	1	0	0.00	1	0	0.00									
34586	2-CHLOROPHENOL, TOTAL	Fresh Acute	4380.	1	0	0.00	1	0	0.00									
34601	2,4-DICHLOROPHENOL, TOTAL	Fresh Acute	2020.	1	0	0.00	1	0	0.00									
34606	2,4-DIMETHYLPHENOL, TOTAL	Fresh Acute	2120.	1	0	0.00	1	0	0.00									
34611	2,4-DINITROTOLUENE, TOTAL	Fresh Acute	330.	1	0	0.00	1	0	0.00									
34694	PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	Fresh Acute	10200.	1	0	0.00	1	0	0.00									
34696	NAPHTHALENE, TOTAL	Fresh Acute	2300.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0061

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	1.	0 &	0	0.00												
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	Fresh Acute	2000.	1	0	0.00	1	0	0.00									
		Drinking Water	6.	1	1	1.00	1	1	1.00									
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	0 &	0	0.00												
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	0 &	0	0.00												
39300	P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	0 &	0	0.00												
39310	P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	0 &	0	0.00												
39320	P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	1	0	0.00	1	0	0.00									
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	0 &	0	0.00												
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	0 &	0	0.00												
		Drinking Water	0.2	0 &	0	0.00												
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	0 &	0	0.00												
		Drinking Water	2.	0 &	0	0.00												
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	0 &	0	0.00												
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	0 &	0	0.00												
		Drinking Water	2.	0 &	0	0.00												
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	0 &	0	0.00												
		Drinking Water	3.	0 &	0	0.00												
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	0 &	0	0.00												
		Drinking Water	0.4	0 &	0	0.00												
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	0 &	0	0.00												
		Drinking Water	0.2	0 &	0	0.00												
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	1	0	0.00	1	0	0.00									
		Drinking Water	1.	0 &	0	0.00												
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0062

NPS Station ID: CHCH0062
LAT/LON: 34.972781/ -85.327781
Agency: 1113S000
Date Created: / /
Location: CHATTOOGA CREEK OFF BURNTMILL ROAD AT MILE 8.8
FIPS State/County: 13295 GEORGIA/WALKER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 130234 /TR-C-9.5
RMI-Indexes: 1021500 007720 00920 6140
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 008.80
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: COOSA RIVER BASIN
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 06020001124701.76
RF3 Mile Point: 1.75
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/27/73-03/07/73	7	1.	1.	1.	1.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/27/73-03/07/73	7	11.5	11.214	14.	8.5	4.571	2.138	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	02/27/73-03/07/73	7	59.	110.	259.	47.	6519.667	80.744	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/27/73-03/07/73	7	7.5	20.329	84.	5.8	807.439	28.415	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/27/73-03/07/73	7	132.	132.	162.	105.	583.333	24.152	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	02/27/73-03/07/73	7	9.8	9.886	11.4	9.	0.735	0.857	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	02/27/73-03/07/73	7	2.3	2.171	3.3	1.1	0.579	0.761	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	02/27/73-03/02/73	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	02/27/73-03/07/73	7	7.2	7.229	7.4	7.1	0.009	0.095	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/27/73-03/07/73	7	7.2	7.22	7.4	7.1	0.009	0.096	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/27/73-03/07/73	7	0.063	0.06	0.079	0.04	0.	0.012	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	02/27/73-03/07/73	7	7.6	7.543	7.6	7.4	0.006	0.079	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	02/27/73-03/07/73	7	7.6	7.536	7.6	7.4	0.006	0.079	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/27/73-03/07/73	7	0.025	0.029	0.04	0.025	0.	0.006	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/27/73-03/07/73	7	56.	54.143	66.	42.	75.143	8.668	**	**	**	**
00435	ACIDITY, TOTAL (MG/L AS CACO3)	02/27/73-03/07/73	7	2.	1.929	4.	0.5	1.536	1.239	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/27/73-03/07/73	7	0.02	0.024	0.04	0.01	0.	0.015	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/27/73-03/07/73	7	0.17	0.147	0.2	0.05	0.002	0.049	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/27/73-03/07/73	7	0.23	0.229	0.27	0.19	0.001	0.027	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/27/73-03/07/73	7	0.14	0.127	0.22	0.05	0.003	0.056	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/27/73-03/07/73	7	2.	2.571	5.	1.	1.619	1.272	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	02/27/73-03/07/73	7 ##	14.5	21.	60.	14.5	295.75	17.197	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/27/73-03/07/73	7 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	02/27/73-03/07/73	7 ##	5.	6.429	10.	5.	5.952	2.44	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	02/27/73-03/07/73	7	400.	1104.286	4500.	270.	2336395.238	1528.527	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	02/27/73-03/07/73	7 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	02/27/73-03/07/73	7	62.	70.857	109.	45.	443.81	21.067	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	02/27/73-03/07/73	7 ##	40.	40.	40.	40.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	02/27/73-03/07/73	7	15.	17.143	28.	10.	31.81	5.64	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/27/73-03/07/73	7	2300.	11442.857	54000.	1300.	368332857.143	19192.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/27/73-03/07/73	7	3.362	3.677	4.732	3.114	0.32	0.566	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			4748.133								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/27/73-03/07/73	7	790.	2262.857	7000.	170.	6075590.476	2464.871	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/27/73-03/07/73	7	2.898	3.085	3.845	2.23	0.318	0.564	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1217.397								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	02/27/73-03/07/73	7	20.	18.286	25.	10.	36.571	6.047	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0062

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	7	1	0.14				2	0	0.00	5	1	0.20			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	7	0	0.00				2	0	0.00	5	0	0.00			
00400	PH	Fresh Chronic	9.	7	0	0.00				2	0	0.00	5	0	0.00			
		Other-Lo Lim.	6.5	7	0	0.00				2	0	0.00	5	0	0.00			
00403	PH, LAB	Fresh Chronic	9.	7	0	0.00				2	0	0.00	5	0	0.00			
		Other-Lo Lim.	6.5	7	0	0.00				2	0	0.00	5	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	7	0	0.00				2	0	0.00	5	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	7	0	0.00				2	0	0.00	5	0	0.00			
		Drinking Water	50.	7	1	0.14				2	1	0.50	5	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	7	0	0.00				2	0	0.00	5	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	7	0	0.00				2	0	0.00	5	0	0.00			
		Drinking Water	1300.	7	0	0.00				2	0	0.00	5	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	7	0	0.00				2	0	0.00	5	0	0.00			
		Drinking Water	15.	0 &	0	0.00												
01067	NICKEL, TOTAL	Fresh Acute	1400.	7	0	0.00				2	0	0.00	5	0	0.00			
		Drinking Water	100.	7	0	0.00				2	0	0.00	5	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	7	0	0.00				2	0	0.00	5	0	0.00			
		Drinking Water	5000.	7	0	0.00				2	0	0.00	5	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	7	7	1.00				2	2	1.00	5	5	1.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	7	6	0.86				2	2	1.00	5	4	0.80			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0063

NPS Station ID: CHCH0063
LAT/LON: 34.973892/ -85.167781
Agency: 131TVAC
Date Created: / /
Location: WOOTEN ROAD BRIDGE
FIPS State/County: 13047 GEORGIA/CATOOSA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 120854
RMI-Indexes: 1021500 007720 00920 6180 0480
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 017.80 001.26
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: PEAVINE CREEK 1.26
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 2.10
On/Off RF1:
RF3 Index: 06020001001310.18
RF3 Mile Point: 10.18
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/28/69-12/03/69	12	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/28/69-12/03/69	12	14.85	14.117	24.4	5.	41.207	6.419	5.03	8.925	19.3	23.26
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/28/69-12/03/69	12	11.	22.917	54.	7.	333.356	18.258	7.3	8.5	44.25	52.2
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/28/69-12/03/69	12	17.5	22.25	90.	3.	543.114	23.305	3.6	9.25	25.	73.5
00080	COLOR (PLATINUM-COBALT UNITS)	01/28/69-12/03/69	12	17.5	17.917	35.	10.	52.083	7.217	10.	11.25	20.	32.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/28/69-12/03/69	12	255.	252.5	280.	220.	329.545	18.153	223.	235.	267.5	277.
00300	OXYGEN, DISSOLVED MG/L	01/28/69-12/03/69	12	8.3	9.15	11.9	6.7	3.183	1.784	6.94	7.85	10.925	11.87
00310	BOD, 5 DAY, 20 DEG C MG/L	01/28/69-12/03/69	12	1.4	1.85	5.3	0.5	1.83	1.353	0.5	1.	2.625	4.58
00400	PH (STANDARD UNITS)	01/28/69-12/03/69	12	7.85	7.867	8.	7.7	0.01	0.098	7.73	7.8	7.975	8.
00400	CONVERTED PH (STANDARD UNITS)	01/28/69-12/03/69	12	7.847	7.857	8.	7.7	0.01	0.099	7.73	7.8	7.975	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/28/69-12/03/69	12	0.014	0.014	0.02	0.01	0.	0.003	0.01	0.011	0.016	0.019
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/28/69-12/03/69	12	119.5	118.333	130.	100.	116.606	10.798	100.	111.25	129.75	130.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/28/69-12/03/69	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/28/69-12/03/69	11	700.	3420.909	21000.	160.	38315249.091	6189.931	164.	300.	3200.	18200.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/28/69-12/03/69	11	2.845	3.022	4.322	2.204	0.477	0.69	2.214	2.477	3.505	4.227
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1050.772								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/28/69-12/03/69	12	105.	1314.167	13900.	40.	15743044.697	3967.751	43.	62.5	265.	9940.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/28/69-12/03/69	12	2.017	2.233	4.143	1.602	0.49	0.7	1.631	1.795	2.423	3.754
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			171.012								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0063

				Total	Exceed	Prop.	----------6/01-10/31----------			----------11/01-2/29----------			----------3/01-5/31----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	12	1	0.08	5	0	0.00	4	0	0.00	3	1	0.33			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	12	0	0.00	5	0	0.00	4	0	0.00	3	0	0.00			
00400	PH	Fresh Chronic	9.	12	0	0.00	5	0	0.00	4	0	0.00	3	0	0.00			
		Other-Lo Lim.	6.5	12	0	0.00	5	0	0.00	4	0	0.00	3	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	11	5	0.45	5	4	0.80	3	0	0.00	3	1	0.33			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	12	4	0.33	5	3	0.60	4	0	0.00	3	1	0.33			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0064

NPS Station ID: CHCH0064
LAT/LON: 34.976670/ -85.144448
Agency: 131TVAC
Date Created: / /
Location: ABOVE SWANSON MILL DAM NEAR STREAM GAGE
FIPS State/County: 13047 GEORGIA/CATOOSA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 120818
RMI-Indexes: 1021500 007720 00920 6180
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 019.51
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: SOUTH CHICKAMAUGA CREEK 19.51
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 2.00
On/Off RF1:
RF3 Index: 06020001001400.00
RF3 Mile Point: 0.00
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0064

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/06/67-12/04/69	13	1.	0.923	1.	0.	0.077	0.277	0.4	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/06/67-12/04/69	13	18.3	16.292	25.6	5.8	44.194	6.648	6.84	9.4	22.05	25.12
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/25/69-12/04/69	11	102.	115.455	199.	83.	1872.273	43.27	83.	85.	123.	199.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/25/69-12/04/69	11	10.	10.636	20.	2.	33.455	5.784	2.6	5.	15.	20.
00080	COLOR (PLATINUM-COBALT UNITS)	09/06/67-12/04/69	13	10.	9.231	20.	2.5	31.651	5.626	2.5	5.	15.	18.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/25/69-12/04/69	11	250.	240.	290.	200.	1000.	31.623	200.	210.	270.	286.
00300	OXYGEN, DISSOLVED MG/L	09/06/67-12/04/69	13	8.3	8.585	13.1	5.6	4.36	2.088	5.88	6.8	10.1	12.1
00304	BOD, 2 DAY, 20 DEG C MG/L	09/06/67-10/13/67	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/06/67-12/04/69	13	1.5	1.769	4.4	0.5	1.496	1.223	0.5	1.	2.	4.32
00400	PH (STANDARD UNITS)	09/06/67-12/04/69	13	7.9	7.977	8.6	7.5	0.119	0.344	7.54	7.7	8.25	8.56
00400	CONVERTED PH (STANDARD UNITS)	09/06/67-12/04/69	13	7.9	7.869	8.6	7.5	0.131	0.362	7.54	7.7	8.25	8.56
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/06/67-12/04/69	13	0.013	0.014	0.032	0.003	0.	0.009	0.003	0.006	0.02	0.029
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/25/69-12/04/69	11	110.	100.364	130.	65.	428.655	20.704	67.8	81.	120.	128.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	02/25/69-12/04/69	11	0.	1.091	10.	0.	9.091	3.015	0.	0.	0.	8.4
00500	RESIDUE, TOTAL (MG/L)	09/06/67-12/04/69	13	160.	159.231	200.	110.	474.359	21.78	122.	145.	170.	192.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/06/67-12/04/69	13	150.	145.385	180.	100.	460.256	21.454	108.	130.	160.	176.
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	02/25/69-12/04/69	11	0.25	0.275	0.48	0.21	0.007	0.084	0.21	0.22	0.29	0.46
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/25/69-12/04/69	11 ##	0.005	0.028	0.11	0.005	0.001	0.037	0.005	0.005	0.05	0.104
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	02/25/69-12/04/69	11	0.01	0.01	0.02	0.005	0.	0.005	0.005	0.005	0.01	0.02
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/25/69-12/04/69	11	0.29	0.275	0.47	0.05	0.022	0.147	0.054	0.09	0.38	0.464
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/25/69-12/04/69	11	0.068	0.064	0.098	0.016	0.001	0.023	0.021	0.049	0.082	0.095
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	02/25/69-12/04/69	11	0.049	0.046	0.078	0.007	0.	0.022	0.008	0.039	0.055	0.077
00916	CALCIUM, TOTAL (MG/L AS CA)	02/25/69-12/04/69	11	30.	29.455	35.	22.	16.673	4.083	22.6	26.	33.	34.8
00927	MAGNESIUM, TOTAL (MG/L AS MG)	02/25/69-12/04/69	11	10.	9.091	14.	4.5	10.591	3.254	4.7	6.	12.	13.8
00929	SODIUM, TOTAL (MG/L AS NA)	02/25/69-12/04/69	11	0.8	0.964	2.1	0.4	0.219	0.467	0.44	0.7	1.	1.98
00937	POTASSIUM, TOTAL MG/L AS K)	02/25/69-12/04/69	11	1.3	1.409	2.5	0.8	0.287	0.536	0.84	1.	2.	2.4
00940	CHLORIDE,TOTAL IN WATER MG/L	02/25/69-12/04/69	11	4.	4.273	5.	3.	0.618	0.786	3.	4.	5.	5.
00945	SULFATE, TOTAL (MG/L AS SO4)	02/25/69-12/04/69	11	15.	16.273	26.	8.	42.018	6.482	8.6	11.	25.	26.
00951	FLUORIDE, TOTAL (MG/L AS F)	02/25/69-12/04/69	11	0.08	0.074	0.09	0.05	0.	0.011	0.052	0.07	0.08	0.088
00956	SILICA, TOTAL (MG/L AS SI02)	02/25/69-12/04/69	11	7.6	6.973	8.9	2.3	3.632	1.906	2.92	6.	8.4	8.86
01045	IRON, TOTAL (UG/L AS FE)	02/25/69-12/04/69	11	160.	165.455	250.	70.	3187.273	56.456	76.	130.	200.	250.
01046	IRON, DISSOLVED (UG/L AS FE)	02/25/69-12/04/69	11	60.	75.909	200.	25.	2709.091	52.049	25.	25.	100.	180.
01047	IRON, FERROUS (UG/L AS FE)	02/25/69-12/04/69	11 ##	25.	25.	25.	25.	0.	0.	25.	25.	25.	25.
01055	MANGANESE, TOTAL (UG/L AS MN)	02/25/69-12/04/69	11	50.	51.818	140.	20.	1016.364	31.88	22.	30.	60.	124.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	02/25/69-12/04/69	10	20.	22.	40.	10.	106.667	10.328	10.	10.	30.	39.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/06/67-12/04/69	12	1950.	2292.5	4600.	10.	2589402.273	1609.162	37.	900.	3700.	4510.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/06/67-12/04/69	12	3.289	3.064	3.663	1.	0.635	0.797	1.3	2.928	3.568	3.654
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1158.535								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0064

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/06/67-12/04/69	12	100.	345.	1700.	5.	377095.455	614.081	5.	12.5	222.5	1670.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/06/67-12/04/69	12	2.	1.889	3.23	0.699	0.72	0.848	0.699	1.075	2.343	3.223
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			77.453								
46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	02/25/69-12/04/69	11	110.	107.636	140.	73.	478.055	21.864	76.	89.	130.	138.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0064

				Total	Exceed	Prop.	----------6/01-10/31----------			----------11/01-2/29----------			----------3/01-5/31----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	13	0	0.00	7	0	0.00	3	0	0.00	3	0	0.00			
00400	PH	Fresh Chronic	9.	13	0	0.00	7	0	0.00	3	0	0.00	3	0	0.00			
		Other-Lo Lim.	6.5	13	0	0.00	7	0	0.00	3	0	0.00	3	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
		Drinking Water	250.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	12	9	0.75	6	5	0.83	3	1	0.33	3	3	1.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	12	3	0.25	7	2	0.29	3	1	0.33	2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0065

NPS Station ID: CHCH0065 LAT/LON: 34.977504/ -85.145003 Agency: 112WRD Date Created: / /
Location: SOUTH CHICKAMAUGA CREEK AT GRAYSVILLE, GA. FIPS State/County: 13047 GEORGIA/CATOOSA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 03566800
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 06020001013 RF1 Mile Point: 1.580 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 06020001000712.66 RF3 Mile Point: 12.66 Distance from RF3: 0.01 On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0065

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/20/74-02/22/94	135	16.5	15.507	27.	1.	42.869	6.547	6.5	9.	22.	23.4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/22/75-02/22/94	125	18.	17.036	37.	-9.5	110.202	10.498	5.5	-2.75	26.	29.2
00025	BAROMETRIC PRESSURE (MM OF HG)	03/24/81-02/22/94	79	749.	748.861	763.	739.	20.532	4.531	743.	746.	752.	754.
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/20/74-02/22/94	130	162.5	299.654	2850.	31.	170301.856	412.676	60.	92.	362.5	589.
00065	STAGE, STREAM (FEET)	08/20/74-02/22/94	135	2.38	2.174	5.4	0.	2.876	1.696	0.092	0.39	3.73	4.138
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/20/74-09/28/83	72	10.	17.847	112.	3.	428.188	20.693	5.	7.	18.	43.4
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/30/83-02/22/94	61	8.	15.885	128.	2.	532.503	23.076	3.2	5.	19.	31.4
00080	COLOR (PLATINUM-COBALT UNITS)	08/20/74-09/24/80	28	5.	12.768	70.	2.5	231.176	15.204	2.5	5.	10.	31.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/20/74-02/22/94	122	225.	214.902	580.	70.	3763.99	61.351	131.3	174.5	252.	270.
00300p	OXYGEN, DISSOLVED MG/L	08/20/74-02/22/94	131	8.4	8.67	13.1	5.2	3.828	1.957	6.4	7.	10.2	11.56
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/24/81-01/26/83	12	92.	93.583	132.	63.	275.72	16.605	69.3	84.	99.25	125.1
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/20/74-02/22/94	130	0.8	0.969	3.6	0.05	0.361	0.601	0.3	0.5	1.4	1.69
00400p	PH (STANDARD UNITS)	08/20/74-02/22/94	129	7.8	7.753	8.3	7.	0.063	0.25	7.4	7.6	7.9	8.1
00400p	CONVERTED PH (STANDARD UNITS)	08/20/74-02/22/94	129	7.8	7.676	8.3	7.	0.068	0.262	7.4	7.6	7.9	8.1
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/20/74-02/22/94	129	0.016	0.021	0.1	0.005	0.	0.015	0.008	0.013	0.025	0.04
00403	PH, LAB, STANDARD UNITS SU	11/24/80-02/22/94	81	7.8	7.819	8.3	7.2	0.058	0.24	7.5	7.7	8.	8.1
00403	CONVERTED PH, LAB, STANDARD UNITS	11/24/80-02/22/94	81	7.8	7.752	8.3	7.2	0.062	0.249	7.5	7.7	8.	8.1
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/24/80-02/22/94	81	0.016	0.018	0.063	0.005	0.	0.011	0.008	0.01	0.02	0.032
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/20/74-09/24/80	41	98.	90.756	129.	40.	612.289	24.744	49.4	74.	109.5	117.6
00417	ALKALINITY,FIXED ENDPOINT TITRATION, USGS LAB MG/L	11/23/87-02/22/94	38	96.5	91.211	125.	35.	683.306	26.14	51.9	71.	113.25	122.1
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/28/90-03/28/90	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/20/74-02/22/94	133	0.03	0.04	0.5	0.01	0.003	0.054	0.01	0.015	0.05	0.076
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/20/74-02/22/94	133	0.41	0.416	1.02	0.03	0.028	0.168	0.2	0.29	0.515	0.612
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	08/20/74-02/22/94	132	0.06	0.087	0.78	0.01	0.012	0.108	0.03	0.04	0.1	0.157
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	08/20/74-02/22/94	130	2.35	3.943	34.	0.5	30.748	5.545	0.5	1.4	4.	7.37
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	09/23/91-09/23/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/20/74-07/25/90	108	110.	103.093	174.	33.	811.281	28.483	58.	84.	126.	134.2
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	11/30/82-05/25/88	34	12.	13.088	24.	0.	33.053	5.749	7.	8.	18.	21.
00903	HARDNESS,NON-CARBONATE,FIXED ENDPT. TIT. LAB MG/L	11/23/87-09/27/88	6	19.5	18.	27.	0.	94.4	9.716	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/23/91-09/23/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	09/23/91-09/23/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	09/23/91-09/23/91	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	09/23/91-09/23/91	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/23/91-09/23/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	09/23/91-09/23/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/23/91-09/23/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	09/23/91-09/23/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/23/91-09/23/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0065

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01040	COPPER, DISSOLVED (UG/L AS CU)	09/23/91-09/23/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/23/91-09/23/91	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	09/23/91-09/23/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/23/91-09/23/91	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01057	THALLIUM, DISSOLVED (UG/L AS TL)	09/23/91-09/23/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01059	THALLIUM, TOTAL (UG/L AS TL)	09/23/91-09/23/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	09/23/91-09/23/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	09/23/91-09/23/91	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	09/23/91-09/23/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	09/23/91-09/23/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	09/23/91-09/23/91	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/23/91-09/23/91	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	09/23/91-09/23/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01097	ANTIMONY, TOTAL (UG/L AS SB)	09/23/91-09/23/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	09/23/91-09/23/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	09/23/91-09/23/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/20/74-02/22/94	128	430.	2784.57	59000.	10.	57359674.027	7573.617	50.	130.	2275.	7900.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/20/74-02/22/94	128	2.633	2.688	4.771	1.	0.65	0.807	1.699	2.114	3.357	3.898
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			487.906								
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	09/23/91-09/23/91	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	09/23/91-09/23/91	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	09/23/91-09/23/91	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
32104	BROMOFORM,WHOLE WATER,UG/L	09/23/91-09/23/91	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	09/23/91-09/23/91	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
32106	CHLOROFORM,WHOLE WATER,UG/L	09/23/91-09/23/91	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/23/91-09/23/91	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/23/91-09/23/91	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34200	ACENAPHTHYLENE TOTWUG/L	09/23/91-09/23/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34205	ACENAPHTHENE TOTWUG/L	09/23/91-09/23/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34220	ANTHRACENE TOTWUG/L	09/23/91-09/23/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	09/23/91-09/23/91	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	09/23/91-09/23/91	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34247	BENZO-A-PYRENE TOTWUG/L	09/23/91-09/23/91	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	09/23/91-09/23/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	09/23/91-09/23/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	09/23/91-09/23/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	09/23/91-09/23/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34301	CHLOROBENZENE TOTWUG/L	09/23/91-09/23/91	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34311	CHLOROETHANE TOTWUG/L	09/23/91-09/23/91	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34320	CHRYSENE TOTWUG/L	09/23/91-09/23/91	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34336	DIETHYL PHTHALATE TOTWUG/L	09/23/91-09/23/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34341	DIMETHYL PHTHALATE TOTWUG/L	09/23/91-09/23/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	09/23/91-09/23/91	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34376	FLUORANTHENE TOTWUG/L	09/23/91-09/23/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34381	FLUORENE TOTWUG/L	09/23/91-09/23/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	09/23/91-09/23/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34396	HEXACHLOROETHANE TOTWUG/L	09/23/91-09/23/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	09/23/91-09/23/91	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34408	ISOPHORONE TOTWUG/L	09/23/91-09/23/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34413	METHYL BROMIDE TOTWUG/L	09/23/91-09/23/91	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34418	METHYL CHLORIDE TOTWUG/L	09/23/91-09/23/91	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34423	METHYLENE CHLORIDE TOTWUG/L	09/23/91-09/23/91	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	09/23/91-09/23/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34433	N-NITROSODIPHENYLAMINE TOTWUG/L	09/23/91-09/23/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34438	N-NITROSODIMETHYLAMINE TOTWUG/L	09/23/91-09/23/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34447	NITROBENZENE TOTWUG/L	09/23/91-09/23/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34452	PARACHLOROMETA CRESOL TOTWUG/L	09/23/91-09/23/91	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
34461	PHENANTHRENE TOTWUG/L	09/23/91-09/23/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34469	PYRENE TOTWUG/L	09/23/91-09/23/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34475	TETRACHLOROETHYLENE TOTWUG/L	09/23/91-09/23/91	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	09/23/91-09/23/91	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34496	1,1-DICHLOROETHANE TOTWUG/L	09/23/91-09/23/91	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34501	1,1-DICHLOROETHYLENE TOTWUG/L	09/23/91-09/23/91	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0065

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	09/23/91-09/23/91	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	09/23/91-09/23/91	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	09/23/91-09/23/91	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	09/23/91-09/23/91	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	09/23/91-09/23/91	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34536	1,2-DICHLOROBENZENE TOTWUG/L	09/23/91-09/23/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34541	1,2-DICHLOROPROPANE TOTWUG/L	09/23/91-09/23/91	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	09/23/91-09/23/91	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	09/23/91-09/23/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	09/23/91-09/23/91	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34561	1,3-DICHLOROPROPENE TOTWUG/L	09/23/91-09/23/91	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34566	1,3-DICHLOROBENZENE TOTWUG/L	09/23/91-09/23/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34571	1,4-DICHLOROBENZENE TOTWUG/L	09/23/91-09/23/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	09/23/91-09/23/91	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34581	2-CHLORONAPHTHALENE TOTWUG/L	09/23/91-09/23/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34586	2-CHLOROPHENOL TOTWUG/L	09/23/91-09/23/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34591	2-NITROPHENOL TOTWUG/L	09/23/91-09/23/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34596	DI-N-OCTYL PHTHALATE TOTWUG/L	09/23/91-09/23/91	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34601	2,4-DICHLOROPHENOL TOTWUG/L	09/23/91-09/23/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34606	2,4-DIMETHYLPHENOL TOTWUG/L	09/23/91-09/23/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34611	2,4-DINITROTOLUENE TOTWUG/L	09/23/91-09/23/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34616	2,4-DINITROPHENOL TOTWUG/L	09/23/91-09/23/91	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	09/23/91-09/23/91	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34626	2,6-DINITROTOLUENE TOTWUG/L	09/23/91-09/23/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	09/23/91-09/23/91	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	09/23/91-09/23/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	09/23/91-09/23/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34646	4-NITROPHENOL TOTWUG/L	09/23/91-09/23/91	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	09/23/91-09/23/91	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
34668	DICHLORODIFUOROMETHANE TOTWUG/L	09/23/91-09/23/91	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34671	PCB - 1016 TOTWUG/L	09/23/91-09/23/91	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	09/23/91-09/23/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34696	NAPHTHALENE TOTWUG/L	09/23/91-09/23/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	09/23/91-09/23/91	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	09/23/91-09/23/91	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	09/23/91-09/23/91	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
39034	PERTHANE IN WHOLE WATER SAMPLE (UG/L)	09/23/91-09/23/91	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	09/23/91-09/23/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	09/23/91-09/23/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	09/23/91-09/23/91	1 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	09/23/91-09/23/91	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	09/23/91-09/23/91	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39250	NAPTHALENES, POLYCHLORINATED (UG/L)	09/23/91-09/23/91	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	09/23/91-09/23/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	09/23/91-09/23/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	09/23/91-09/23/91	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	09/23/91-09/23/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	09/23/91-09/23/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	09/23/91-09/23/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	09/23/91-09/23/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	09/23/91-09/23/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	09/23/91-09/23/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	09/23/91-09/23/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	09/23/91-09/23/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	09/23/91-09/23/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	09/23/91-09/23/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	09/23/91-09/23/91	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	09/23/91-09/23/91	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	09/23/91-09/23/91	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	09/23/91-09/23/91	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	09/23/91-09/23/91	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	09/23/91-09/23/91	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	09/23/91-09/23/91	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0065

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	09/23/91-09/23/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE(UG/L)	09/23/91-09/23/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39720	PICLORAM IN WHOLE WATER SAMPLE (UG/L)	09/23/91-09/23/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	09/23/91-09/23/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	09/23/91-09/23/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39755	MIREX, TOTAL (UG/L)	09/23/91-09/23/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	09/23/91-09/23/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	09/23/91-09/23/91	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	09/23/91-09/23/91	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77128	STYRENE WHOLE WATER,UG/L	09/23/91-09/23/91	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	09/23/91-09/23/91	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
81551	XYLENE WHL WATER SMPL UG/L	09/23/91-09/23/91	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82052	BANVEL (DICAMBA) WHOLE WATER,UG/L	09/23/91-09/23/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82183	2,4-DP (DICHLORPROP) TOTAL UG/L	09/23/91-09/23/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82626	1,2-DIPHENYLHYDRAZINE,WATER,TOTAL RECOVERABLE,UG/L	09/23/91-09/23/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0065

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	72	4	0.06	32	4	0.13	24	0	0.00	16	0	0.00			
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	61	3	0.05	22	0	0.00	21	2	0.10	18	1	0.06			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	131	0	0.00	54	0	0.00	44	0	0.00	33	0	0.00			
00400	PH	Fresh Chronic	9.	129	0	0.00	54	0	0.00	43	0	0.00	32	0	0.00			
		Other-Lo Lim.	6.5	129	0	0.00	54	0	0.00	43	0	0.00	32	0	0.00			
00403	PH, LAB	Fresh Chronic	9.	81	0	0.00	30	0	0.00	27	0	0.00	24	0	0.00			
		Other-Lo Lim.	6.5	81	0	0.00	30	0	0.00	27	0	0.00	24	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	133	0	0.00	54	0	0.00	45	0	0.00	34	0	0.00			
00720	CYANIDE, TOTAL	Fresh Acute	0.022	1	0	0.00	1	0	0.00									
		Drinking Water	0.2	1	0	0.00	1	0	0.00									
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00	1	0	0.00									
		Drinking Water	4.	0 &	0	0.00												
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	1	0	0.00	1	0	0.00									
		Drinking Water	4.	0 &	0	0.00												
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00	1	0	0.00									
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	1	0	0.00	1	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	1	0	0.00	1	0	0.00									
01057	THALLIUM, DISSOLVED	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									
01059	THALLIUM, TOTAL	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	2.	0 &	0	0.00												

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0065

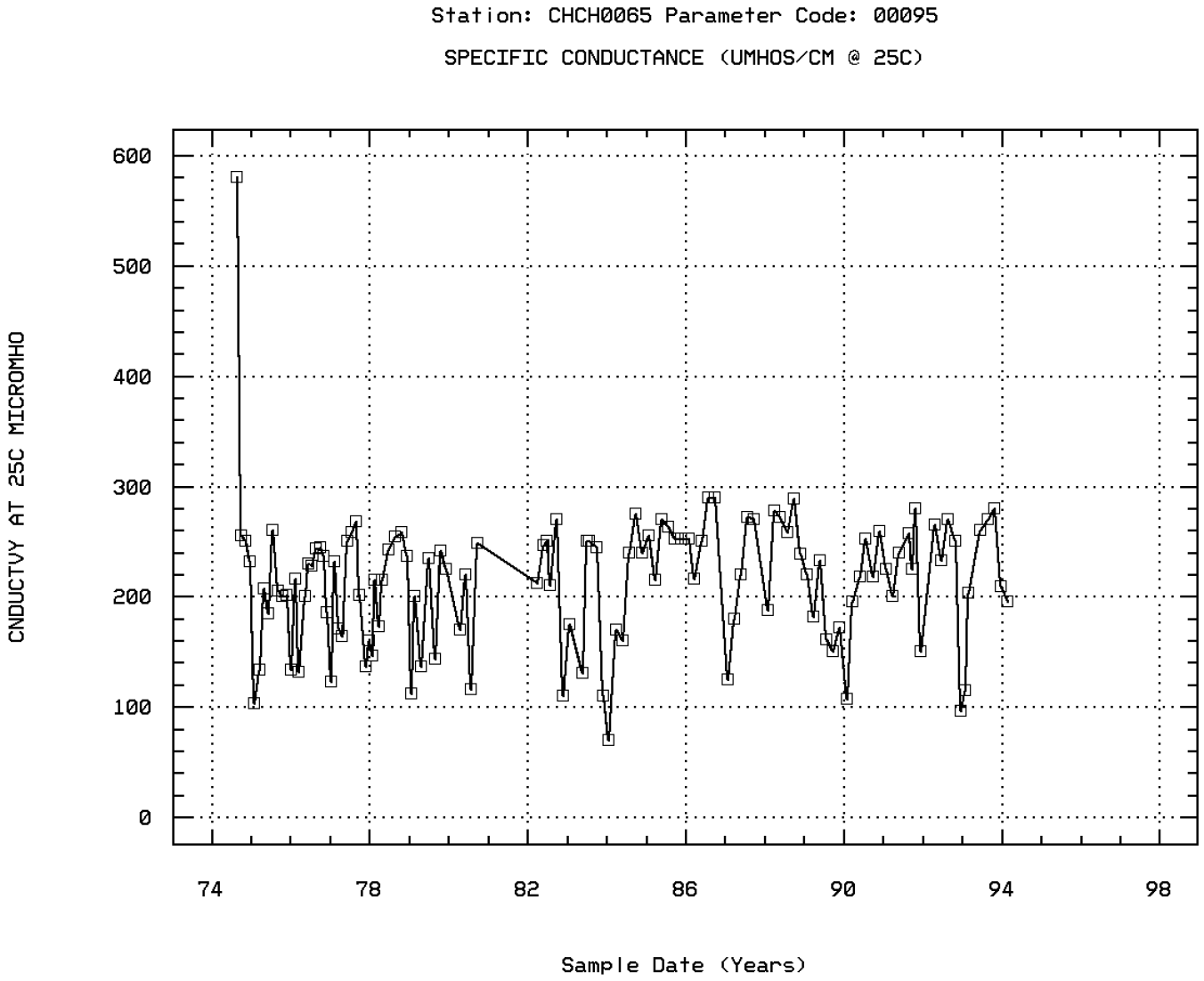
Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01077	SILVER, TOTAL	Fresh Acute	4.1	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
01095	ANTIMONY, DISSOLVED	Fresh Acute	88.	1	0	0.00	1	0	0.00									
		Drinking Water	6.	1	0	0.00	1	0	0.00									
01097	ANTIMONY, TOTAL	Fresh Acute	88.	1	0	0.00	1	0	0.00									
		Drinking Water	6.	1	0	0.00	1	0	0.00									
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01147	SELENIUM, TOTAL	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	128	84	0.66	52	34	0.65	44	29	0.66	32	21	0.66			
32101	BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32102	CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
32103	1,2-DICHLOROETHANE,WHOLE WATER	Fresh Acute	118000.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
32104	BROMOFORM, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32105	DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32106	CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	1	0	0.00	1	0	0.00									
		Drinking Water	1000.	1	0	0.00	1	0	0.00									
34205	ACENAPHTHENE, TOTAL	Fresh Acute	1700.	1	0	0.00	1	0	0.00									
34301	CHLOROBENZENE, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
34371	ETHYLBENZENE, TOTAL	Fresh Acute	32000.	1	0	0.00	1	0	0.00									
		Drinking Water	700.	1	0	0.00	1	0	0.00									
34376	FLUORANTHENE, TOTAL	Fresh Acute	3980.	1	0	0.00	1	0	0.00									
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL	Fresh Acute	7.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
34396	HEXACHLOROETHANE, TOTAL	Fresh Acute	980.	1	0	0.00	1	0	0.00									
34403	INDENO (1,2,3-CD) PYRENE, TOTAL	Drinking Water	0.4	0 &	0	0.00												
34408	ISOPHORONE, TOTAL	Fresh Acute	117000.	1	0	0.00	1	0	0.00									
34423	METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	1	0	0.00	1	0	0.00									
34447	NITROBENZENE, TOTAL	Fresh Acute	27000.	1	0	0.00	1	0	0.00									
34452	PARACHLOROMETA CRESOL, TOTAL	Fresh Acute	30.	1	0	0.00	1	0	0.00									
34461	PHENANTHRENE, TOTAL	Fresh Acute	30.	1	0	0.00	1	0	0.00									
34475	TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
34501	1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	1	0	0.00	1	0	0.00									
34506	1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	1	0	0.00	1	0	0.00									
34511	1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	1	0	0.00	1	0	0.00									
34536	1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00	1	0	0.00									
34541	1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	1	0	0.00	1	0	0.00									
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	1	0	0.00	1	0	0.00									
34551	1,2,4-TRICHLOROBENZENE, TOTAL	Drinking Water	70.	1	0	0.00	1	0	0.00									
34566	1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00	1	0	0.00									
34571	1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	1	0	0.00	1	0	0.00									
34586	2-CHLOROPHENOL, TOTAL	Fresh Acute	4380.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

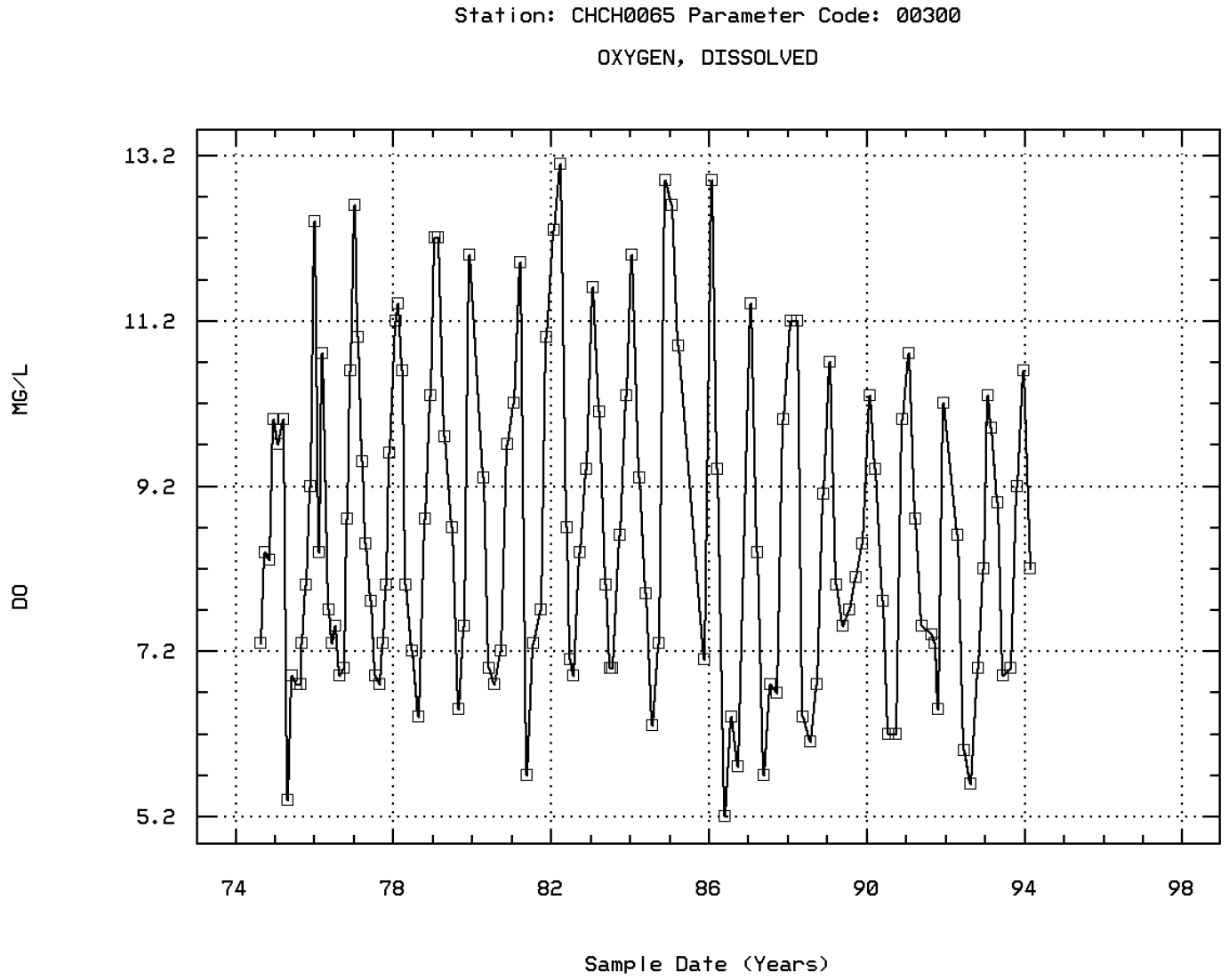
EPA Water Quality Criteria Analysis for Station: CHCH0065

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
34601	2,4-DICHLOROPHENOL, TOTAL	Fresh Acute	2020.	1	0	0.00	1	0	0.00									
34606	2,4-DIMETHYLPHENOL, TOTAL	Fresh Acute	2120.	1	0	0.00	1	0	0.00									
34611	2,4-DINITROTOLUENE, TOTAL	Fresh Acute	330.	1	0	0.00	1	0	0.00									
34694	PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	Fresh Acute	10200.	1	0	0.00	1	0	0.00									
34696	NAPHTHALENE, TOTAL	Fresh Acute	2300.	1	0	0.00	1	0	0.00									
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	1.	0 &	0	0.00												
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	Fresh Acute	2000.	1	0	0.00	1	0	0.00									
		Drinking Water	6.	1	0	0.00	1	0	0.00									
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	1	0	0.00	1	0	0.00									
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	1	0	0.00	1	0	0.00									
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	1	0	0.00	1	0	0.00									
		Drinking Water	0.2	1	0	0.00	1	0	0.00									
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									
39360	DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	1	0	0.00	1	0	0.00									
39365	DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	1	0	0.00	1	0	0.00									
39370	DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	1	0	0.00	1	0	0.00									
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	1	0	0.00	1	0	0.00									
39388	ENDOSULFAN IN WHOLE WATER SAMPLE	Fresh Acute	0.22	1	0	0.00	1	0	0.00									
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	1	0	0.00	1	0	0.00									
		Drinking Water	3.	1	0	0.00	1	0	0.00									
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	1	0	0.00	1	0	0.00									
		Drinking Water	0.4	1	0	0.00	1	0	0.00									
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	1	0	0.00	1	0	0.00									
		Drinking Water	0.2	1	0	0.00	1	0	0.00									
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	1	0	0.00	1	0	0.00									
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	1	0	0.00	1	0	0.00									
		Drinking Water	1.	0 &	0	0.00												
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPL	Fresh Acute	90.	1	0	0.00	1	0	0.00									
39720	PICLORAM IN WHOLE WATER SAMPLE	Drinking Water	500.	1	0	0.00	1	0	0.00									
39730	2,4-D IN WHOLE WATER SAMPLE	Drinking Water	70.	1	0	0.00	1	0	0.00									
39760	SILVEX IN WHOLE WATER SAMPLE	Drinking Water	50.	1	0	0.00	1	0	0.00									
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									
77128	STYRENE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
77651	1,2-DIBROMOETHANE, WHOLE WATER	Drinking Water	0.05	0 &	0	0.00												

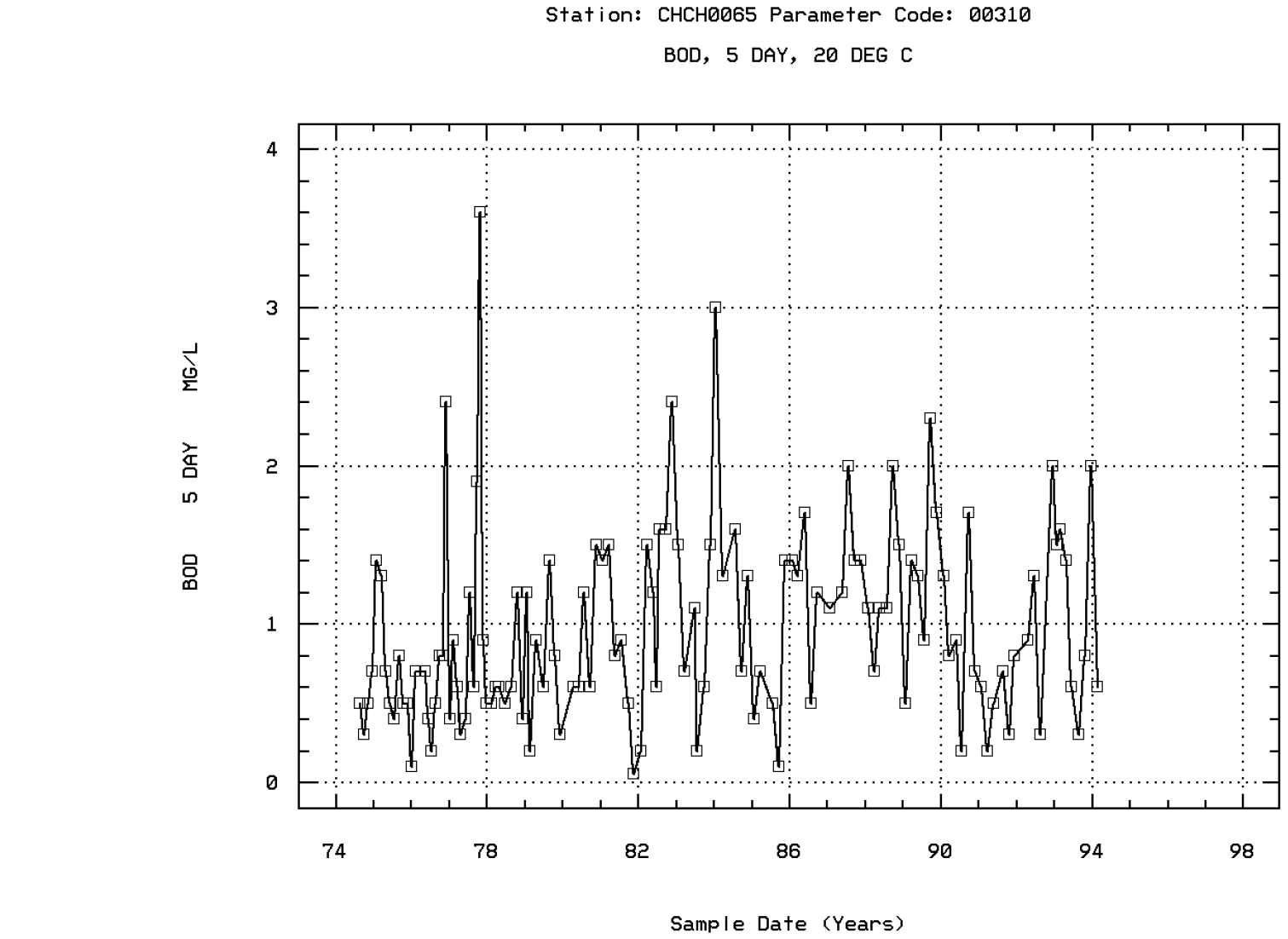
& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



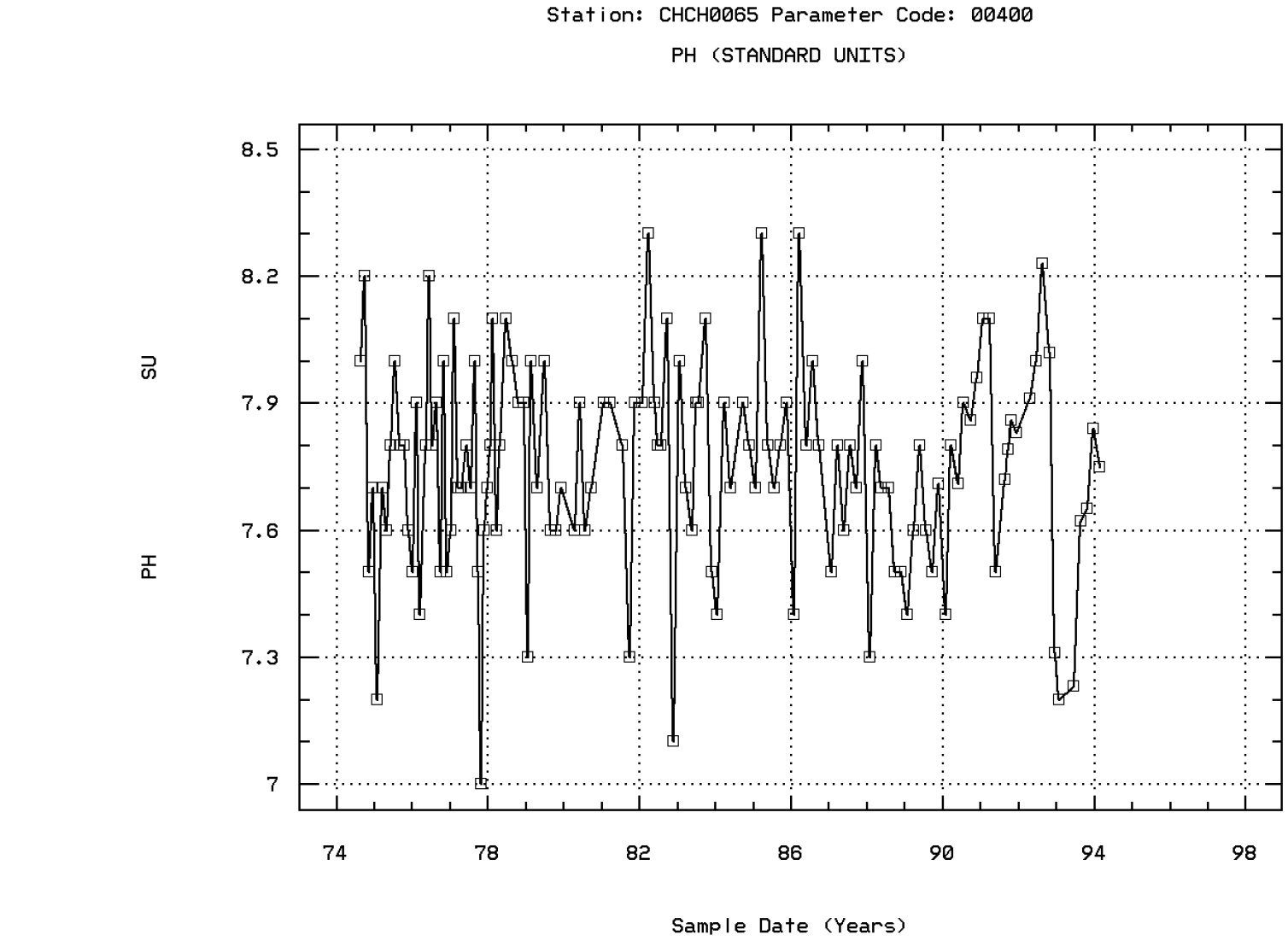
SOUTH CHICKAMAUGA CREEK AT GRAYSVILLE,



SOUTH CHICKAMAUGA CREEK AT GRAYSVILLE,



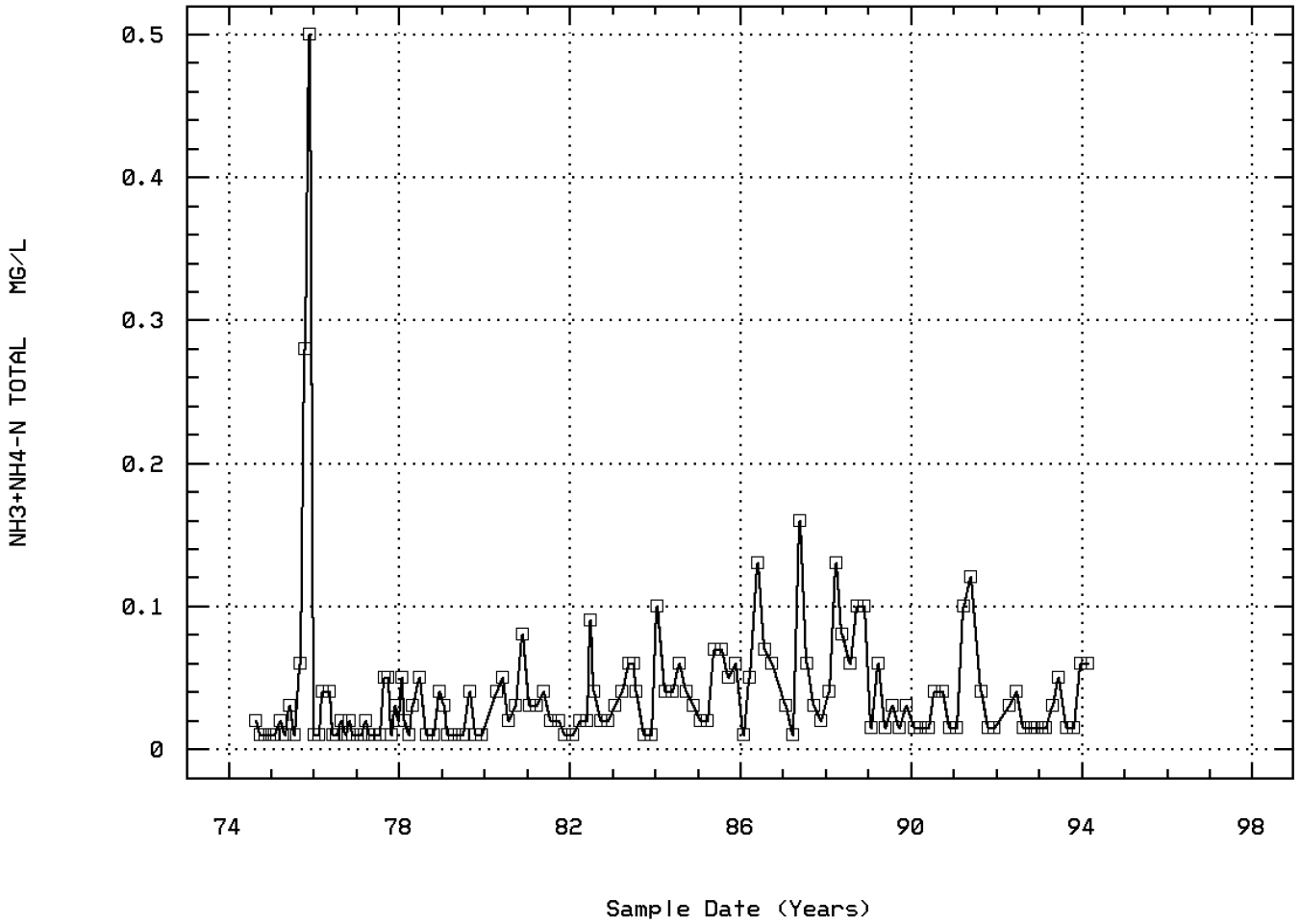
SOUTH CHICKAMAUGA CREEK AT GRAYSVILLE,



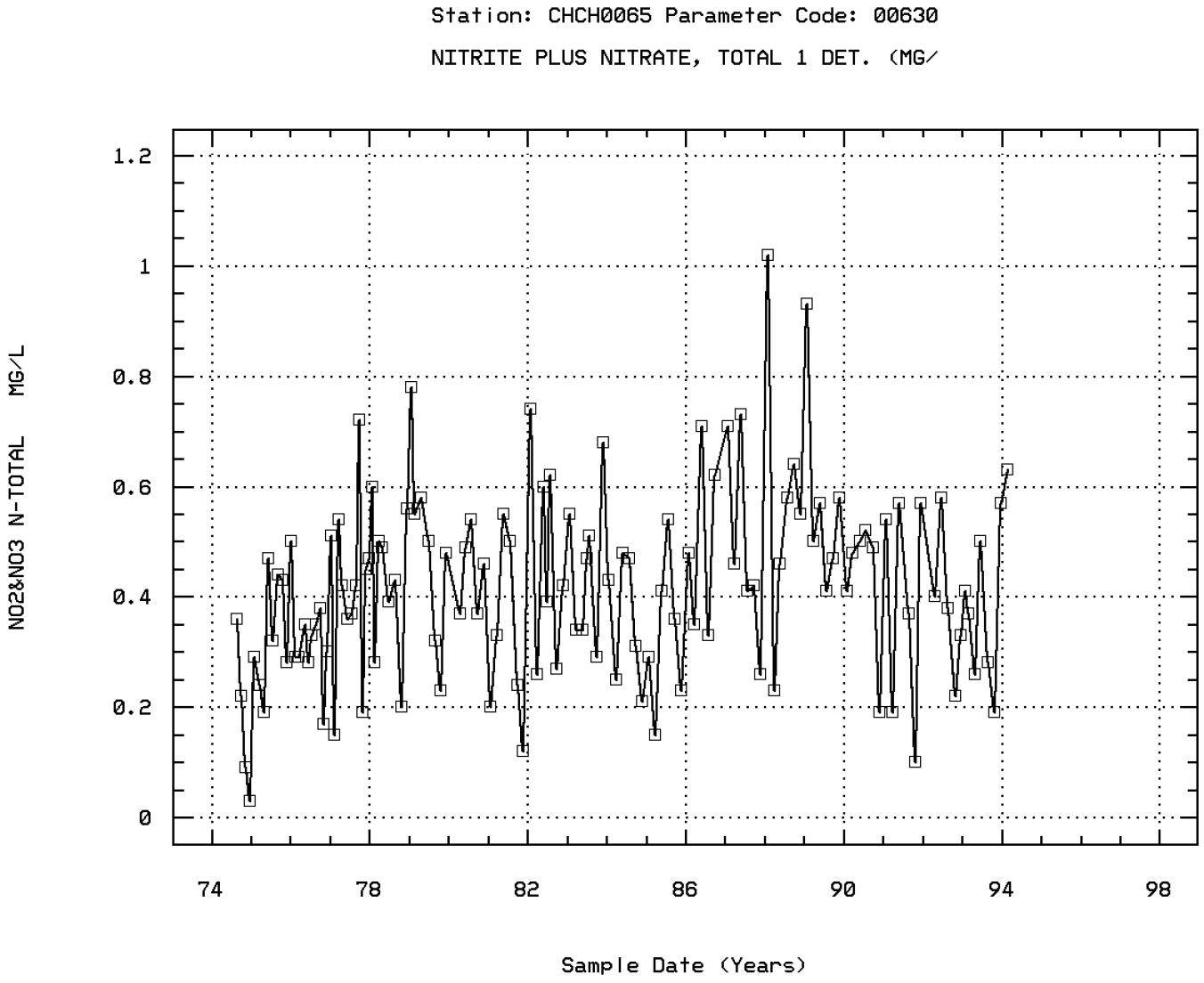
SOUTH CHICKAMAUGA CREEK AT GRAYSVILLE,

Station: CHCH0065 Parameter Code: 00610

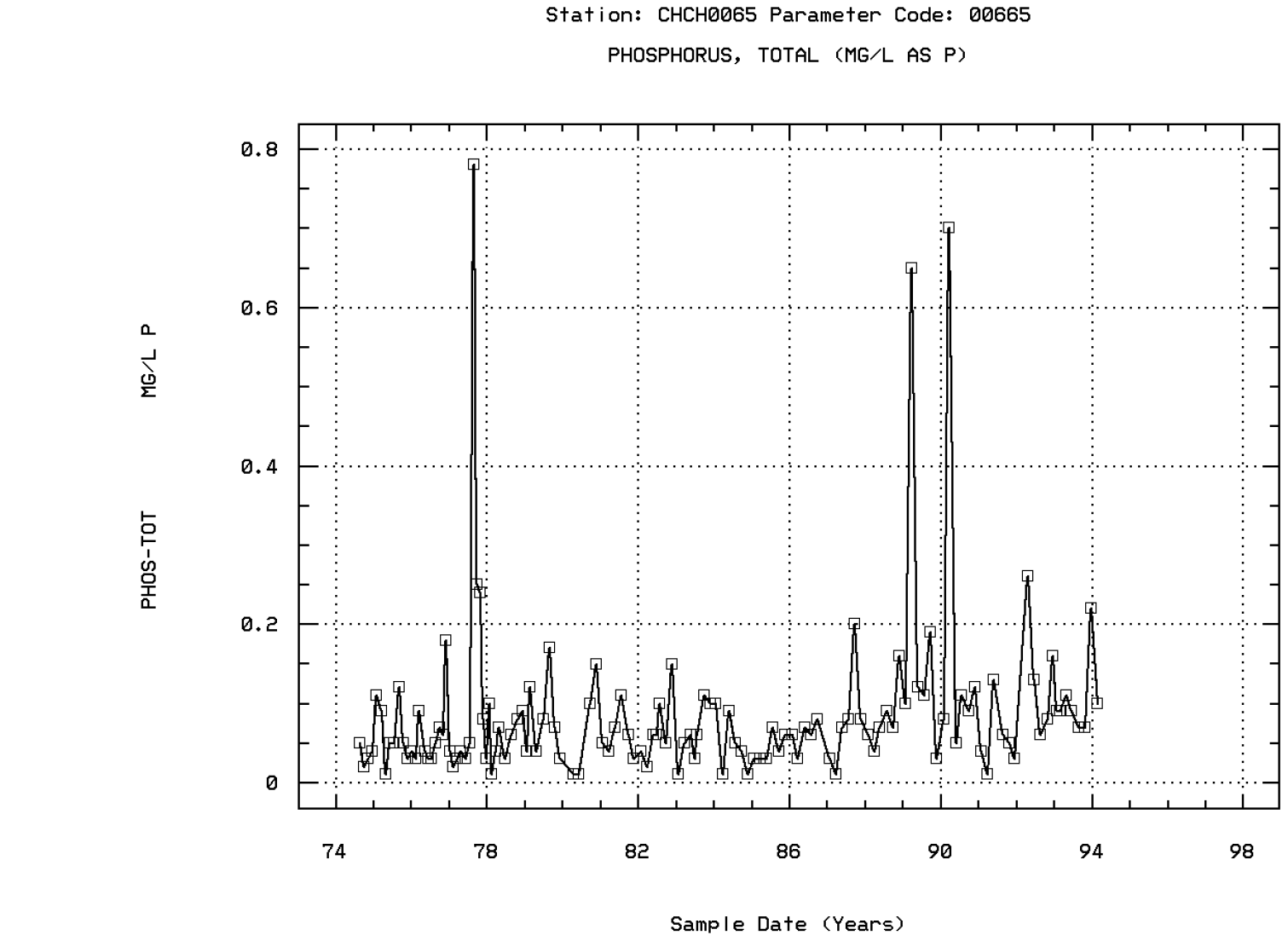
NITROGEN, AMMONIA, TOTAL (MG/L AS N)



SOUTH CHICKAMAUGA CREEK AT GRAYSVILLE,



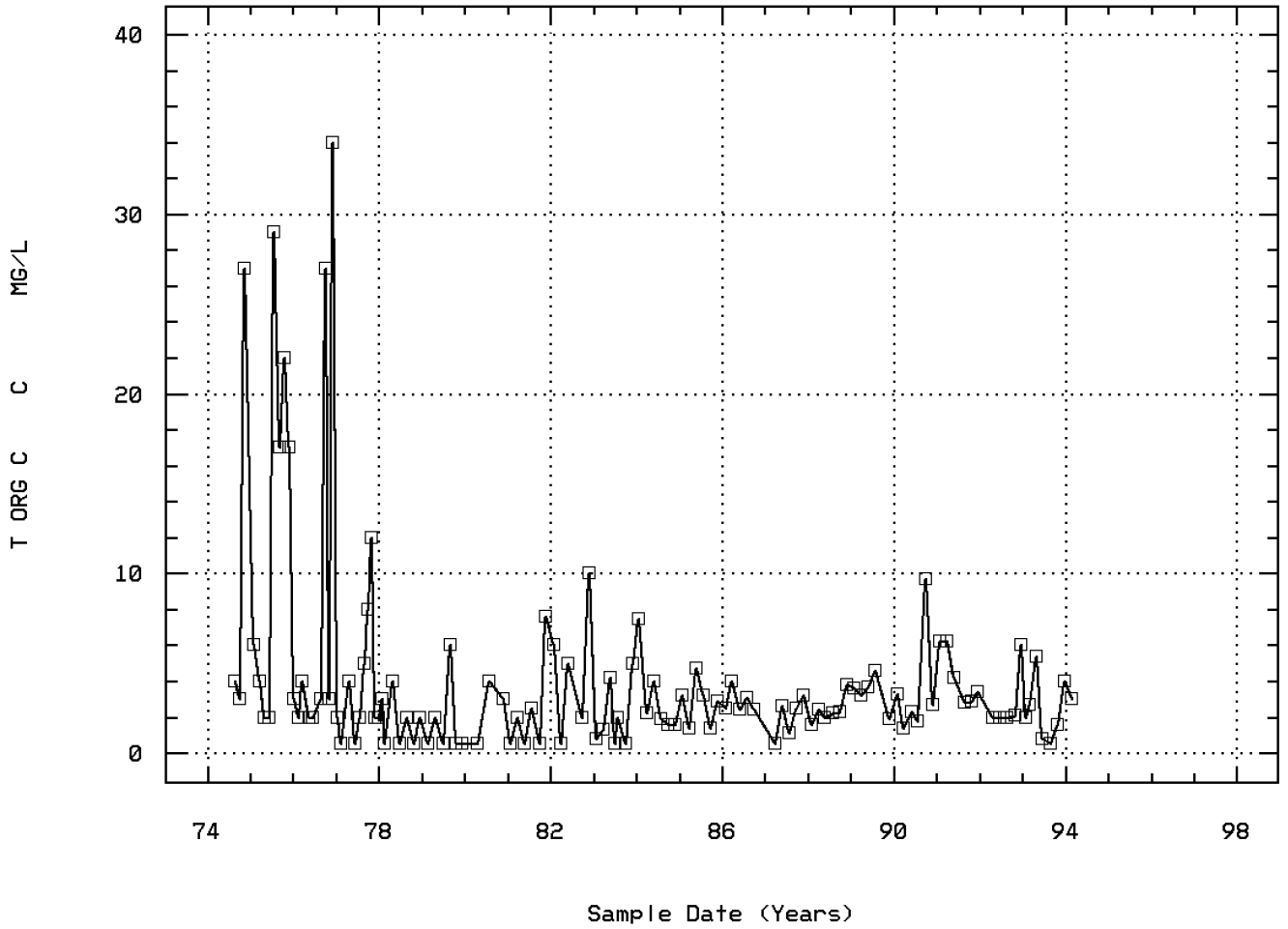
SOUTH CHICKAMAUGA CREEK AT GRAYSVILLE,



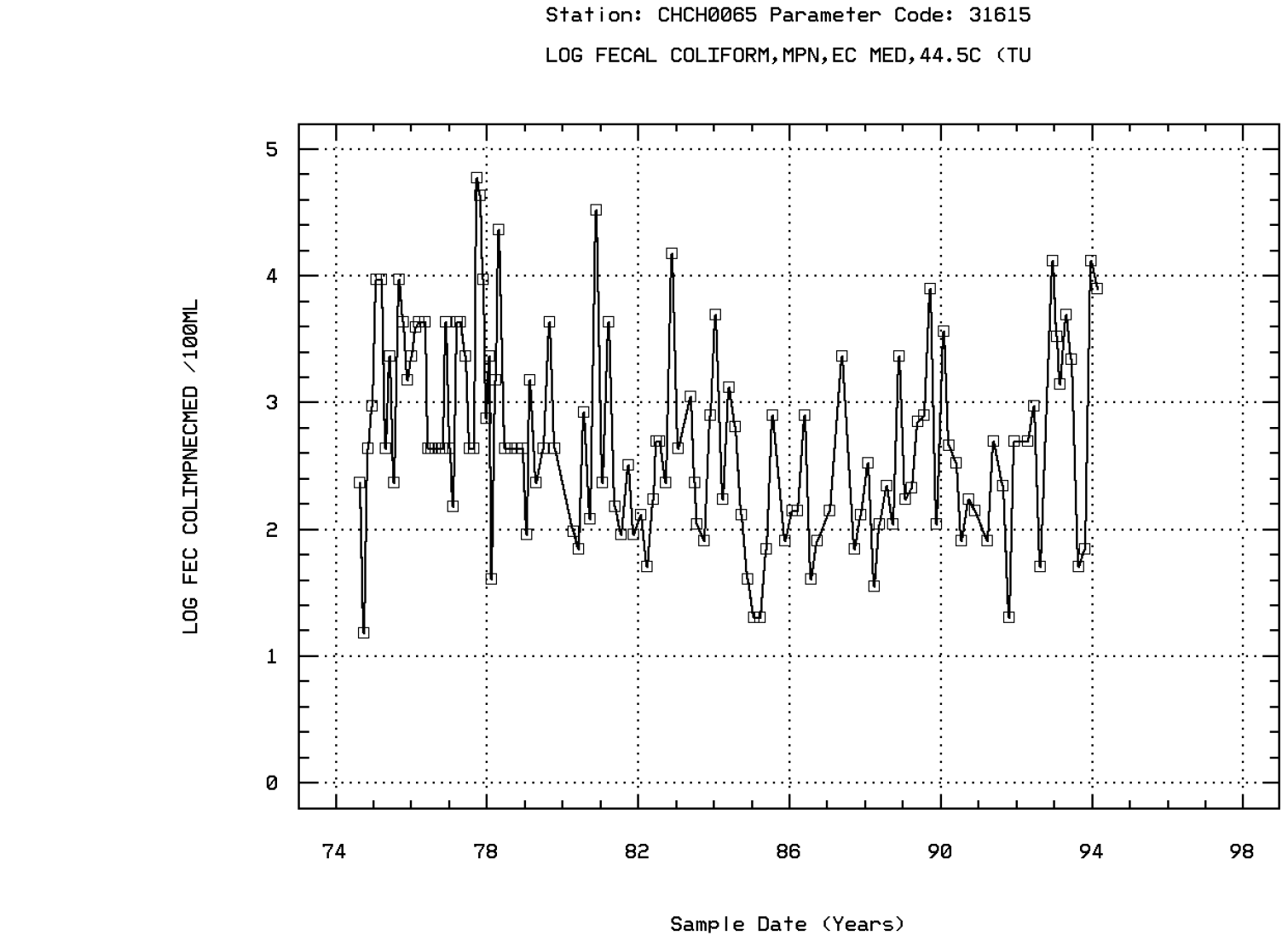
SOUTH CHICKAMAUGA CREEK AT GRAYSVILLE,

Station: CHCH0065 Parameter Code: 00680

CARBON, TOTAL ORGANIC (MG/L AS C)



SOUTH CHICKAMAUGA CREEK AT GRAYSVILLE,



SOUTH CHICKAMAUGA CREEK AT GRAYSVILLE,

Seasonal Analysis for Season #1: 6/01 to 10/31 - Station CHCH0065

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/20/74-02/22/94	56	22.	21.098	27.	14.	9.949	3.154	16.5	18.625	23.	24.65
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/22/75-02/22/94	52	25.25	24.173	37.	9.	45.675	6.758	13.65	20.	29.	32.35
00025	BAROMETRIC PRESSURE (MM OF HG)	03/24/81-02/22/94	30	749.	748.567	755.	739.	14.668	3.83	743.	746.75	751.	753.9
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/20/74-02/22/94	53	96.	183.094	2850.	31.	152457.356	390.458	45.4	69.5	143.5	391.2
00065	STAGE, STREAM (FEET)	08/20/74-02/22/94	56	0.75	1.737	4.83	0.	2.899	1.703	0.03	0.103	3.458	3.946
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/20/74-09/28/83	32	9.5	20.656	112.	4.	770.943	27.766	5.3	7.25	17.75	76.5
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/30/83-02/22/94	22	6.5	9.864	36.	3.	63.647	7.978	3.	4.75	13.25	21.4
00080	COLOR (PLATINUM-COBALT UNITS)	08/20/74-09/24/80	12	5.	8.75	40.	2.5	107.386	10.363	2.5	2.5	10.	31.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/20/74-02/22/94	52	250.	247.077	580.	116.	3588.151	59.901	189.5	228.5	266.75	280.
00300	OXYGEN, DISSOLVED MG/L	08/20/74-02/22/94	54	7.	7.156	9.2	5.6	0.584	0.764	6.2	6.8	7.5	8.4
00310	BOD, 5 DAY, 20 DEG C MG/L	08/20/74-02/22/94	54	0.65	0.902	3.6	0.1	0.421	0.649	0.3	0.5	1.2	1.8
00400	PH (STANDARD UNITS)	08/20/74-02/22/94	54	7.8	7.796	8.23	7.	0.057	0.239	7.5	7.688	8.	8.1
00400	CONVERTED PH (STANDARD UNITS)	08/20/74-02/22/94	54	7.8	7.72	8.23	7.	0.063	0.251	7.5	7.688	8.	8.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/20/74-02/22/94	54	0.016	0.019	0.1	0.006	0.	0.015	0.008	0.01	0.021	0.032
00403	PH, LAB, STANDARD UNITS SU	11/24/80-02/22/94	30	7.85	7.847	8.1	7.4	0.022	0.148	7.7	7.8	7.925	8.
00403	CONVERTED PH, LAB, STANDARD UNITS	11/24/80-02/22/94	30	7.847	7.82	8.1	7.4	0.023	0.15	7.7	7.8	7.925	8.
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/24/80-02/22/94	30	0.014	0.015	0.04	0.008	0.	0.006	0.01	0.012	0.016	0.02
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/20/74-09/24/80	19	109.	105.789	129.	62.	255.398	15.981	77.	102.	116.	121.
00417	ALKALINITY,FIXED ENDPOINT TITRATION, USGS LAB MG/L	11/23/87-02/22/94	14	114.5	106.857	125.	60.	440.286	20.983	63.	95.75	122.25	125.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/20/74-02/22/94	54	0.03	0.038	0.28	0.01	0.002	0.04	0.01	0.014	0.05	0.065
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/20/74-02/22/94	54	0.39	0.4	0.72	0.1	0.017	0.13	0.22	0.318	0.493	0.58
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/20/74-02/22/94	53	0.07	0.093	0.78	0.01	0.012	0.109	0.03	0.05	0.1	0.182
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/20/74-02/22/94	52	2.	4.135	29.	0.5	39.436	6.28	0.5	1.	3.175	11.31
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/20/74-07/25/90	42	124.	115.762	174.	33.	769.454	27.739	70.3	101.	134.	139.7
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/20/74-02/22/94	52	430.	2833.75	59000.	10.	100392909.681	10019.626	50.	95.	752.5	4300.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/20/74-02/22/94	52	2.633	2.544	4.771	1.	0.602	0.776	1.699	1.976	2.875	3.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			349.664								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 2/29 - Station CHCH0065

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/20/74-02/22/94	45	8.	8.167	18.	1.	11.17	3.342	4.3	6.25	9.5	14.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/22/75-02/22/94	41	9.5	6.817	25.	-9.5	63.047	7.94	1.2	5.5	11.75	18.
00025	BAROMETRIC PRESSURE (MM OF HG)	03/24/81-02/22/94	25	750.	749.88	760.	740.	23.943	4.893	743.2	746.	753.	756.6
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/20/74-02/22/94	44	250.	432.295	2500.	43.	245566.911	495.547	83.5	141.5	547.5	907.5
00065	STAGE, STREAM (FEET)	08/20/74-02/22/94	45	3.11	2.427	5.4	0.01	2.904	1.704	0.28	0.605	3.88	4.294
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/20/74-09/28/83	24	9.5	15.583	48.	3.	194.341	13.941	4.5	6.	17.75	45.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/30/83-02/22/94	21	9.	21.19	125.	2.	752.762	27.437	3.2	5.5	25.	52.8
00080	COLOR (PLATINUM-COBALT UNITS)	08/20/74-09/24/80	10	5.	16.75	70.	2.5	458.403	21.41	2.75	5.	30.	66.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/20/74-02/22/94	40	197.5	182.825	259.	70.	3034.763	55.089	107.3	127.25	232.	251.8
00300	OXYGEN, DISSOLVED MG/L	08/20/74-02/22/94	44	10.3	10.484	12.9	7.1	2.06	1.435	8.35	9.625	11.55	12.5
00310	BOD, 5 DAY, 20 DEG C MG/L	08/20/74-02/22/94	45	1.	1.063	3.	0.05	0.44	0.664	0.26	0.5	1.5	2.
00400	PH (STANDARD UNITS)	08/20/74-02/22/94	43	7.7	7.674	8.1	7.1	0.075	0.273	7.3	7.5	7.9	8.
00400	CONVERTED PH (STANDARD UNITS)	08/20/74-02/22/94	43	7.7	7.589	8.1	7.1	0.082	0.287	7.3	7.5	7.9	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/20/74-02/22/94	43	0.02	0.026	0.079	0.008	0.	0.017	0.01	0.013	0.032	0.05
00403	PH, LAB, STANDARD UNITS SU	11/24/80-02/22/94	27	7.7	7.73	8.3	7.2	0.086	0.293	7.3	7.5	8.	8.14
00403	CONVERTED PH, LAB, STANDARD UNITS	11/24/80-02/22/94	27	7.7	7.641	8.3	7.2	0.094	0.307	7.3	7.5	8.	8.14
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/24/80-02/22/94	27	0.02	0.023	0.063	0.005	0.	0.015	0.007	0.01	0.032	0.05
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/20/74-09/24/80	14	93.	83.571	119.	40.	713.187	26.706	42.	53.25	104.25	114.
00417	ALKALINITY,FIXED ENDPOINT TITRATION, USGS LAB MG/L	11/23/87-02/22/94	14	73.5	74.071	113.	35.	652.995	25.554	37.5	50.25	94.	113.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/20/74-02/22/94	45	0.02	0.037	0.5	0.01	0.006	0.074	0.01	0.01	0.03	0.068
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/20/74-02/22/94	45	0.45	0.437	1.02	0.03	0.047	0.216	0.162	0.28	0.565	0.722
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/20/74-02/22/94	45	0.06	0.072	0.22	0.01	0.003	0.05	0.026	0.03	0.1	0.154
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/20/74-02/22/94	44	3.	4.659	34.	0.5	41.896	6.473	0.5	1.925	4.75	8.8
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/20/74-07/25/90	36	102.	94.139	136.	36.	859.266	29.313	49.4	68.	119.75	128.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 2/29 - Station CHCH0065

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/20/74-02/22/94	44	460.	3157.955	33000.	10.	36187035.254	6015.566	60.	140.	3525.	11150.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/20/74-02/22/94	44	2.662	2.824	4.519	1.	0.729	0.854	1.753	2.146	3.547	4.041
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			666.249								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 3/01 to 5/31 - Station CHCH0065

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/20/74-02/22/94	34	15.75	16.015	23.	8.5	15.81	3.976	10.75	12.875	19.	21.75
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/22/75-02/22/94	32	18.5	18.531	32.	5.	58.451	7.645	6.3	14.	25.625	27.85
00025	BAROMETRIC PRESSURE (MM OF HG)	03/24/81-02/22/94	24	747.5	748.167	763.	739.	24.406	4.94	742.	745.	750.75	754.
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/20/74-02/22/94	33	250.	310.	1240.	60.	62001.75	249.002	90.8	137.5	410.	596.
00065	STAGE, STREAM (FEET)	08/20/74-02/22/94	34	3.53	2.56	4.23	0.24	2.411	1.553	0.335	0.65	3.855	4.15
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/20/74-09/28/83	16	14.	15.625	42.	5.	105.183	10.256	5.7	7.75	18.75	35.7
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/30/83-02/22/94	18	8.	17.056	128.	3.	832.056	28.845	3.9	5.	15.75	41.6
00080	COLOR (PLATINUM-COBALT UNITS)	08/20/74-09/24/80	6	10.	14.167	30.	5.	114.167	10.685	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/20/74-02/22/94	30	203.5	201.9	278.	131.	1863.128	43.164	134.3	170.	234.75	269.5
00300	OXYGEN, DISSOLVED MG/L	08/20/74-02/22/94	33	8.7	8.73	13.1	5.2	3.417	1.849	5.7	7.75	9.9	11.08
00310	BOD, 5 DAY, 20 DEG C MG/L	08/20/74-02/22/94	31	0.9	0.948	1.7	0.2	0.142	0.377	0.52	0.7	1.3	1.48
00400	PH (STANDARD UNITS)	08/20/74-02/22/94	32	7.755	7.785	8.3	7.4	0.047	0.216	7.6	7.625	7.875	8.24
00400	CONVERTED PH (STANDARD UNITS)	08/20/74-02/22/94	32	7.753	7.741	8.3	7.4	0.049	0.22	7.6	7.625	7.875	8.24
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/20/74-02/22/94	32	0.018	0.018	0.04	0.005	0.	0.008	0.006	0.013	0.024	0.025
00403	PH, LAB, STANDARD UNITS SU	11/24/80-02/22/94	24	7.8	7.883	8.3	7.4	0.061	0.246	7.55	7.7	8.1	8.25
00403	CONVERTED PH, LAB, STANDARD UNITS	11/24/80-02/22/94	24	7.8	7.819	8.3	7.4	0.065	0.255	7.55	7.7	8.1	8.25
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/24/80-02/22/94	24	0.016	0.015	0.04	0.005	0.	0.009	0.006	0.008	0.02	0.028
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/20/74-09/24/80	8	71.5	67.625	86.	44.	189.411	13.763	**	**	**	**
00417	ALKALINITY,FIXED ENDPOINT TITRATION, USGS LAB MG/L	11/23/87-02/22/94	10	97.	93.3	118.	56.	387.344	19.681	57.5	77.75	108.75	117.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/20/74-02/22/94	34	0.035	0.046	0.16	0.01	0.002	0.04	0.01	0.019	0.06	0.125
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/20/74-02/22/94	34	0.415	0.414	0.73	0.15	0.022	0.148	0.21	0.283	0.51	0.59
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/20/74-02/22/94	34	0.05	0.095	0.7	0.01	0.024	0.155	0.01	0.03	0.09	0.195
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/20/74-02/22/94	34	2.35	2.724	6.2	0.5	2.385	1.545	0.5	1.4	4.	4.85
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/20/74-07/25/90	30	97.	96.1	138.	56.	485.886	22.043	60.2	83.	112.75	126.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/20/74-02/22/94	32	475.	2191.25	23000.	20.	19066861.29	4366.562	56.	142.5	3800.	4720.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/20/74-02/22/94	32	2.676	2.737	4.362	1.301	0.6	0.775	1.743	2.154	3.566	3.673
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			546.276								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: CHCH0066

NPS Station ID: CHCH0066 LAT/LON: 34.977504/ -85.145003 Agency: 21GAEPD Date Created: / /
Location: SOUTH CHICKAMAUGA CREEK - GRAYSVILLE ROAD FIPS State/County: 13047 GEORGIA/CATOOSA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 15080001 /03566800
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: TENNESEE RIVER ECO Region:
RF1 Index: 06020001013 RF1 Mile Point: 1.580 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 06020001000711.94 RF3 Mile Point: 12.82 Distance from RF3: 0.01 On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0066

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/24/84-02/22/94	62	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00004	STREAM WIDTH (FEET)	10/01/74-10/01/74	1	121.	121.	121.	121.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/18/73-07/28/87	16	17.75	17.531	28.	9.	32.116	5.667	10.05	12.625	22.75	25.2
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/24/86-11/24/86	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	03/31/82-03/31/82	1	757.	757.	757.	757.	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	10/15/75-11/25/75	2	200.	200.	212.	188.	288.	16.971	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/03/76-11/28/90	11	150.	935.818	4000.	20.	2041151.564	1428.689	24.8	96.	980.	3900.
00065	STAGE, STREAM (FEET)	11/30/82-11/24/86	2	4.84	4.84	5.74	3.94	1.62	1.273	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/18/73-02/22/94	75	9.	22.667	310.	2.	1917.144	43.785	4.	5.	20.	41.2
00080	COLOR (PLATINUM-COBALT UNITS)	07/18/73-07/28/87	13	15.	28.846	130.	5.	1350.641	36.751	5.	10.	32.5	110.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/31/82-11/30/83	12	228.5	205.	270.	110.	3469.455	58.902	110.	142.	250.	264.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/18/73-02/22/94	92	231.5	217.359	296.	80.	3222.518	56.767	124.5	171.25	264.	281.7
00300	OXYGEN, DISSOLVED MG/L	07/18/73-07/28/87	13	7.5	7.792	10.4	3.7	2.912	1.707	4.9	6.8	9.	10.08
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	05/24/83-01/24/84	4	86.5	87.25	94.	82.	24.917	4.992	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	07/18/73-07/28/87	17	0.9	1.212	4.8	0.3	1.166	1.08	0.38	0.55	1.35	2.8
00312	BOD, 6 DAY, 20 DEG C MG/L	05/28/85-05/28/85	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	03/19/75-10/26/93	21	7.1	7.091	8.2	6.	0.304	0.551	6.12	6.8	7.4	7.716
00400	CONVERTED PH (STANDARD UNITS)	03/19/75-10/26/93	21	7.1	6.742	8.2	6.	0.432	0.658	6.12	6.8	7.4	7.716
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/19/75-10/26/93	21	0.079	0.181	1.	0.006	0.075	0.274	0.019	0.04	0.163	0.762
00403	PH, LAB, STANDARD UNITS SU	07/18/73-07/28/87	66	7.9	7.818	8.4	7.	0.054	0.233	7.6	7.7	8.	8.
00403	CONVERTED PH, LAB, STANDARD UNITS	07/18/73-07/28/87	66	7.9	7.738	8.4	7.	0.061	0.246	7.6	7.7	8.	8.
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/18/73-07/28/87	66	0.013	0.018	0.1	0.004	0.	0.016	0.01	0.01	0.02	0.025
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/18/73-02/22/94	95	98.	92.316	125.	27.	701.133	26.479	50.2	73.	114.	119.4
00500	RESIDUE, TOTAL (MG/L)	07/28/87-07/28/87	1	440.	440.	440.	440.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/28/87-07/28/87	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/18/73-02/22/94	15	0.03	0.054	0.19	0.01	0.003	0.055	0.01	0.01	0.09	0.148
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/18/73-07/28/87	14	0.36	0.36	0.55	0.16	0.01	0.099	0.215	0.288	0.405	0.53
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/73-02/22/94	16	0.09	0.215	0.9	0.03	0.069	0.263	0.037	0.05	0.32	0.76
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/18/73-07/28/87	14	3.	5.121	16.7	1.	24.822	4.982	1.5	2.	6.75	15.85
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/18/73-02/22/94	38	115.	118.	652.	44.	8850.27	94.076	53.6	79.	127.25	142.2
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/18/73-11/24/86	13	4300.	9414.615	39000.	230.	155266493.59	12460.598	510.	1215.	10650.	36600.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/18/73-11/24/86	13	3.633	3.599	4.591	2.362	0.421	0.649	2.604	3.072	4.024	4.562
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3976.13								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	03/27/84-05/30/84	2	19.5	19.5	32.	7.	312.5	17.678	**	**	**	**
82580	TAPEDOWN DIST. FROM REF PT ABOVE TO H2O SURFACE FT	09/25/73-12/21/92	100	19.665	18.968	49.38	14.88	13.559	3.682	15.958	16.34	20.478	20.934

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0066

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	75	6	0.08	28	0	0.00	26	3	0.12	21	3	0.14			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	13	1	0.08	6	1	0.17	4	0	0.00	3	0	0.00			
00400	PH	Fresh Chronic	9.	21	0	0.00	9	0	0.00	8	0	0.00	4	0	0.00			
		Other-Lo Lim.	6.5	21	3	0.14	9	3	0.33	8	0	0.00	4	0	0.00			
00403	PH, LAB	Fresh Chronic	9.	66	0	0.00	30	0	0.00	23	0	0.00	13	0	0.00			
		Other-Lo Lim.	6.5	66	0	0.00	30	0	0.00	23	0	0.00	13	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	14	0	0.00	6	0	0.00	5	0	0.00	3	0	0.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	13	13	1.00	5	5	1.00	5	5	1.00	3	3	1.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	2	0	0.00							2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 6/01 to 10/31 - Station CHCH0066

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/24/84-02/22/94	23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/18/73-02/22/94	28	9.	10.679	36.	3.	56.819	7.538	3.	5.	14.	22.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/18/73-02/22/94	35	264.	254.629	296.	152.	1070.946	32.725	218.4	233.	281.	286.
00400	PH (STANDARD UNITS)	03/19/75-10/26/93	9	7.1	6.967	8.2	6.	0.582	0.763	6.	6.15	7.5	8.2
00400	CONVERTED PH (STANDARD UNITS)	03/19/75-10/26/93	9	7.1	6.505	8.2	6.	0.823	0.907	6.	6.15	7.5	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/19/75-10/26/93	9	0.079	0.313	1.	0.006	0.15	0.387	0.006	0.032	0.713	1.
00403	PH, LAB, STANDARD UNITS SU	07/18/73-07/28/87	30	7.9	7.873	8.4	7.	0.056	0.236	7.6	7.8	8.	8.09
00403	CONVERTED PH, LAB, STANDARD UNITS	07/18/73-07/28/87	30	7.9	7.788	8.4	7.	0.063	0.252	7.6	7.8	8.	8.09
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/18/73-07/28/87	30	0.013	0.016	0.1	0.004	0.	0.017	0.008	0.01	0.016	0.025
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/18/73-02/22/94	36	115.	110.194	125.	60.	211.133	14.53	94.8	106.5	118.	123.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/18/73-02/22/94	16	126.	125.625	144.	104.	152.517	12.35	106.8	117.	138.	142.6
82580	TAPEDOWN DIST. FROM REF PT ABOVE TO H2O SURFACE FT	09/25/73-12/21/92	41	20.3	19.047	21.22	15.75	4.337	2.083	16.	16.43	20.625	21.012

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 2/29 - Station CHCH0066

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/24/84-02/22/94	21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/18/73-02/22/94	26	10.	25.692	155.	2.	1336.622	36.56	3.7	6.75	26.	76.7
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/18/73-02/22/94	31	189.	185.323	280.	80.	3789.026	61.555	105.2	123.	243.	267.4
00400	PH (STANDARD UNITS)	03/19/75-10/26/93	8	7.15	7.188	7.7	6.9	0.076	0.275	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/19/75-10/26/93	8	7.147	7.122	7.7	6.9	0.08	0.284	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/19/75-10/26/93	8	0.071	0.076	0.126	0.02	0.002	0.039	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/18/73-07/28/87	23	7.8	7.765	8.1	7.	0.071	0.267	7.34	7.6	7.9	8.06
00403	CONVERTED PH, LAB, STANDARD UNITS	07/18/73-07/28/87	23	7.8	7.666	8.1	7.	0.082	0.286	7.34	7.6	7.9	8.06
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/18/73-07/28/87	23	0.016	0.022	0.1	0.008	0.	0.02	0.009	0.013	0.025	0.046
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/18/73-02/22/94	32	73.5	76.344	122.	27.	866.749	29.441	36.5	49.25	101.75	116.5
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/18/73-02/22/94	14	82.	85.643	144.	44.	1041.786	32.277	47.	57.5	115.5	138.
82580	TAPEDOWN DIST. FROM REF PT ABOVE TO H2O SURFACE FT	09/25/73-12/21/92	35	19.39	18.443	21.3	14.88	4.071	2.018	15.584	16.28	20.23	20.462

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 3/01 to 5/31 - Station CHCH0066

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/24/84-02/22/94	18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/18/73-02/22/94	21	9.	34.905	310.	3.	4975.59	70.538	4.	5.	24.	121.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/18/73-02/22/94	26	211.	205.385	283.	116.	2360.246	48.582	130.1	170.5	246.	258.4
00400	PH (STANDARD UNITS)	03/19/75-10/26/93	4	7.15	7.18	7.72	6.7	0.216	0.465	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/19/75-10/26/93	4	7.082	7.017	7.72	6.7	0.252	0.502	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/19/75-10/26/93	4	0.083	0.096	0.2	0.019	0.007	0.083	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/18/73-07/28/87	13	7.8	7.785	8.	7.6	0.013	0.114	7.64	7.7	7.9	7.96
00403	CONVERTED PH, LAB, STANDARD UNITS	07/18/73-07/28/87	13	7.8	7.771	8.	7.6	0.013	0.115	7.64	7.7	7.9	7.96
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/18/73-07/28/87	13	0.016	0.017	0.025	0.01	0.	0.004	0.011	0.013	0.02	0.023
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/18/73-02/22/94	27	93.	87.407	118.	49.	435.635	20.872	52.6	72.	107.	112.4
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/18/73-02/22/94	8	103.	159.375	652.	54.	40335.125	200.836	**	**	**	**
82580	TAPEDOWN DIST. FROM REF PT ABOVE TO H2O SURFACE FT	09/25/73-12/21/92	24	18.445	19.599	49.38	15.63	43.953	6.63	15.865	16.33	20.143	21.095

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: CHCH0067

NPS Station ID: CHCH0067 LAT/LON: 34.977504/ -85.145281 Agency: 131TVAC Date Created: 06/27/92
Location: ABOVE SWANSON MILL AT BRIDGE IN GRAYSVILLE FIPS State/County: 13047 GEORGIA/CATOOSA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 130074
RMI-Indexes: 1021500 007720 00920 6180 Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 019.45
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: TENNESSEE RIVER BASIN Elevation: 0 Water Body Id:
Minor Basin: SOUTH CHICKAMAUGA CREEK 19.45 ECO Region:
RF1 Index: 06020001 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 06020001000711.94 RF3 Mile Point: 12.82 Distance from RF3: 0.01 On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/26/92-06/11/92	13	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/26/92-06/11/92	13	118.	1012.846	5200.	5.	2940333.808	1714.74	10.2	45.5	1311.	4760.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/26/92-06/11/92	13	2.072	2.288	3.716	0.699	0.849	0.921	0.921	1.619	3.052	3.675
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			194.168								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0067

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	13	6	0.46	9	6	0.67				4	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0068

NPS Station ID: CHCH0068 LAT/LON: 34.977504/ -85.239449 Agency: 131TVAC Date Created: / /
Location: ROAD CROSSING 0.15 MILE BELOW BLACK BRANCH FIPS State/County: 13047 GEORGIA/CATOOSA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 120846
RMI-Indexes: 1021500 007720 00920 6180 0340 0020 Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 013.20 000.90 004.32
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: TENNESSEE RIVER BASIN Elevation: 0 Water Body Id:
Minor Basin: SPRING CREEK 4.32 ECO Region:
RF1 Index: 06020001 RF1 Mile Point: 0.000 Distance from RF1: 1.10 On/Off RF1:
RF3 Index: 06020001000712.51 RF3 Mile Point: 12.51 Distance from RF3: 0.02 On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0068

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/27/69-12/04/69	12	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/27/69-12/04/69	12	15.8	15.375	23.3	8.3	31.038	5.571	8.48	9.375	21.025	22.97
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/27/69-12/04/69	12	8.	11.	33.	7.	52.182	7.224	7.	7.25	11.75	27.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/27/69-12/04/69	12	10.	12.25	30.	2.	84.568	9.196	2.6	5.25	15.	30.
00080	COLOR (PLATINUM-COBALT UNITS)	01/27/69-12/04/69	12	7.5	10.625	40.	2.5	122.869	11.085	2.5	2.5	15.	34.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/27/69-12/04/69	12	305.	295.833	400.	150.	4481.061	66.941	165.	282.5	327.5	391.
00300	OXYGEN, DISSOLVED MG/L	01/27/69-12/04/69	12	7.	7.183	9.4	5.7	1.427	1.195	5.73	6.15	8.25	9.19
00310	BOD, 5 DAY, 20 DEG C MG/L	01/27/69-12/04/69	12	2.35	2.6	5.7	1.5	1.42	1.192	1.53	1.625	2.975	5.1
00400	PH (STANDARD UNITS)	01/27/69-12/04/69	12	7.6	7.55	7.9	7.2	0.034	0.183	7.26	7.4	7.675	7.84
00400	CONVERTED PH (STANDARD UNITS)	01/27/69-12/04/69	12	7.6	7.514	7.9	7.2	0.035	0.187	7.26	7.4	7.675	7.84
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/27/69-12/04/69	12	0.025	0.031	0.063	0.013	0.	0.013	0.015	0.021	0.04	0.056
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/27/69-12/04/69	12	130.	125.333	150.	76.	405.879	20.146	85.	116.25	137.5	150.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/27/69-12/04/69	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	02/27/69-12/04/69	11	30000.	41045.455	156000.	6000.	1907222727.273	43671.761	6200.	11000.	52000.	140800.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	02/27/69-12/04/69	11	4.477	4.426	5.193	3.778	0.183	0.427	3.792	4.041	4.716	5.135
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			26657.514								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/27/69-12/04/69	12	2700.	8968.333	57900.	980.	255414724.242	15981.7	986.	1505.	10425.	44610.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/27/69-12/04/69	12	3.427	3.584	4.763	2.991	0.287	0.535	2.994	3.176	4.016	4.574
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3840.21								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0068

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	12	0	0.00	5	0	0.00	4	0	0.00	3	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	12	0	0.00	5	0	0.00	4	0	0.00	3	0	0.00			
00400	PH	Fresh Chronic	9.	12	0	0.00	5	0	0.00	4	0	0.00	3	0	0.00			
		Other-Lo Lim.	6.5	12	0	0.00	5	0	0.00	4	0	0.00	3	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	11	11	1.00	5	5	1.00	3	3	1.00	3	3	1.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	12	12	1.00	5	5	1.00	4	4	1.00	3	3	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0069

NPS Station ID: CHCH0069 LAT/LON: 34.978059/ -85.294448 Agency: 1113S000 Date Created: / /
Location: MCFARLAND BRANCH AT STANDARD COOSA THATCHER FIPS State/County: 13295 GEORGIA/WALKER
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM STORET Station ID(s): 130292 /TR-RD-1
RMI-Indexes: 1021500 007720 00920 6140 0170 Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 005.60 000.60
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN ECO Region:
RF1 Index: 06020001 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 06020001130000.00 RF3 Mile Point: 0.70 Distance from RF3: 0.14 On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00310	BOD, 5 DAY, 20 DEG C MG/L	03/06/73-03/06/73	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/06/73-03/06/73	1	10.5	10.5	10.5	10.5	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/06/73-03/06/73	1	10.5	10.5	10.5	10.5	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/06/73-03/06/73	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	03/06/73-03/06/73	1	3605.	3605.	3605.	3605.	0.	0.	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/06/73-03/06/73	1	323.	323.	323.	323.	0.	0.	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/06/73-03/06/73	1	3523.	3523.	3523.	3523.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/06/73-03/06/73	1	82.	82.	82.	82.	0.	0.	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/06/73-03/06/73	1	38.	38.	38.	38.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/06/73-03/06/73	1	0.14	0.14	0.14	0.14	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/06/73-03/06/73	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/06/73-03/06/73	1	0.79	0.79	0.79	0.79	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/06/73-03/06/73	1	1.12	1.12	1.12	1.12	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/06/73-03/06/73	1	35.	35.	35.	35.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/06/73-03/06/73	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	03/06/73-03/06/73	1	139.	139.	139.	139.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	03/06/73-03/06/73	1	710.	710.	710.	710.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	03/06/73-03/06/73	1	90.	90.	90.	90.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	03/06/73-03/06/73	1	70.	70.	70.	70.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	03/06/73-03/06/73	1 ##	40.	40.	40.	40.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	03/06/73-03/06/73	1	103.	103.	103.	103.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0069

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	1	1.00							1	1	1.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00							1	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00							1	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	1	1	1.00							1	1	1.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	1	1	1.00							1	1	1.00			
		Drinking Water	15.	1	1	1.00							1	1	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0069

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0070

NPS Station ID: CHCH0070
LAT/LON: 34.978337/ -85.302782
Agency: 131TVAC
Date Created: / /
Location: AT GLENTANA STREET, ROSSVILLE, GA.
FIPS State/County: 13295 GEORGIA/WALKER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 120828
RMI-Indexes: 1021500 007720 00920 6140 0190
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 007.60 000.45
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: DRY CREEK 0.45
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 1.10
On/Off RF1:
RF3 Index: 06020001000914.47
RF3 Mile Point: 14.47
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0070

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/07/67-10/11/67	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/07/67-10/11/67	3	18.	16.333	18.5	12.5	11.083	3.329	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/28/67-09/28/67	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/07/67-10/11/67	3	3.6	4.467	7.5	2.3	7.323	2.706	**	**	**	**
00304	BOD, 2 DAY, 20 DEG C MG/L	09/28/67-09/28/67	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/28/67-09/28/67	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/28/67-09/28/67	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/28/67-09/28/67	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/28/67-09/28/67	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	09/28/67-09/28/67	1	70.	70.	70.	70.	0.	0.	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/28/67-09/28/67	1	50.	50.	50.	50.	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/28/67-09/28/67	1	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/28/67-09/28/67	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/28/67-09/28/67	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/28/67-09/28/67	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/28/67-09/28/67	1	0.13	0.13	0.13	0.13	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/28/67-09/28/67	1	0.085	0.085	0.085	0.085	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/28/67-09/28/67	1	920.	920.	920.	920.	0.	0.	**	**	**	**
01047	IRON, FERROUS (UG/L AS FE)	09/28/67-09/28/67	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/28/67-09/28/67	1	11000.	11000.	11000.	11000.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/28/67-09/28/67	1	4.041	4.041	4.041	4.041	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			11000.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/28/67-09/28/67	1	4000.	4000.	4000.	4000.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/28/67-09/28/67	1	3.602	3.602	3.602	3.602	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4000.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0070

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	3	2	0.67	3	2	0.67									
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0070

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	1	1.00	1	1	1.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	1	1.00	1	1	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0071

NPS Station ID: CHCH0071
LAT/LON: 34.978337/ -85.303059
Agency: 1113S000
Date Created: / /
Location: DRY CREEK AT 0.5 MILE FROM MOUTH
FIPS State/County: 13295 GEORGIA/WALKER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 130228 /TR-CT-4
RMI-Indexes: 1021500 007720 00920 6140 0190
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 006.10 000.50
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 06020001000712.91
RF3 Mile Point: 12.91
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/27/73-03/07/73	7	1.	1.	1.	1.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/27/73-03/07/73	7	12.	12.429	16.	8.	8.869	2.978	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/27/73-03/07/73	7	20.	23.286	38.	11.	138.238	11.757	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/27/73-03/07/73	7	260.	241.571	275.	190.	1230.619	35.08	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	02/27/73-03/07/73	7	10.9	10.686	13.2	8.9	3.125	1.768	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	02/27/73-03/07/73	7	4.	3.643	5.1	2.	1.536	1.239	**	**	**	**
00400	PH (STANDARD UNITS)	02/27/73-03/07/73	7	7.45	7.7	8.9	7.2	0.348	0.59	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/27/73-03/07/73	7	7.45	7.5	8.9	7.2	0.395	0.629	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/27/73-03/07/73	7	0.035	0.032	0.063	0.001	0.	0.022	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	02/27/73-03/07/73	6	7.95	8.083	9.2	7.6	0.322	0.567	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	02/27/73-03/07/73	6	7.947	7.908	9.2	7.6	0.359	0.599	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/27/73-03/07/73	6	0.011	0.012	0.025	0.001	0.	0.008	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/27/73-03/07/73	6	103.5	105.667	133.	78.	332.267	18.228	**	**	**	**
00435	ACIDITY, TOTAL (MG/L AS CACO3)	02/27/73-03/07/73	6	1.5	1.583	3.	0.	1.642	1.281	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/27/73-03/07/73	7	0.12	0.164	0.47	0.04	0.022	0.147	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/27/73-03/07/73	7	0.3	0.367	0.6	0.25	0.017	0.129	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/27/73-03/07/73	7	0.66	0.721	0.88	0.55	0.015	0.124	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/27/73-03/07/73	7	0.08	0.123	0.27	0.07	0.005	0.073	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/27/73-03/07/73	7	3.	3.714	6.	2.	1.905	1.38	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/27/73-03/07/73	7	11000.	28518.571	130000.	330.	2082986080.952	45639.742	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/27/73-03/07/73	7	4.041	3.987	5.114	2.519	0.641	0.801	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			9715.209								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/27/73-03/07/73	7	5100.	8831.429	33000.	20.	120986914.286	10999.405	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/27/73-03/07/73	7	3.708	3.501	4.519	1.301	1.043	1.021	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3166.066								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0071

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	7	0	0.00				2	0	0.00	5	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	7	0	0.00				2	0	0.00	5	0	0.00			
00400	PH	Fresh Chronic	9.	7	0	0.00				2	0	0.00	5	0	0.00			
		Other-Lo Lim.	6.5	7	0	0.00				2	0	0.00	5	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0071

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	6	1	0.17				2	1	0.50	4	0	0.00			
		Other-Lo Lim.	6.5	6	0	0.00				2	0	0.00	4	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	7	0	0.00				2	0	0.00	5	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	7	6	0.86				2	2	1.00	5	4	0.80			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	7	6	0.86				2	2	1.00	5	4	0.80			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0072

NPS Station ID: CHCH0072 LAT/LON: 34.979726/ -85.199449 Agency: 131TVAC Date Created: 08/30/80
Location: 0.5 MILES SOUTH OF TENNESSEE-GEORGIA STATE LINE FIPS State/County: 13047 GEORGIA/CATOOSA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 130008
RMI-Indexes: 1021500 007720 00920 6180 0340 Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 013.20 003.80
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: TENNESSEE RIVER BASIN Elevation: 0 Water Body Id:
Minor Basin: WEST CHICKAMAUGA CREEK 3.8 ECO Region:
RF1 Index: 06020001008 RF1 Mile Point: 0.790 Distance from RF1: 2.60 On/Off RF1: ON
RF3 Index: 06020001000712.66 RF3 Mile Point: 12.66 Distance from RF3: 0.11 On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0072

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/30/80-08/29/80	3	1.	1.	1.	1.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/80-08/29/80	3	23.	23.167	23.5	23.	0.083	0.289	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/30/80-08/29/80	3	270.	276.667	300.	260.	433.333	20.817	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/30/80-08/29/80	3	5.3	5.1	5.5	4.5	0.28	0.529	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	07/30/80-08/29/80	2 ##	1.05	1.05	1.6	0.5	0.605	0.778	**	**	**	**
00400	PH (STANDARD UNITS)	07/30/80-08/29/80	3	7.4	7.3	7.5	7.	0.07	0.265	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/30/80-08/29/80	3	7.4	7.243	7.5	7.	0.075	0.274	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/30/80-08/29/80	3	0.04	0.057	0.1	0.032	0.001	0.037	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/30/80-08/29/80	3	120.	120.	120.	120.	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	07/30/80-08/29/80	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	07/30/80-08/29/80	2	0.23	0.23	0.25	0.21	0.001	0.028	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/30/80-08/29/80	2	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/30/80-08/29/80	2	0.26	0.26	0.28	0.24	0.001	0.028	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/30/80-08/29/80	2	0.51	0.51	0.51	0.51	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/30/80-07/30/80	1	13200.	13200.	13200.	13200.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/30/80-07/30/80	1	4.121	4.121	4.121	4.121	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			13200.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/30/80-07/30/80	1	20.	20.	20.	20.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/30/80-07/30/80	1	1.301	1.301	1.301	1.301	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			20.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0072

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	3	0	0.00	3	0	0.00									
00400	PH	Fresh Chronic	9.	3	0	0.00	3	0	0.00									
		Other-Lo Lim.	6.5	3	0	0.00	3	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00	2	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	1	1.00	1	1	1.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0073

NPS Station ID: CHCH0073 LAT/LON: 34.980004/ -85.293893 Agency: 1113S000 Date Created: / /
Location: MCFARLAND BRANCH AT BORG TEXTILES EFF FIPS State/County: 13295 GEORGIA/WALKER
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM STORET Station ID(s): 130290 /TR-SK-1
RMI-Indexes: 1021500 007720 00920 6140 0170 Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 005.60 000.60
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN ECO Region:
RF1 Index: 06020001 RF1 Mile Point: 0.000 Distance from RF1: 35.90 On/Off RF1:
RF3 Index: 06020001125300.00 RF3 Mile Point: 0.00 Distance from RF3: 0.01 On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0073

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	03/06/73-03/06/73	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	03/06/73-03/06/73	1	28.	28.	28.	28.	0.	0.	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	03/06/73-03/06/73	1	132.	132.	132.	132.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/06/73-03/06/73	1	10.9	10.9	10.9	10.9	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/06/73-03/06/73	1	10.9	10.9	10.9	10.9	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/06/73-03/06/73	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	03/06/73-03/06/73	1	1558.	1558.	1558.	1558.	0.	0.	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/06/73-03/06/73	1	191.	191.	191.	191.	0.	0.	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/06/73-03/06/73	1	1398.	1398.	1398.	1398.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/06/73-03/06/73	1	160.	160.	160.	160.	0.	0.	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/06/73-03/06/73	1	65.	65.	65.	65.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/06/73-03/06/73	1	0.47	0.47	0.47	0.47	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/06/73-03/06/73	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/06/73-03/06/73	1	0.79	0.79	0.79	0.79	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/06/73-03/06/73	1	1.02	1.02	1.02	1.02	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/06/73-03/06/73	1	37.	37.	37.	37.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/06/73-03/06/73	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	03/06/73-03/06/73	1	103.	103.	103.	103.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	03/06/73-03/06/73	1	1220.	1220.	1220.	1220.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	03/06/73-03/06/73	1	120.	120.	120.	120.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	03/06/73-03/06/73	1	109.	109.	109.	109.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	03/06/73-03/06/73	1 ##	40.	40.	40.	40.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	03/06/73-03/06/73	1	131.	131.	131.	131.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0073

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	1	1.00							1	1	1.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00							1	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00							1	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	1	1	1.00							1	1	1.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0073

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01051	LEAD, TOTAL	Fresh Acute	82.	1	1	1.00							1	1	1.00			
		Drinking Water	15.	1	1	1.00							1	1	1.00			
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	1	1	1.00							1	1	1.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0074

NPS Station ID: CHCH0074 LAT/LON: 34.981670/ -85.291392 Agency: 1113S000 Date Created: / /
Location: MCFARLAND BRANCH AT ROSSVILLE DEVELOPMENT CO FIPS State/County: 13295 GEORGIA/WALKER
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM STORET Station ID(s): 130294 /TR-RDC-1
RMI-Indexes: 1021500 007720 00920 6140 0170 Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 005.60 000.70
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN ECO Region:
RF1 Index: 06020001 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 06020001130000.00 RF3 Mile Point: 0.46 Distance from RF3: 0.26 On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00058	FLOW, RATE GALLONS/MIN	03/07/73-03/07/73	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	03/05/73-03/07/73	3	3.2	4.033	6.4	2.5	4.323	2.079	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	03/05/73-03/07/73	3	366.	1230.	3000.	324.	2350116.	1533.009	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/05/73-03/07/73	3	10.5	9.9	11.	8.2	2.23	1.493	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/05/73-03/07/73	3	10.5	8.674	11.	8.2	4.484	2.117	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/05/73-03/07/73	3	0.	0.002	0.006	0.	0.	0.004	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	03/05/73-03/07/73	3	1195.	2246.667	4720.	825.	4622258.333	2149.944	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/05/73-03/07/73	3	1034.	768.667	1130.	142.	296837.333	544.828	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/05/73-03/07/73	3	599.	740.667	1358.	265.	313714.333	560.102	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/05/73-03/07/73	3	596.	1506.	3362.	560.	2583876.	1607.444	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/05/73-03/07/73	3	152.	358.	792.	130.	141388.	376.016	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/05/73-03/07/73	3	0.13	0.16	0.31	0.04	0.019	0.137	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/05/73-03/07/73	3	0.45	0.45	0.5	0.4	0.002	0.05	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/05/73-03/07/73	3	0.82	0.687	0.98	0.26	0.143	0.378	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/05/73-03/07/73	3	2.55	2.39	2.77	1.85	0.231	0.48	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/05/73-03/07/73	3	92.	124.333	195.	86.	3754.333	61.273	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/06/73-03/07/73	2	43.5	43.5	47.	40.	24.5	4.95	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	03/06/73-03/07/73	2	108.5	108.5	117.	100.	144.5	12.021	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	03/06/73-03/07/73	2	53050.	53050.	85700.	20400.	2132045000.	46174.073	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	03/06/73-03/07/73	2 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	03/06/73-03/07/73	2	241.	241.	350.	132.	23762.	154.149	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	03/06/73-03/07/73	2 ##	40.	40.	40.	40.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	03/06/73-03/07/73	2	495.	495.	910.	80.	344450.	586.899	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0074

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	3	2	0.67							3	2	0.67			
		Other-Lo Lim.	6.5	3	0	0.00							3	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	0	0.00							3	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	2	0	0.00							2	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	2	2	1.00							2	2	1.00			
		Drinking Water	1300.	2	0	0.00							2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0074

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01051	LEAD, TOTAL	Fresh Acute	82.	2	0	0.00							2	0	0.00			
		Drinking Water	15.	0 &	0	0.00												
01067	NICKEL, TOTAL	Fresh Acute	1400.	2	0	0.00							2	0	0.00			
		Drinking Water	100.	2	0	0.00							2	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	2	1	0.50							2	1	0.50			
		Drinking Water	5000.	2	0	0.00							2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0075

NPS Station ID: CHCH0075
LAT/LON: 34.983337/ -85.300004
Agency: 21TNWQ
Date Created: / /
Location: MCFARLANDS BRANCH
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 001810 /331810 /231810
RMI-Indexes: 1021500 007720 00920 6140 0170
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 007.04 000.20
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 16.30
On/Off RF1:
RF3 Index: 06020001130500.00
RF3 Mile Point: 0.00
Distance from RF3: 0.02
On/Off RF3:
Description:
STATE LINE ROAD

Parameter Inventory for Station: CHCH0075

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/09/64-06/03/65	10	35.	34.8	37.	33.	2.178	1.476	33.	33.	35.5	37.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/09/64-06/03/65	14	20.5	25.643	74.	7.	285.632	16.901	10.5	15.75	31.	58.5
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	06/09/64-06/03/65	12	442.5	424.75	499.	275.	4856.568	69.689	290.	388.	484.75	496.3
00300	OXYGEN, DISSOLVED MG/L	06/09/64-06/03/65	14	0.	0.586	2.7	0.	0.991	0.995	0.	0.	0.95	2.65
00310	BOD, 5 DAY, 20 DEG C MG/L	06/10/64-06/03/65	11	76.	77.091	97.	47.	235.691	15.352	50.	64.	90.	96.8
00340	COD, .25N K2CR2O7 MG/L	06/09/64-06/11/64	4	131.	138.5	256.	36.	8558.333	92.511	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/09/64-06/03/65	14	9.6	9.529	10.2	8.6	0.193	0.439	8.65	9.375	9.8	10.1
00403	CONVERTED PH, LAB, STANDARD UNITS	06/09/64-06/03/65	14	9.6	9.276	10.2	8.6	0.262	0.512	8.65	9.375	9.8	10.1
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/09/64-06/03/65	14	0.	0.001	0.003	0.	0.	0.001	0.	0.	0.	0.002
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/09/64-06/03/65	14	209.5	216.	354.	124.	3656.	60.465	142.	165.25	242.75	331.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	06/09/64-06/03/65	14	61.	71.714	130.	38.	757.143	27.516	39.5	49.75	95.25	117.
00437	ACIDITY, CO2 (PHENOLPHTHALEIN) (MG/L AS CACO3)	05/11/65-06/03/65	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/09/64-06/03/65	14	111.	118.	268.	36.	4418.308	66.47	37.	63.25	157.5	235.5
00545	RESIDUE, SETTLEABLE (ML/L)	06/09/64-06/03/65	14	0.95	3.329	13.	0.5	21.547	4.642	0.5	0.575	3.75	13.
00940	CHLORIDE,TOTAL IN WATER MG/L	06/09/64-06/03/65	14	250.5	350.	1122.	36.	115818.462	340.321	36.	128.5	463.75	1084.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/11/65-06/03/65	10	3000.	17630.	74000.	0.	820022333.333	28636.032	0.	675.	35250.	73200.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/11/65-06/03/65	10	3.477	3.053	4.869	0.	3.052	1.747	0.	2.216	4.503	4.864
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1128.932								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/11/65-06/03/65	10	12500.	94020.	710000.	4500.	47721521777.778	218452.562	4580.	6125.	79750.	647200.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/11/65-06/03/65	10	4.097	4.329	5.851	3.653	0.478	0.691	3.66	3.786	4.902	5.758
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			21353.864								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0075

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	14	1	0.07	7	1	0.14				7	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	14	14	1.00	7	7	1.00				7	7	1.00			
00403	PH, LAB	Fresh Chronic	9.	14	12	0.86	7	6	0.86				7	6	0.86			
		Other-Lo Lim.	6.5	14	0	0.00	7	0	0.00				7	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	14	2	0.14	7	2	0.29				7	0	0.00			
		Drinking Water	250.	14	7	0.50	7	4	0.57				7	3	0.43			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0075

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	10	7	0.70	3	0	0.00				7	7	1.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	10	10	1.00	3	3	1.00				7	7	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0076

NPS Station ID: CHCH0076
LAT/LON: 34.983892/ -85.327504
Agency: 131TVAC
Date Created: / /
Location: NEAR TN-GA STATE LINE
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM/SOLIDS
STORET Station ID(s): 475377 /2582
RMI-Indexes: 1021500 007720 00920 6140
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 007.94
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: CHATTANOOGA CREEK 7.94
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 06020001001800.00
RF3 Mile Point: 0.00
Distance from RF3: 0.13
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0076

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/07/67-12/03/69	14	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/07/67-12/03/69	14	13.65	13.864	24.4	4.5	36.93	6.077	5.6	8.125	18.725	23.3
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/27/69-12/03/69	12	14.5	65.25	272.	7.	6663.659	81.631	7.	10.	114.25	231.5
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/27/69-12/03/69	12	10.	13.167	40.	3.	90.152	9.495	4.2	8.5	15.	34.
00080	COLOR (PLATINUM-COBALT UNITS)	09/07/67-12/03/69	14	15.	14.107	35.	2.5	114.045	10.679	2.5	4.375	21.25	30.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/27/69-12/03/69	12	255.	255.	420.	120.	11372.727	106.643	123.	150.	350.	411.
00300	OXYGEN, DISSOLVED MG/L	09/07/67-12/03/69	14	4.55	5.546	11.7	0.05	14.631	3.825	0.175	2.475	8.7	11.
00304	BOD, 2 DAY, 20 DEG C MG/L	09/07/67-10/11/67	2	8.3	8.3	12.	4.6	27.38	5.233	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/07/67-12/03/69	14	2.8	4.329	23.	0.5	31.681	5.629	0.75	1.4	4.475	14.7
00335	COD, .025N K2CR2O7 MG/L	01/27/69-12/03/69	12	18.5	18.917	38.	7.	81.174	9.01	7.9	12.	25.5	34.7
00400	PH (STANDARD UNITS)	09/07/67-12/03/69	13	7.3	7.338	7.7	7.	0.043	0.206	7.	7.2	7.5	7.62
00400	CONVERTED PH (STANDARD UNITS)	09/07/67-12/03/69	13	7.3	7.293	7.7	7.	0.045	0.212	7.	7.2	7.5	7.62
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/07/67-12/03/69	13	0.05	0.051	0.1	0.02	0.001	0.025	0.025	0.032	0.063	0.1
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/27/69-12/03/69	12	99.5	92.417	170.	28.	2658.265	51.558	30.1	39.75	127.5	170.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/27/69-12/03/69	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00500	RESIDUE, TOTAL (MG/L)	09/07/67-12/03/69	14	165.	176.429	280.	90.	3624.725	60.206	95.	132.5	217.5	280.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/07/67-12/03/69	14	155.	160.	260.	80.	3000.	54.772	85.	122.5	197.5	255.
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/27/69-12/03/69	12	0.5	0.493	0.9	0.18	0.05	0.224	0.198	0.295	0.665	0.849
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/27/69-12/03/69	12	0.025	0.058	0.17	0.005	0.003	0.059	0.005	0.01	0.118	0.155
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/27/69-12/03/69	12	0.01	0.012	0.03	0.005	0.	0.007	0.005	0.01	0.01	0.027
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/27/69-12/03/69	12	0.185	0.2	0.39	0.06	0.007	0.081	0.084	0.16	0.248	0.351
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/27/69-12/03/69	12	0.505	0.758	1.956	0.036	0.498	0.706	0.037	0.087	1.329	1.888
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/27/69-12/03/69	12	0.348	0.465	1.206	0.02	0.204	0.451	0.024	0.054	0.994	1.177
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/21/69-08/13/69	4	5.3	5.425	7.9	3.2	5.863	2.421	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	01/27/69-12/03/69	12	22.	21.75	34.	12.	54.568	7.387	12.3	13.75	27.75	32.8
00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/27/69-12/03/69	12	5.25	5.342	8.5	2.5	5.737	2.395	2.5	2.825	8.125	8.5
00929	SODIUM, TOTAL (MG/L AS NA)	01/27/69-12/03/69	12	10.8	14.617	45.	1.3	209.982	14.491	1.72	2.975	23.8	42.9
00937	POTASSIUM, TOTAL MG/L AS K)	01/27/69-12/03/69	12	2.65	2.65	5.8	0.9	2.021	1.422	1.02	1.35	3.425	5.26
00940	CHLORIDE,TOTAL IN WATER MG/L	01/27/69-12/03/69	12	7.5	15.833	68.	4.	384.333	19.604	4.	5.25	14.75	60.5
00945	SULFATE, TOTAL (MG/L AS SO4)	01/27/69-12/03/69	12	23.5	26.5	46.	15.	107.182	10.353	15.9	18.25	35.75	44.8
00951	FLUORIDE, TOTAL (MG/L AS F)	01/27/69-12/03/69	12	0.07	0.07	0.1	0.03	0.	0.018	0.039	0.06	0.08	0.097
00956	SILICA, TOTAL (MG/L AS SI02)	01/27/69-12/03/69	12	6.3	6.708	11.	4.1	2.992	1.73	4.46	5.8	7.575	10.1
01045	IRON, TOTAL (UG/L AS FE)	01/27/69-12/03/69	12	390.	397.5	640.	130.	29038.636	170.407	151.	245.	570.	637.
01046	IRON, DISSOLVED (UG/L AS FE)	01/27/69-12/03/69	12	135.	141.667	300.	25.	7919.697	88.993	25.	62.5	192.5	294.
01047	IRON, FERROUS (UG/L AS FE)	01/27/69-12/03/69	12 ##	37.5	46.667	100.	25.	792.424	28.15	25.	25.	57.5	100.
01055	MANGANESE, TOTAL (UG/L AS MN)	01/27/69-12/03/69	12	105.	125.833	260.	40.	4371.97	66.121	46.	67.5	172.5	245.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	02/24/69-12/03/69	10	85.	97.	210.	40.	2445.556	49.453	42.	67.5	112.5	204.
01501	ALPHA, TOTAL	01/27/69-11/06/69	9 ##	0.5	0.833	2.	0.5	0.437	0.661	0.5	0.5	1.25	2.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0076

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01503	ALPHA, DISSOLVED	01/27/69-11/06/69	9 ##	0.5	0.667	2.	0.5	0.25	0.5	0.5	0.5	0.5	2.
03501	BETA, TOTAL	01/27/69-11/06/69	9	4.	5.444	13.	2.	13.028	3.609	2.	2.5	8.	13.
03503	BETA, DISSOLVED	01/27/69-11/06/69	9	3.	4.222	12.	1.	11.694	3.42	1.	2.	6.	12.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/07/67-12/03/69	14	2950.	48913.571	640000.	120.28952	670055.495	170154.841	260.	867.5	6150.	325900.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/07/67-12/03/69	14	3.47	3.477	5.806	2.079	0.742	0.861	2.341	2.918	3.788	4.939
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2998.917								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/07/67-12/03/69	14	550.	662.857	1610.	10.	320468.132	566.099	15.	205.	1200.	1605.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/07/67-12/03/69	14	2.74	2.528	3.207	1.	0.469	0.685	1.151	2.285	3.079	3.205
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			337.444								
46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	01/27/69-12/03/69	12	85.	73.75	120.	11.	977.295	31.262	20.6	45.75	95.75	114.
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	05/21/71-05/21/71	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0076

				Total	Exceed	Prop.	----------6/01-10/31----------			----------11/01-2/29----------			----------3/01-5/31----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	12	0	0.00	5	0	0.00	4	0	0.00	3	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	13 &	5	0.38	6	5	0.83	4	0	0.00	3	0	0.00			
00400	PH	Fresh Chronic	9.	13	0	0.00	6	0	0.00	4	0	0.00	3	0	0.00			
		Other-Lo Lim.	6.5	13	0	0.00	6	0	0.00	4	0	0.00	3	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	12	0	0.00	5	0	0.00	4	0	0.00	3	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	12	0	0.00	5	0	0.00	4	0	0.00	3	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	12	0	0.00	5	0	0.00	4	0	0.00	3	0	0.00			
		Drinking Water	250.	12	0	0.00	5	0	0.00	4	0	0.00	3	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	12	0	0.00	5	0	0.00	4	0	0.00	3	0	0.00			
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	12	0	0.00	5	0	0.00	4	0	0.00	3	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	14	11	0.79	7	7	1.00	4	1	0.25	3	3	1.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	14	11	0.79	7	7	1.00	4	1	0.25	3	3	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0077

NPS Station ID: CHCH0077 LAT/LON: 34.983892/ -85.327781 Agency: 21GAEPD Date Created: 03/18/89
Location: CHATTANOOGA CREEK - STATE LINE WEST OF ROSSVILLE FIPS State/County: 13295 GEORGIA/WALKER
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 15100001
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: TENNESSEE RIVER Elevation: 0 Water Body Id:
Minor Basin: TENNESSEE RIVER ECO Region:
RF1 Index: 06020001 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 06020001130000.00 RF3 Mile Point: 0.46 Distance from RF3: 0.26 On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/16/83-01/07/97	147	0.	0.068	10.	0.	0.68	0.825	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/06/82-01/07/97	134	14.75	14.757	32.	2.	37.319	6.109	6.25	10.	20.	22.25
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/01/84-01/07/97	85	18.	17.88	33.	0.5	61.534	7.844	7.	12.	24.5	28.
00065	STAGE, STREAM (FEET)	08/10/95-01/07/97	17	2.45	2.921	8.8	1.42	3.519	1.876	1.452	1.62	3.35	6.144
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/06/82-01/07/97	135	9.	14.037	150.	2.	374.215	19.345	4.	5.	14.	24.
00080	COLOR (PLATINUM-COBALT UNITS)	10/06/82-12/10/90	72	10.	19.028	240.	2.5	956.436	30.926	5.	5.	20.	43.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/31/87-01/07/97	8	134.5	144.125	275.	28.	5623.268	74.988	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/06/82-01/07/97	143	175.	179.056	323.	13.	3310.574	57.538	110.2	136.	228.	253.
00300	OXYGEN, DISSOLVED MG/L	10/06/82-01/07/97	134	7.7	7.751	12.8	1.9	5.129	2.265	4.75	6.1	9.6	10.5
00310	BOD, 5 DAY, 20 DEG C MG/L	10/06/82-01/07/97	135	0.7	0.839	2.8	0.1	0.267	0.517	0.3	0.5	1.1	1.54
00312	BOD, 6 DAY, 20 DEG C MG/L	10/07/91-10/07/91	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	08/31/87-08/31/87	1	9.2	9.2	9.2	9.2	0.	0.	**	**	**	**
00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	10/06/82-10/06/82	1	35800.	35800.	35800.	35800.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	03/20/86-01/07/97	23	7.62	7.693	9.	7.2	0.173	0.416	7.236	7.44	7.83	8.372
00400	CONVERTED PH (STANDARD UNITS)	03/20/86-01/07/97	23	7.62	7.569	9.	7.2	0.189	0.435	7.236	7.44	7.83	8.372
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/20/86-01/07/97	23	0.024	0.027	0.063	0.001	0.	0.017	0.005	0.015	0.036	0.058
00403	PH, LAB, STANDARD UNITS SU	10/06/82-01/07/97	137	7.5	7.474	8.3	6.4	0.055	0.234	7.2	7.3	7.6	7.7
00403	CONVERTED PH, LAB, STANDARD UNITS	10/06/82-01/07/97	137	7.5	7.401	8.3	6.4	0.06	0.245	7.2	7.3	7.6	7.7
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/06/82-01/07/97	137	0.032	0.04	0.398	0.005	0.001	0.036	0.02	0.025	0.05	0.063
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/16/83-01/07/97	134	59.5	66.015	155.	18.	734.316	27.098	36.	45.	85.	104.5
00500	RESIDUE, TOTAL (MG/L)	11/16/83-11/07/89	58	140.	159.914	372.	64.	5385.624	73.387	88.	108.	183.	298.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/06/82-01/07/97	133	11.	16.165	202.	0.5	544.87	23.342	2.4	6.	19.	28.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/06/82-01/07/97	135	0.04	0.047	0.52	0.01	0.003	0.057	0.015	0.015	0.06	0.09
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/06/82-01/07/97	135	0.27	0.273	0.71	0.01	0.01	0.102	0.166	0.22	0.32	0.374
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/06/82-01/07/97	135	0.04	0.314	34.32	0.01	8.698	2.949	0.01	0.02	0.08	0.13
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/06/82-01/07/97	133	2.	2.629	13.3	0.5	4.218	2.054	0.5	1.4	3.45	4.86
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/06/82-01/07/97	127	80.	83.126	146.	30.	678.968	26.057	51.8	62.	102.	120.
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	10/06/82-10/06/82	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/06/82-10/06/82	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/06/82-10/06/82	1	13.	13.	13.	13.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/06/82-10/06/82	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	10/06/82-10/06/82	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	10/06/82-10/06/82	1	690.	690.	690.	690.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	10/06/82-10/06/82	1	13.	13.	13.	13.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	10/06/82-10/06/82	1	170.	170.	170.	170.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	10/06/82-10/06/82	1	55.	55.	55.	55.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	10/06/82-10/06/82	1	14.	14.	14.	14.	0.	0.	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/06/82-01/07/97	134	330.	1502.601	49000.	10.	37679234.292	6138.341	80.	150.	700.	1400.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/06/82-01/07/97	134	2.519	2.532	4.69	1.	0.371	0.609	1.903	2.176	2.845	3.146
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			340.568								
34223	ANTHRACENE DRY WGTBOTUG/KG	10/06/82-10/06/82	1	4387.	4387.	4387.	4387.	0.	0.	**	**	**	**
34304	CHLOROBENZENE DRY WGTBOTUG/KG	10/06/82-10/06/82	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
34379	FLUORANTHENE DRY WGTBOTUG/KG	10/06/82-10/06/82	1	3875.	3875.	3875.	3875.	0.	0.	**	**	**	**
34381	FLUORENE TOTWUG/L	10/06/82-10/06/82	1 ##	500.	500.	500.	500.	0.	0.	**	**	**	**
34445	NAPHTHALENE DRY WGTBOTUG/KG	10/06/82-10/06/82	1 ##	500.	500.	500.	500.	0.	0.	**	**	**	**
34472	PYRENE DRY WGTBOTUG/KG	10/06/82-10/06/82	1	2632.	2632.	2632.	2632.	0.	0.	**	**	**	**
70318	SOLIDS, TOTAL, PERCENT OF WET SAMPLE	10/06/82-10/06/82	1	75.7	75.7	75.7	75.7	0.	0.	**	**	**	**
70322	SOLIDS, VOLATILE, PERCENT OF TOTAL SOLIDS	10/06/82-10/06/82	1	2.7	2.7	2.7	2.7	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	10/06/82-10/06/82	2 ##	0.075	0.075	0.1	0.05	0.001	0.035	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0077

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	135	7	0.05	54	4	0.07	48	2	0.04	33	1	0.03			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	134	7	0.05	53	7	0.13	49	0	0.00	32	0	0.00			
00400	PH	Fresh Chronic	9.	23	1	0.04	10	0	0.00	8	0	0.00	5	1	0.20			
		Other-Lo Lim.	6.5	23	0	0.00	10	0	0.00	8	0	0.00	5	0	0.00			
00403	PH, LAB	Fresh Chronic	9.	137	0	0.00	54	0	0.00	49	0	0.00	34	0	0.00			
		Other-Lo Lim.	6.5	137	1	0.01	54	0	0.00	49	0	0.00	34	1	0.03			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	135	0	0.00	54	0	0.00	48	0	0.00	33	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	133 &	91	0.68	53	43	0.81	47	27	0.57	33	21	0.64			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1982 - Station CHCH0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/06/82-01/07/97	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/06/82-01/07/97	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/06/82-12/10/90	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/06/82-01/07/97	1	239.	239.	239.	239.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/06/82-01/07/97	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	10/06/82-01/07/97	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/06/82-01/07/97	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/06/82-01/07/97	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/06/82-01/07/97	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/06/82-01/07/97	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/06/82-01/07/97	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/06/82-01/07/97	1	0.21	0.21	0.21	0.21	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/06/82-01/07/97	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/06/82-01/07/97	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/06/82-01/07/97	1	102.	102.	102.	102.	0.	0.	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/06/82-01/07/97	1	490.	490.	490.	490.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/06/82-01/07/97	1	2.69	2.69	2.69	2.69	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			490.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station CHCH0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/16/83-01/07/97	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/06/82-01/07/97	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/06/82-01/07/97	2	13.	13.	20.	6.	98.	9.899	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/06/82-12/10/90	2	15.	15.	25.	5.	200.	14.142	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/06/82-01/07/97	2	160.	160.	202.	118.	3528.	59.397	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/06/82-01/07/97	1	9.8	9.8	9.8	9.8	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	10/06/82-01/07/97	2	1.4	1.4	1.7	1.1	0.18	0.424	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/06/82-01/07/97	2	7.5	7.5	7.7	7.3	0.08	0.283	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/06/82-01/07/97	2	7.455	7.455	7.7	7.3	0.084	0.29	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/06/82-01/07/97	2	0.035	0.035	0.05	0.02	0.	0.021	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/16/83-01/07/97	2	46.	46.	55.	37.	162.	12.728	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	11/16/83-11/07/89	2	122.	122.	168.	76.	4232.	65.054	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/06/82-01/07/97	2	16.5	16.5	22.	11.	60.5	7.778	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/06/82-01/07/97	2	0.055	0.055	0.08	0.03	0.001	0.035	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/06/82-01/07/97	2	0.265	0.265	0.31	0.22	0.004	0.064	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/06/82-01/07/97	2 ##	0.045	0.045	0.08	0.01	0.002	0.049	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/06/82-01/07/97	2	2.9	2.9	4.1	1.7	2.88	1.697	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/06/82-01/07/97	2	64.	64.	82.	46.	648.	25.456	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/06/82-01/07/97	2	24817.5	24817.5	49000.	635.	1169586612.5	34199.219	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/06/82-01/07/97	2	3.746	3.746	4.69	2.803	1.781	1.335	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5578.082								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station CHCH0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/16/83-01/07/97	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/06/82-01/07/97	10	17.	16.2	22.	7.	26.456	5.143	7.35	11.625	21.625	22.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/01/84-01/07/97	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/06/82-01/07/97	11	10.	10.545	20.	5.	18.873	4.344	5.4	7.	12.	19.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station CHCH0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00080	COLOR (PLATINUM-COBALT UNITS)	10/06/82-12/10/90	10	10.	8.75	15.	2.5	12.847	3.584	2.75	5.	10.	14.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/06/82-01/07/97	11	158.	156.727	246.	23.	4636.218	68.09	38.4	103.	230.	244.4
00300	OXYGEN, DISSOLVED MG/L	10/06/82-01/07/97	11	8.4	7.809	10.8	4.8	5.173	2.274	4.92	5.5	9.7	10.7
00310	BOD, 5 DAY, 20 DEG C MG/L	10/06/82-01/07/97	11	0.7	0.745	1.5	0.2	0.173	0.416	0.22	0.3	1.	1.46
00403	PH, LAB, STANDARD UNITS SU	10/06/82-01/07/97	11	7.7	7.645	7.8	7.3	0.017	0.129	7.36	7.6	7.7	7.78
00403	CONVERTED PH, LAB, STANDARD UNITS	10/06/82-01/07/97	11	7.7	7.625	7.8	7.3	0.017	0.131	7.36	7.6	7.7	7.78
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/06/82-01/07/97	11	0.02	0.024	0.05	0.016	0.	0.009	0.017	0.02	0.025	0.045
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/16/83-01/07/97	11	55.	65.455	108.	33.	764.073	27.642	33.4	36.	91.	107.2
00500	RESIDUE, TOTAL (MG/L)	11/16/83-11/07/89	10	120.	132.8	220.	76.	2363.733	48.618	77.2	88.	168.	217.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/06/82-01/07/97	10	14.5	13.9	24.	4.	35.656	5.971	4.3	9.25	19.	23.5
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/06/82-01/07/97	8	0.05	0.058	0.11	0.02	0.001	0.033	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/06/82-01/07/97	8	0.245	0.229	0.33	0.01	0.011	0.103	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/06/82-01/07/97	8	0.03	0.03	0.06	0.01	0.	0.021	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/06/82-01/07/97	8	1.7	1.875	3.5	0.5	0.825	0.908	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/06/82-01/07/97	7	104.	95.429	120.	52.	614.286	24.785	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/06/82-01/07/97	8	480.	1965.	11000.	230.	13792142.857	3713.777	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/06/82-01/07/97	8	2.659	2.853	4.041	2.362	0.333	0.577	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			712.519								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station CHCH0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/16/83-01/07/97	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/06/82-01/07/97	10	16.	14.3	21.	4.	34.844	5.903	4.15	10.375	19.625	20.9
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/01/84-01/07/97	6	18.	17.	27.	3.	84.4	9.187	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/06/82-01/07/97	9	14.	26.778	100.	4.	1039.444	32.24	4.	6.5	40.	100.
00080	COLOR (PLATINUM-COBALT UNITS)	10/06/82-12/10/90	10	10.	16.5	60.	5.	283.611	16.841	5.	8.75	18.75	57.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/06/82-01/07/97	10	147.5	165.8	254.	109.	2137.956	46.238	110.6	133.25	203.75	250.1
00300	OXYGEN, DISSOLVED MG/L	10/06/82-01/07/97	10	7.35	7.63	9.4	6.3	1.631	1.277	6.3	6.3	8.9	9.38
00310	BOD, 5 DAY, 20 DEG C MG/L	10/06/82-01/07/97	10	0.75	0.72	1.2	0.3	0.093	0.305	0.3	0.45	0.95	1.19
00403	PH, LAB, STANDARD UNITS SU	10/06/82-01/07/97	10	7.65	7.72	8.	7.3	0.051	0.225	7.33	7.6	7.925	8.
00403	CONVERTED PH, LAB, STANDARD UNITS	10/06/82-01/07/97	10	7.647	7.666	8.	7.3	0.054	0.232	7.33	7.6	7.925	8.
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/06/82-01/07/97	10	0.023	0.022	0.05	0.01	0.	0.012	0.01	0.012	0.025	0.048
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/16/83-01/07/97	10	49.	58.9	91.	38.	358.767	18.941	38.7	45.	78.75	90.3
00500	RESIDUE, TOTAL (MG/L)	11/16/83-11/07/89	10	126.	149.6	372.	88.	6710.044	81.915	89.6	107.	158.	351.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/06/82-01/07/97	10	13.	34.25	202.	0.5	3723.958	61.024	0.65	5.75	29.25	187.5
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/06/82-01/07/97	10	0.05	0.067	0.29	0.01	0.007	0.082	0.01	0.025	0.068	0.27
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/06/82-01/07/97	10	0.285	0.287	0.71	0.12	0.028	0.166	0.122	0.163	0.315	0.672
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/06/82-01/07/97	10 ##	0.01	0.019	0.06	0.01	0.	0.017	0.01	0.01	0.03	0.057
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/06/82-01/07/97	10	2.2	2.46	4.9	0.5	1.854	1.362	0.55	1.525	3.525	4.83
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/06/82-01/07/97	10	65.	73.2	112.	42.	501.511	22.394	43.4	56.	94.5	110.4
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/06/82-01/07/97	10	490.	769.	2300.	230.	482521.111	694.637	240.	337.5	1035.	2247.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/06/82-01/07/97	10	2.69	2.765	3.362	2.362	0.101	0.318	2.377	2.528	2.985	3.35
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			582.424								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station CHCH0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/16/83-01/07/97	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/06/82-01/07/97	11	13.	15.636	24.	2.	49.855	7.061	3.6	11.	23.	24.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/06/82-01/07/97	12	13.5	14.667	32.	3.	84.061	9.168	3.6	6.5	19.75	31.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station CHCH0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00080	COLOR (PLATINUM-COBALT UNITS)	10/06/82-12/10/90	12	10.	16.458	45.	2.5	202.794	14.241	3.25	5.	28.75	42.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/06/82-01/07/97	12	190.5	188.083	261.	90.	3514.629	59.284	93.	139.75	240.5	260.4
00300	OXYGEN, DISSOLVED MG/L	10/06/82-01/07/97	11	7.	6.764	12.8	1.9	9.955	3.155	2.12	4.5	9.4	12.12
00310	BOD, 5 DAY, 20 DEG C MG/L	10/06/82-01/07/97	11	1.	0.991	1.4	0.6	0.071	0.266	0.62	0.7	1.3	1.38
00403	PH, LAB, STANDARD UNITS SU	10/06/82-01/07/97	12	7.45	7.45	7.6	7.2	0.015	0.124	7.23	7.4	7.575	7.6
00403	CONVERTED PH, LAB, STANDARD UNITS	10/06/82-01/07/97	12	7.447	7.433	7.6	7.2	0.016	0.126	7.23	7.4	7.575	7.6
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/06/82-01/07/97	12	0.036	0.037	0.063	0.025	0.	0.011	0.025	0.027	0.04	0.059
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/16/83-01/07/97	12	67.	68.417	111.	29.	722.992	26.889	30.2	49.	94.	108.3
00500	RESIDUE, TOTAL (MG/L)	11/16/83-11/07/89	12	144.	150.	240.	84.	2331.636	48.287	86.4	116.	173.	236.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/06/82-01/07/97	12	14.5	14.833	36.	1.	111.424	10.556	1.3	5.25	23.25	33.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/06/82-01/07/97	12	0.06	0.067	0.1	0.04	0.	0.02	0.043	0.053	0.085	0.1
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/06/82-01/07/97	12	0.295	0.297	0.54	0.14	0.01	0.1	0.161	0.233	0.343	0.489
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/06/82-01/07/97	12	0.03	0.047	0.13	0.01	0.002	0.045	0.01	0.013	0.078	0.13
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/06/82-01/07/97	12	3.25	3.742	9.5	1.2	4.344	2.084	1.56	2.475	4.1	8.18
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/06/82-01/07/97	12	82.	81.833	120.	38.	630.152	25.103	41.6	63.5	101.5	117.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/06/82-01/07/97	12	410.	4525.833	49000.	10.	196273262.879	14009.756	46.	232.5	902.5	34630.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/06/82-01/07/97	12	2.604	2.672	4.69	1.	0.7	0.837	1.334	2.365	2.954	4.196
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			469.749								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station CHCH0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/16/83-01/07/97	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/06/82-01/07/97	11	12.	14.818	32.	8.	58.764	7.666	8.	9.	22.	30.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/06/82-01/07/97	11	13.	12.091	30.	2.	62.091	7.88	2.4	5.	15.	27.8
00080	COLOR (PLATINUM-COBALT UNITS)	10/06/82-12/10/90	10	7.5	14.75	55.	2.5	256.181	16.006	2.75	5.	21.25	52.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/06/82-01/07/97	11	229.	206.273	288.	82.	4690.218	68.485	91.4	130.	259.	284.8
00300	OXYGEN, DISSOLVED MG/L	10/06/82-01/07/97	11	6.4	7.	11.	3.7	8.022	2.832	3.76	4.4	9.7	10.82
00310	BOD, 5 DAY, 20 DEG C MG/L	10/06/82-01/07/97	11	1.6	1.564	2.3	0.7	0.237	0.486	0.74	1.3	1.9	2.28
00403	PH, LAB, STANDARD UNITS SU	10/06/82-01/07/97	11	7.4	7.427	8.	7.	0.074	0.272	7.02	7.3	7.6	7.94
00403	CONVERTED PH, LAB, STANDARD UNITS	10/06/82-01/07/97	11	7.4	7.357	8.	7.	0.08	0.282	7.02	7.3	7.6	7.94
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/06/82-01/07/97	11	0.04	0.044	0.1	0.01	0.001	0.026	0.012	0.025	0.05	0.096
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/16/83-01/07/97	10	86.5	77.3	128.	28.	1228.678	35.053	29.2	40.	101.75	127.4
00500	RESIDUE, TOTAL (MG/L)	11/16/83-11/07/89	8	166.	199.	336.	64.	12890.286	113.535	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/06/82-01/07/97	11	14.	15.136	33.	0.5	100.605	10.03	1.4	6.	23.	31.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/06/82-01/07/97	11	0.07	0.079	0.16	0.01	0.003	0.051	0.014	0.04	0.12	0.16
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/06/82-01/07/97	11	0.27	0.255	0.36	0.17	0.005	0.068	0.17	0.19	0.33	0.354
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/06/82-01/07/97	11	0.14	0.153	0.34	0.04	0.012	0.11	0.04	0.04	0.22	0.336
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/06/82-01/07/97	11	4.4	4.636	13.3	1.4	13.635	3.692	1.46	1.7	5.4	12.5
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/06/82-01/07/97	10	102.	88.4	120.	36.	896.711	29.945	37.8	57.	114.	119.4
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/06/82-01/07/97	10	320.	351.	790.	10.	69010.	262.698	11.	132.5	542.5	781.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/06/82-01/07/97	10	2.505	2.3	2.898	1.	0.413	0.643	1.03	1.998	2.729	2.892
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			199.469								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station CHCH0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/16/83-01/07/97	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/06/82-01/07/97	11	15.	14.318	23.	5.	44.014	6.634	5.2	6.5	20.	22.8
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/01/84-01/07/97	2	23.5	23.5	24.	23.	0.5	0.707	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/06/82-01/07/97	12	7.	13.583	86.	2.	534.447	23.118	2.3	4.25	9.75	65.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station CHCH0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00080	COLOR (PLATINUM-COBALT UNITS)	10/06/82-12/10/90	11	10.	36.136	240.	2.5	4811.705	69.366	3.	5.	40.	202.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/06/82-01/07/97	12	221.	201.	271.	64.	3690.909	60.753	83.2	161.5	247.25	265.6
00300	OXYGEN, DISSOLVED MG/L	10/06/82-01/07/97	12	7.1	7.2	11.	2.8	8.513	2.918	3.01	4.425	10.25	10.85
00310	BOD, 5 DAY, 20 DEG C MG/L	10/06/82-01/07/97	12	0.8	0.983	2.8	0.4	0.409	0.639	0.4	0.7	1.075	2.38
00403	PH, LAB, STANDARD UNITS SU	10/06/82-01/07/97	12	7.5	7.458	7.7	6.9	0.041	0.202	7.05	7.4	7.6	7.67
00403	CONVERTED PH, LAB, STANDARD UNITS	10/06/82-01/07/97	12	7.5	7.402	7.7	6.9	0.044	0.21	7.05	7.4	7.6	7.67
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/06/82-01/07/97	12	0.032	0.04	0.126	0.02	0.001	0.028	0.022	0.025	0.04	0.1
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/16/83-01/07/97	12	70.	70.917	113.	18.	745.174	27.298	26.1	49.75	96.75	108.8
00500	RESIDUE, TOTAL (MG/L)	11/16/83-11/07/89	9	196.	202.111	324.	96.	7045.611	83.938	96.	118.	285.	324.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/06/82-01/07/97	11	6.	14.455	75.	0.5	467.023	21.611	0.5	2.	17.	65.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/06/82-01/07/97	12	0.06	0.095	0.52	0.01	0.019	0.137	0.012	0.04	0.08	0.397
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/06/82-01/07/97	12	0.21	0.232	0.47	0.08	0.011	0.104	0.089	0.168	0.3	0.425
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/06/82-01/07/97	12	0.07	2.924	34.32	0.01	97.757	9.887	0.01	0.035	0.13	24.063
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/06/82-01/07/97	11	2.1	2.809	10.1	1.1	6.229	2.496	1.12	1.7	2.8	8.68
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/06/82-01/07/97	12	94.5	93.	138.	30.	868.909	29.477	38.1	74.25	116.25	131.7
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/06/82-01/07/97	12	392.5	590.833	1400.	20.	260203.788	510.102	53.	170.	1173.75	1370.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/06/82-01/07/97	12	2.58	2.547	3.146	1.301	0.296	0.544	1.545	2.23	3.061	3.136
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			352.751								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station CHCH0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/16/83-01/07/97	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/06/82-01/07/97	11	13.	12.691	22.	2.	42.881	6.548	2.7	8.6	19.5	22.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/01/84-01/07/97	9	17.1	16.178	28.	6.5	64.397	8.025	6.5	7.	22.5	28.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/06/82-01/07/97	11	9.	19.818	70.	3.	518.164	22.763	3.	6.	24.	67.4
00080	COLOR (PLATINUM-COBALT UNITS)	10/06/82-12/10/90	10	15.	17.5	50.	5.	162.5	12.748	5.5	10.	20.	47.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/06/82-01/07/97	11	168.	169.909	255.	104.	1693.491	41.152	107.6	144.	193.	244.8
00300	OXYGEN, DISSOLVED MG/L	10/06/82-01/07/97	10	8.5	8.75	11.8	4.9	5.416	2.327	5.01	7.125	11.025	11.76
00310	BOD, 5 DAY, 20 DEG C MG/L	10/06/82-01/07/97	11	1.	1.009	2.3	0.2	0.337	0.58	0.22	0.6	1.3	2.12
00403	PH, LAB, STANDARD UNITS SU	10/06/82-01/07/97	11	7.4	7.3	7.6	6.4	0.112	0.335	6.54	7.2	7.5	7.58
00403	CONVERTED PH, LAB, STANDARD UNITS	10/06/82-01/07/97	11	7.4	7.121	7.6	6.4	0.147	0.384	6.54	7.2	7.5	7.58
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/06/82-01/07/97	11	0.04	0.076	0.398	0.025	0.012	0.108	0.026	0.032	0.063	0.334
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/16/83-01/07/97	11	53.	53.636	101.	32.	377.255	19.423	32.4	36.	58.	94.8
00500	RESIDUE, TOTAL (MG/L)	11/16/83-11/07/89	7	140.	142.286	204.	112.	991.238	31.484	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/06/82-01/07/97	11	11.	18.773	81.	0.5	553.968	23.537	1.4	5.	25.	73.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/06/82-01/07/97	11	0.04	0.04	0.07	0.015	0.	0.019	0.015	0.015	0.06	0.068
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/06/82-01/07/97	11	0.28	0.285	0.34	0.21	0.002	0.048	0.214	0.24	0.34	0.34
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/06/82-01/07/97	11	0.1	0.095	0.17	0.01	0.003	0.052	0.012	0.05	0.13	0.164
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/06/82-01/07/97	10	3.95	3.54	5.7	1.4	2.934	1.713	1.43	1.775	5.275	5.68
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/06/82-01/07/97	10	71.	73.8	112.	39.	377.956	19.441	41.1	64.5	83.5	110.2
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/06/82-01/07/97	11	490.	2300.909	13000.	80.	14365909.091	3790.239	98.	220.	3300.	11060.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/06/82-01/07/97	11	2.69	2.874	4.114	1.903	0.501	0.708	1.969	2.342	3.519	3.995
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			747.91								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station CHCH0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/16/83-01/07/97	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/06/82-01/07/97	12	15.75	15.392	23.2	6.	27.423	5.237	6.9	11.25	20.5	22.54
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/01/84-01/07/97	11	17.	19.118	28.	13.	35.154	5.929	13.	13.	24.	27.96

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station CHCH0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/06/82-01/07/97	12	11.5	12.5	32.	4.	65.182	8.074	4.	6.	17.75	28.1
00080	COLOR (PLATINUM-COBALT UNITS)	10/06/82-12/10/90	6	12.5	25.	95.	5.	1210.	34.785	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/06/82-01/07/97	11	162.	177.455	252.	107.	2985.273	54.638	108.8	118.	228.	250.
00300	OXYGEN, DISSOLVED MG/L	10/06/82-01/07/97	12	7.55	7.392	10.5	2.6	5.695	2.386	3.14	6.15	9.525	10.23
00310	BOD, 5 DAY, 20 DEG C MG/L	10/06/82-01/07/97	12	0.5	0.658	2.	0.1	0.29	0.538	0.13	0.225	1.025	1.73
00403	PH, LAB, STANDARD UNITS SU	10/06/82-01/07/97	12	7.45	7.467	7.8	7.2	0.042	0.206	7.2	7.25	7.675	7.77
00403	CONVERTED PH, LAB, STANDARD UNITS	10/06/82-01/07/97	12	7.447	7.423	7.8	7.2	0.044	0.211	7.2	7.25	7.675	7.77
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/06/82-01/07/97	12	0.036	0.038	0.063	0.016	0.	0.017	0.017	0.021	0.057	0.063
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/16/83-01/07/97	11	67.	68.273	105.	30.	699.618	26.45	31.2	43.	96.	104.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/06/82-01/07/97	11	11.	14.909	29.	2.	128.491	11.335	2.2	6.	28.	29.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/06/82-01/07/97	12 ##	0.015	0.027	0.06	0.015	0.	0.016	0.015	0.015	0.04	0.057
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/06/82-01/07/97	12	0.245	0.248	0.41	0.11	0.007	0.085	0.128	0.183	0.308	0.392
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/06/82-01/07/97	12	0.06	0.052	0.07	0.01	0.	0.02	0.013	0.04	0.068	0.07
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/06/82-01/07/97	12	2.5	2.658	4.5	1.2	1.643	1.282	1.2	1.275	4.025	4.38
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/06/82-01/07/97	10	83.	80.8	116.	46.	754.844	27.474	46.2	51.	105.5	115.4
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/06/82-01/07/97	12	330.	382.5	790.	80.	61420.455	247.832	89.	170.	647.5	763.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/06/82-01/07/97	12	2.519	2.481	2.898	1.903	0.109	0.33	1.945	2.23	2.806	2.882
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			302.712								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station CHCH0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/16/83-01/07/97	13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/06/82-01/07/97	13	14.	15.869	26.5	8.5	35.464	5.955	8.7	11.	22.25	25.1
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/01/84-01/07/97	13	17.	19.908	32.	11.	59.344	7.704	11.32	12.	28.	30.4
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/06/82-01/07/97	12	7.	8.667	24.	3.	35.152	5.929	3.	5.	10.5	21.3
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/06/82-01/07/97	12	178.	194.917	323.	13.	7670.083	87.579	46.3	141.25	252.75	322.7
00300	OXYGEN, DISSOLVED MG/L	10/06/82-01/07/97	13	8.4	8.085	11.	5.1	3.415	1.848	5.42	6.5	9.55	10.76
00310	BOD, 5 DAY, 20 DEG C MG/L	10/06/82-01/07/97	11	0.6	0.655	1.2	0.1	0.165	0.406	0.1	0.4	1.1	1.18
00403	PH, LAB, STANDARD UNITS SU	10/06/82-01/07/97	12	7.5	7.525	8.3	7.2	0.078	0.28	7.23	7.325	7.575	8.12
00403	CONVERTED PH, LAB, STANDARD UNITS	10/06/82-01/07/97	12	7.5	7.465	8.3	7.2	0.082	0.287	7.23	7.325	7.575	8.12
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/06/82-01/07/97	12	0.032	0.034	0.063	0.005	0.	0.015	0.009	0.027	0.048	0.059
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/16/83-01/07/97	12	71.5	78.75	141.	41.	1070.932	32.725	41.3	45.5	105.75	131.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/06/82-01/07/97	11	9.	10.182	28.	2.	72.964	8.542	2.2	5.	10.	27.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/06/82-01/07/97	13 ##	0.015	0.04	0.2	0.015	0.003	0.05	0.015	0.015	0.045	0.144
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/06/82-01/07/97	13	0.23	0.281	0.57	0.13	0.017	0.13	0.15	0.2	0.34	0.546
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/06/82-01/07/97	13	0.07	0.077	0.13	0.04	0.001	0.035	0.04	0.04	0.115	0.13
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/06/82-01/07/97	13	2.	2.5	10.3	0.5	6.988	2.644	0.5	0.85	2.55	8.22
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/06/82-01/07/97	12	91.	97.333	146.	54.	887.515	29.791	55.8	78.5	120.5	143.6
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/06/82-01/07/97	12	330.	1310.417	11000.	20.	9455483.902	3074.977	56.	157.5	906.25	8090.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/06/82-01/07/97	12	2.519	2.572	4.041	1.301	0.434	0.659	1.555	2.19	2.937	3.763
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			373.616								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station CHCH0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/16/83-01/07/97	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/06/82-01/07/97	12	16.25	16.042	28.	5.	40.339	6.351	5.6	11.875	20.5	26.2
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/01/84-01/07/97	12	23.	20.683	30.	6.5	71.645	8.464	6.8	13.1	28.55	29.85
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/06/82-01/07/97	12	7.5	15.25	78.	2.	436.205	20.886	2.3	5.	17.5	61.8
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/06/82-01/07/97	12	162.5	164.833	245.	99.	1440.879	37.959	107.4	146.	182.25	234.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station CHCH0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300	OXYGEN, DISSOLVED MG/L	10/06/82-01/07/97	12	8.	8.333	11.5	6.6	2.621	1.619	6.63	6.9	9.9	11.2
00310	BOD, 5 DAY, 20 DEG C MG/L	10/06/82-01/07/97	12	0.6	0.733	2.1	0.1	0.462	0.68	0.1	0.2	0.95	2.07
00403	PH, LAB, STANDARD UNITS SU	10/06/82-01/07/97	12	7.45	7.425	7.7	7.	0.044	0.209	7.03	7.325	7.6	7.67
00403	CONVERTED PH, LAB, STANDARD UNITS	10/06/82-01/07/97	12	7.447	7.374	7.7	7.	0.047	0.216	7.03	7.325	7.6	7.67
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/06/82-01/07/97	12	0.036	0.042	0.1	0.02	0.001	0.024	0.022	0.025	0.048	0.094
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/16/83-01/07/97	12	53.5	55.	76.	22.	249.455	15.794	28.3	47.	70.75	75.7
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/06/82-01/07/97	12	8.	21.125	138.	0.5	1424.915	37.748	0.65	5.25	22.75	104.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/06/82-01/07/97	12 ##	0.015	0.019	0.06	0.015	0.	0.013	0.015	0.015	0.015	0.047
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/06/82-01/07/97	12	0.28	0.286	0.45	0.11	0.007	0.081	0.146	0.26	0.338	0.423
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/06/82-01/07/97	12	0.06	0.061	0.12	0.03	0.001	0.028	0.033	0.04	0.068	0.117
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/06/82-01/07/97	12	2.	2.142	5.1	0.5	2.146	1.465	0.5	0.775	3.35	4.77
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/06/82-01/07/97	12	75.	75.333	100.	44.	307.333	17.531	46.1	64.	91.25	99.4
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/06/82-01/07/97	12	280.	704.167	4900.	70.	1801044.697	1342.03	73.	117.5	685.	3640.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/06/82-01/07/97	12	2.44	2.489	3.69	1.845	0.265	0.515	1.862	2.068	2.835	3.437
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			308.05								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station CHCH0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/16/83-01/07/97	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/06/82-01/07/97	10	14.1	14.43	24.	6.1	32.733	5.721	6.29	9.5	19.	23.8
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/01/84-01/07/97	10	18.75	18.72	30.5	8.	63.893	7.993	8.	11.75	27.	30.15
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/06/82-01/07/97	10	6.	21.	150.	4.	2059.778	45.385	4.1	5.	10.25	136.1
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/06/82-01/07/97	10	190.5	190.3	277.	119.	3656.456	60.469	119.5	126.25	246.75	274.5
00300	OXYGEN, DISSOLVED MG/L	10/06/82-01/07/97	9	7.5	7.6	10.5	4.7	5.158	2.271	4.7	5.45	9.95	10.5
00310	BOD, 5 DAY, 20 DEG C MG/L	10/06/82-01/07/97	10	0.65	0.77	1.4	0.4	0.107	0.327	0.41	0.5	1.1	1.37
00403	PH, LAB, STANDARD UNITS SU	10/06/82-01/07/97	10	7.45	7.44	7.6	7.2	0.025	0.158	7.21	7.3	7.6	7.6
00403	CONVERTED PH, LAB, STANDARD UNITS	10/06/82-01/07/97	10	7.447	7.414	7.6	7.2	0.026	0.16	7.21	7.3	7.6	7.6
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/06/82-01/07/97	10	0.036	0.039	0.063	0.025	0.	0.014	0.025	0.025	0.05	0.062
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/16/83-01/07/97	10	61.5	67.4	117.	42.	701.822	26.492	42.	44.25	89.75	115.7
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/06/82-01/07/97	10	8.5	12.3	53.	3.	212.9	14.591	3.1	5.5	11.25	48.9
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/06/82-01/07/97	10 ##	0.015	0.024	0.06	0.015	0.	0.019	0.015	0.015	0.026	0.06
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/06/82-01/07/97	10	0.29	0.281	0.53	0.04	0.026	0.161	0.042	0.158	0.408	0.526
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/06/82-01/07/97	10	0.045	0.054	0.13	0.02	0.001	0.032	0.021	0.038	0.06	0.126
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/06/82-01/07/97	10	2.05	2.06	3.7	0.5	0.923	0.961	0.55	1.225	2.75	3.62
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/06/82-01/07/97	10	80.5	84.1	126.	56.	791.656	28.136	56.	56.	110.5	125.8
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/06/82-01/07/97	10	150.	378.1	1300.	50.	204451.656	452.163	50.	95.	598.25	1280.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/06/82-01/07/97	10	2.172	2.313	3.114	1.699	0.252	0.502	1.699	1.956	2.736	3.107
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			205.752								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station CHCH0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/16/83-01/07/97	6	0.	0.	0.	0.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/06/82-01/07/97	4	8.65	8.9	15.8	2.5	32.94	5.739	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/01/84-01/07/97	4	15.35	16.925	33.	4.	148.156	12.172	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/06/82-01/07/97	3	5.	4.667	5.	4.	0.333	0.577	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/06/82-01/07/97	6	138.5	141.5	178.	120.	548.7	23.424	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/06/82-01/07/97	4	10.2	10.075	12.6	7.3	6.203	2.49	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	10/06/82-01/07/97	4	0.5	0.5	0.9	0.1	0.113	0.337	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/06/82-01/07/97	4	7.35	7.35	7.4	7.3	0.003	0.058	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station CHCH0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	CONVERTED PH, LAB, STANDARD UNITS	10/06/82-01/07/97	4	7.347	7.347	7.4	7.3	0.003	0.058	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/06/82-01/07/97	4	0.045	0.045	0.05	0.04	0.	0.006	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/16/83-01/07/97	4	41.	42.	52.	34.	58.	7.616	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/06/82-01/07/97	4	7.	6.5	9.	3.	7.	2.646	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/06/82-01/07/97	4 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/06/82-01/07/97	4	0.38	0.385	0.49	0.29	0.007	0.082	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/06/82-01/07/97	4 ##	0.025	0.028	0.05	0.01	0.	0.021	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/06/82-01/07/97	4	1.	1.075	1.3	1.	0.023	0.15	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/06/82-01/07/97	5	60.	62.8	82.	54.	133.2	11.541	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/06/82-01/07/97	4	150.	177.5	330.	80.	14691.667	121.209	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/06/82-01/07/97	4	2.123	2.167	2.519	1.903	0.098	0.313	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			146.818								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station CHCH0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/16/83-01/07/97	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/06/82-01/07/97	4	15.	15.	22.	8.	56.667	7.528	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/01/84-01/07/97	4	15.5	15.75	22.	10.	37.583	6.131	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/06/82-01/07/97	4	7.	7.75	14.	3.	26.917	5.188	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/06/82-01/07/97	9	180.	186.778	253.	139.	2008.694	44.818	139.	142.	234.	253.
00300	OXYGEN, DISSOLVED MG/L	10/06/82-01/07/97	4	7.35	7.325	9.2	5.4	4.009	2.002	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	10/06/82-01/07/97	4 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/06/82-01/07/97	4	7.55	7.575	7.7	7.5	0.009	0.096	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/06/82-01/07/97	4	7.547	7.567	7.7	7.5	0.009	0.096	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/06/82-01/07/97	4	0.028	0.027	0.032	0.02	0.	0.006	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/16/83-01/07/97	4	61.5	72.25	117.	49.	924.917	30.412	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/06/82-01/07/97	4	12.5	12.25	21.	3.	91.583	9.57	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/06/82-01/07/97	4 ##	0.033	0.033	0.05	0.015	0.	0.02	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/06/82-01/07/97	4	0.3	0.288	0.33	0.22	0.002	0.05	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/06/82-01/07/97	4 ##	0.02	0.073	0.24	0.01	0.013	0.112	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/06/82-01/07/97	4 ##	1.25	1.5	3.	0.5	1.5	1.225	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/06/82-01/07/97	9	84.	90.444	140.	62.	728.778	26.996	62.	66.	114.	140.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/06/82-01/07/97	5 ##	130.	158.	450.	10.	29920.	172.974	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/06/82-01/07/97	5 ##	2.114	1.928	2.653	1.	0.384	0.62	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			84.809								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1996 - Station CHCH0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/16/83-01/07/97	13	0.	0.769	10.	0.	7.692	2.774	0.	0.	0.	6.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/06/82-01/07/97	12	14.5	14.833	23.	6.	36.288	6.024	6.	9.375	20.5	22.85
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/01/84-01/07/97	12	16.5	14.167	25.	0.5	56.379	7.509	1.55	7.625	19.	24.1
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/06/82-01/07/97	12	7.	9.417	35.	4.	71.356	8.447	4.3	5.	9.75	28.4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/06/82-01/07/97	12	178.5	167.333	226.	86.	2752.424	52.464	91.7	117.	216.	223.6
00300	OXYGEN, DISSOLVED MG/L	10/06/82-01/07/97	12	7.35	7.808	9.8	6.6	1.541	1.241	6.63	6.925	9.25	9.8
00310	BOD, 5 DAY, 20 DEG C MG/L	10/06/82-01/07/97	12 ##	0.5	0.617	1.3	0.5	0.076	0.276	0.5	0.5	0.5	1.24
00403	PH, LAB, STANDARD UNITS SU	10/06/82-01/07/97	12	7.35	7.383	7.9	7.	0.052	0.229	7.06	7.225	7.5	7.81
00403	CONVERTED PH, LAB, STANDARD UNITS	10/06/82-01/07/97	12	7.347	7.333	7.9	7.	0.055	0.235	7.06	7.225	7.5	7.81
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/06/82-01/07/97	12	0.045	0.046	0.1	0.013	0.001	0.023	0.016	0.032	0.06	0.089
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/16/83-01/07/97	12	74.5	72.5	155.	28.	1238.636	35.194	30.4	41.75	90.25	137.9

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1996 - Station CHCH0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/06/82-01/07/97	12	13.	14.5	37.	5.	78.273	8.847	5.3	8.25	18.75	32.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/06/82-01/07/97	12 ##	0.015	0.022	0.06	0.015	0.	0.016	0.015	0.015	0.015	0.057
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/06/82-01/07/97	12	0.275	0.274	0.39	0.16	0.003	0.057	0.181	0.235	0.31	0.369
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/06/82-01/07/97	12 ##	0.01	0.014	0.05	0.01	0.	0.012	0.01	0.01	0.01	0.041
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/06/82-01/07/97	12	2.	1.5	3.	0.5	0.727	0.853	0.5	0.5	2.	2.7
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/06/82-01/07/97	4	62.	72.	120.	44.	1138.667	33.744	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/06/82-01/07/97	12	140.	268.125	1400.	77.5	134664.915	366.967	78.25	95.	302.5	1079.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/06/82-01/07/97	12	2.145	2.246	3.146	1.889	0.125	0.354	1.893	1.976	2.474	2.958
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			176.064								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1997 - Station CHCH0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/16/83-01/07/97	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/06/82-01/07/97	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/01/84-01/07/97	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/06/82-01/07/97	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/06/82-01/07/97	1	147.	147.	147.	147.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/06/82-01/07/97	1	9.9	9.9	9.9	9.9	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	10/06/82-01/07/97	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/06/82-01/07/97	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/06/82-01/07/97	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/06/82-01/07/97	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/16/83-01/07/97	1	53.	53.	53.	53.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/06/82-01/07/97	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/06/82-01/07/97	1 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/06/82-01/07/97	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/06/82-01/07/97	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/06/82-01/07/97	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/06/82-01/07/97	1	70.	70.	70.	70.	0.	0.	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/06/82-01/07/97	1	330.	330.	330.	330.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/06/82-01/07/97	1	2.519	2.519	2.519	2.519	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			330.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 6/01 to 10/31 - Station CHCH0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/16/83-01/07/97	56	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/06/82-01/07/97	53	21.	20.385	32.	13.	13.885	3.726	14.08	18.5	22.25	24.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/01/84-01/07/97	34	24.	23.424	32.	9.5	29.935	5.471	17.	19.	28.	29.75
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/06/82-01/07/97	54	10.5	17.87	150.	3.	629.7	25.094	5.	7.	16.	28.
00080	COLOR (PLATINUM-COBALT UNITS)	10/06/82-12/10/90	28	10.	20.357	95.	5.	403.571	20.089	5.	10.	20.	51.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/06/82-01/07/97	55	230.	220.982	322.	23.	2349.796	48.475	167.2	204.	253.	265.
00300	OXYGEN, DISSOLVED MG/L	10/06/82-01/07/97	53	5.9	5.679	8.	1.9	1.992	1.411	3.58	4.75	6.7	7.26
00310	BOD, 5 DAY, 20 DEG C MG/L	10/06/82-01/07/97	53	0.8	0.936	2.8	0.1	0.355	0.596	0.24	0.5	1.25	1.96
00403	PH, LAB, STANDARD UNITS SU	10/06/82-01/07/97	54	7.55	7.543	7.9	7.	0.031	0.175	7.3	7.4	7.625	7.75
00403	CONVERTED PH, LAB, STANDARD UNITS	10/06/82-01/07/97	54	7.547	7.506	7.9	7.	0.032	0.179	7.3	7.4	7.625	7.75
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/06/82-01/07/97	54	0.028	0.031	0.1	0.013	0.	0.014	0.018	0.024	0.04	0.05
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/16/83-01/07/97	52	86.5	85.885	128.	22.	463.751	21.535	56.8	74.25	101.75	112.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/06/82-01/07/97	53	14.	21.557	202.	0.5	1032.151	32.127	6.	8.5	23.	28.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/06/82-01/07/97	54	0.05	0.053	0.29	0.01	0.002	0.047	0.015	0.015	0.06	0.105
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/06/82-01/07/97	54	0.26	0.26	0.49	0.04	0.008	0.091	0.14	0.2	0.313	0.365
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/06/82-01/07/97	54	0.06	0.074	0.34	0.01	0.005	0.074	0.01	0.03	0.09	0.18
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/06/82-01/07/97	53	2.4	2.768	9.5	0.5	2.126	1.458	1.48	2.	3.65	4.46
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/06/82-01/07/97	49	102.	101.837	146.	44.	431.973	20.784	72.	93.5	116.	122.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/06/82-01/07/97	54	490.	1813.519	49000.	80.	45455639.273	6742.08	130.	267.5	791.25	2300.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/06/82-01/07/97	54	2.69	2.74	4.69	1.903	0.256	0.506	2.114	2.427	2.898	3.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			549.635								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 2/29 - Station CHCH0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/16/83-01/07/97	54	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/06/82-01/07/97	49	9.	9.02	17.	2.	11.529	3.395	5.	6.05	11.5	13.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/01/84-01/07/97	31	11.8	10.713	19.8	0.5	23.335	4.831	4.	7.	14.	16.8
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/06/82-01/07/97	48	5.5	10.5	86.	2.	206.383	14.366	3.	4.	11.75	19.1
00080	COLOR (PLATINUM-COBALT UNITS)	10/06/82-12/10/90	26	10.	21.442	240.	2.5	2091.087	45.728	5.	5.	20.	32.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/06/82-01/07/97	52	156.5	161.904	323.	64.	2283.147	47.782	108.3	128.25	184.5	236.3
00300	OXYGEN, DISSOLVED MG/L	10/06/82-01/07/97	49	9.8	9.471	12.8	6.1	2.525	1.589	6.9	8.75	10.5	11.5
00310	BOD, 5 DAY, 20 DEG C MG/L	10/06/82-01/07/97	48	0.85	0.881	2.3	0.2	0.229	0.478	0.3	0.5	1.1	1.51
00403	PH, LAB, STANDARD UNITS SU	10/06/82-01/07/97	49	7.4	7.455	8.3	6.9	0.057	0.239	7.2	7.3	7.6	7.7
00403	CONVERTED PH, LAB, STANDARD UNITS	10/06/82-01/07/97	49	7.4	7.399	8.3	6.9	0.06	0.246	7.2	7.3	7.6	7.7
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/06/82-01/07/97	49	0.04	0.04	0.126	0.005	0.	0.021	0.02	0.025	0.05	0.063
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/16/83-01/07/97	48	53.	56.542	155.	18.	647.998	25.456	33.	41.25	62.	86.1
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/06/82-01/07/97	47	6.	11.372	81.	0.5	256.636	16.02	1.	3.	13.	24.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/06/82-01/07/97	48 ##	0.018	0.036	0.2	0.01	0.001	0.034	0.015	0.015	0.05	0.08
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/06/82-01/07/97	48	0.305	0.311	0.71	0.06	0.015	0.122	0.156	0.253	0.358	0.512
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/06/82-01/07/97	48	0.04	0.77	34.32	0.01	24.461	4.946	0.01	0.01	0.098	0.131
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/06/82-01/07/97	47	2.	2.902	13.3	0.5	6.957	2.638	0.5	1.2	4.1	5.18
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/06/82-01/07/97	47	70.	74.064	138.	30.	535.539	23.142	46.	58.	84.	110.8
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/06/82-01/07/97	47	230.	1687.415	49000.	10.	53369860.286	7305.468	50.	80.	490.	1320.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/06/82-01/07/97	47	2.362	2.383	4.69	1.	0.465	0.682	1.699	1.903	2.69	3.12
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			241.722								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 3/01 to 5/31 - Station CHCH0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/16/83-01/07/97	37	0.	0.27	10.	0.	2.703	1.644	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/06/82-01/07/97	32	15.	14.222	22.	6.5	12.506	3.536	9.02	12.	16.	18.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/01/84-01/07/97	20	19.5	19.565	33.	7.	41.419	6.436	12.1	14.25	24.75	27.45
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/06/82-01/07/97	33	8.	12.909	70.	2.	176.085	13.27	5.	5.	16.	31.2
00080	COLOR (PLATINUM-COBALT UNITS)	10/06/82-12/10/90	18	5.	13.472	55.	2.5	233.926	15.295	2.5	5.	20.	46.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/06/82-01/07/97	36	139.	139.778	229.	13.	1693.035	41.147	97.9	119.75	157.	195.6
00300	OXYGEN, DISSOLVED MG/L	10/06/82-01/07/97	32	8.6	8.55	11.4	4.9	2.077	1.441	6.6	7.825	9.55	10.64
00310	BOD, 5 DAY, 20 DEG C MG/L	10/06/82-01/07/97	34	0.6	0.629	1.6	0.1	0.137	0.371	0.1	0.4	0.725	1.15
00403	PH, LAB, STANDARD UNITS SU	10/06/82-01/07/97	34	7.4	7.394	8.	6.4	0.078	0.278	7.05	7.275	7.6	7.7
00403	CONVERTED PH, LAB, STANDARD UNITS	10/06/82-01/07/97	34	7.4	7.276	8.	6.4	0.092	0.303	7.05	7.275	7.6	7.7
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/06/82-01/07/97	34	0.04	0.053	0.398	0.01	0.004	0.065	0.02	0.025	0.053	0.09
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/16/83-01/07/97	34	46.	49.	106.	28.	268.97	16.4	32.	39.75	52.	74.5
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/06/82-01/07/97	33	10.	14.333	41.	0.5	116.089	10.774	5.	7.	20.	33.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/06/82-01/07/97	33 ##	0.015	0.053	0.52	0.01	0.008	0.089	0.015	0.015	0.06	0.1
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/06/82-01/07/97	33	0.24	0.239	0.37	0.01	0.004	0.066	0.17	0.195	0.28	0.32
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/06/82-01/07/97	33	0.04	0.043	0.13	0.01	0.001	0.033	0.01	0.01	0.06	0.092
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/06/82-01/07/97	33	1.7	2.015	9.3	0.5	3.414	1.848	0.5	0.75	2.5	4.88
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/06/82-01/07/97	31	64.	67.29	122.	36.	379.746	19.487	43.2	54.	75.	101.6
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/06/82-01/07/97	33	230.	730.606	11000.	10.	3771343.371	1941.995	56.	160.	335.	1438.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/06/82-01/07/97	33	2.362	2.404	4.041	1.	0.329	0.573	1.597	2.203	2.525	3.138
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			253.573								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: CHCH0078

NPS Station ID: CHCH0078
LAT/LON: 34.983892/ -85.331948
Agency: 131TVAC
Date Created: / /
Location: ST. ELMO NEAR TN-GA STATE LINE
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475556 /2615
RMI-Indexes: 1021500 007720 00920 6140 0280
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 009.27 000.26
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: UNNAMED TRIB. 0.26
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 2.20
On/Off RF1:
RF3 Index: 06020001000303.58
RF3 Mile Point: 4.58
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0078

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/27/69-05/21/69	5	1.	0.6	1.	0.	0.3	0.548	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/18/69-05/21/69	3	3700.	4800.	8000.	2700.	7930000.	2816.026	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/18/69-05/21/69	3	3.568	3.634	3.903	3.431	0.059	0.243	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4307.433								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/27/69-05/21/69	5	210.	408.	1400.	50.	314070.	560.419	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/27/69-05/21/69	5	2.322	2.332	3.146	1.699	0.284	0.533	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			214.929								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0078

				Total	Exceed	Prop.	6/01-10/31			11/01-2/29			3/01-5/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	3	3	1.00							3	3	1.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	5	3	0.60				2	1	0.50	3	2	0.67			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0079

NPS Station ID: CHCH0079
LAT/LON: 34.984170/ -85.305281
Agency: 131TVAC
Date Created: / /
Location: NEAR PONDS
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475378 /2576
RMI-Indexes: 1021500 007720 00920 6140
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 006.26
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: CHATTANOOGA CREEK 6.26
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 30.40
On/Off RF1:
RF3 Index: 06020001124801.45
RF3 Mile Point: 1.45
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0079

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/07/67-12/03/69	14	1.	0.929	1.	0.	0.071	0.267	0.5	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/07/67-12/03/69	14	16.15	15.686	27.2	5.1	50.972	7.139	6.	8.95	21.175	26.4
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/27/69-12/03/69	12	18.5	75.667	315.	6.	8828.242	93.959	6.6	10.5	121.	268.2
00080	COLOR (PLATINUM-COBALT UNITS)	09/07/67-10/11/67	2	17.5	17.5	30.	5.	312.5	17.678	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	09/07/67-10/11/67	2 ##	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/07/67-12/03/69	14	5.3	5.743	11.5	1.9	10.383	3.222	1.95	2.5	8.5	10.8
00304	BOD, 2 DAY, 20 DEG C MG/L	09/07/67-10/11/67	2	2.9	2.9	3.8	2.	1.62	1.273	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/07/67-10/11/67	2	47.	47.	70.	24.	1058.	32.527	**	**	**	**
00400	PH (STANDARD UNITS)	09/07/67-09/07/67	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/07/67-09/07/67	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/07/67-09/07/67	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	09/07/67-10/11/67	2	245.	245.	250.	240.	50.	7.071	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/07/67-10/11/67	2	205.	205.	220.	190.	450.	21.213	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/11/67-10/11/67	1	14.	14.	14.	14.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/07/67-10/11/67	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/07/67-10/11/67	2	45500.	45500.	60000.	31000.	420500000.	20506.097	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/07/67-10/11/67	2	4.635	4.635	4.778	4.491	0.041	0.203	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			43127.717								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/07/67-10/11/67	2 ##	2575.	2575.	5100.	50.	12751250.	3570.889	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/07/67-10/11/67	2 ##	2.703	2.703	3.708	1.699	2.017	1.42	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			504.975								
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	05/21/71-05/21/71	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0079

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	14	6	0.43	7	6	0.86	4	0	0.00	3	0	0.00			
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0079

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	2	1.00	2	2	1.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	2	1	0.50	2	1	0.50									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0080

NPS Station ID: CHCH0080 LAT/LON: 34.984449/ -85.299448 Agency: 21GAEPD Date Created: 04/08/89
Location: MCFARLAND BRANCH - N.OF STATE LINE RD; ROSSVILLE FIPS State/County: 13295 GEORGIA/WALKER
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 15300001
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: TENNESSEE RIVER Elevation: 0 Water Body Id:
Minor Basin: TENNESSEE RIVER ECO Region:
RF1 Index: 06020001 RF1 Mile Point: 0.000 Distance from RF1: 30.30 On/Off RF1:
RF3 Index: 06020001124801.45 RF3 Mile Point: 1.45 Distance from RF3: 0.01 On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/16/83-01/07/97	146	0.	0.068	10.	0.	0.685	0.828	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/15/83-01/07/97	141	16.	16.02	27.	2.9	38.852	6.233	7.66	11.2	22.	24.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/13/84-01/07/97	94	17.5	17.387	34.	0.5	63.911	7.994	7.05	11.	24.	28.1
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/16/83-01/07/97	143	5.	12.063	310.	0.5	944.352	30.73	2.	3.	7.	27.
00080	COLOR (PLATINUM-COBALT UNITS)	11/16/83-12/10/90	68	10.	20.331	220.	2.5	1101.288	33.186	5.	5.	18.75	50.
00083	COLOR,SPECTROPHTOMETRIC,FIL,WATER SPL ADMI UNITS	11/19/85-11/19/85	1	339.	339.	339.	339.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/31/87-01/07/97	7	325.	304.143	636.	35.	40182.143	200.455	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/16/83-01/07/97	144	403.5	640.354	6810.	111.	735538.412	857.635	295.5	345.5	557.5	963.5
00300	OXYGEN, DISSOLVED MG/L	12/15/83-01/07/97	142	8.4	8.202	12.9	2.5	4.736	2.176	5.6	6.5	9.7	11.11
00310	BOD, 5 DAY, 20 DEG C MG/L	11/16/83-01/07/97	142	1.35	2.194	36.	0.1	12.739	3.569	0.5	0.8	2.	4.34
00312	BOD, 6 DAY, 20 DEG C MG/L	10/07/91-10/07/91	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	10/29/84-08/31/87	3	8.8	8.1	14.5	1.	45.93	6.777	**	**	**	**
00400	PH (STANDARD UNITS)	12/16/87-01/07/97	27	7.69	7.713	8.1	7.3	0.032	0.179	7.486	7.63	7.79	7.988
00400	CONVERTED PH (STANDARD UNITS)	12/16/87-01/07/97	27	7.69	7.678	8.1	7.3	0.033	0.183	7.486	7.63	7.79	7.988
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/16/87-01/07/97	27	0.02	0.021	0.05	0.008	0.	0.009	0.01	0.016	0.023	0.033
00403	PH, LAB, STANDARD UNITS SU	11/16/83-01/07/97	144	7.9	7.935	8.9	7.3	0.057	0.238	7.6	7.8	8.1	8.2
00403	CONVERTED PH, LAB, STANDARD UNITS	11/16/83-01/07/97	144	7.9	7.872	8.9	7.3	0.061	0.247	7.6	7.8	8.1	8.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/83-01/07/97	144	0.013	0.013	0.05	0.001	0.	0.008	0.006	0.008	0.016	0.025
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/16/83-01/07/97	142	141.	132.451	172.	33.	698.32	26.426	96.6	123.	148.	156.
00500	RESIDUE, TOTAL (MG/L)	11/16/83-11/07/89	57	352.	508.895	3682.	148.	305708.132	552.909	215.2	285.	478.	1008.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/16/83-01/07/97	139	4.	13.346	188.	0.2	964.82	31.062	0.5	2.	9.	27.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/16/83-01/07/97	145	0.04	0.128	1.95	0.01	0.055	0.235	0.015	0.015	0.13	0.404
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/16/83-01/07/97	145	0.47	0.524	2.58	0.01	0.142	0.376	0.09	0.25	0.745	0.954
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/16/83-01/07/97	145	0.13	0.162	0.83	0.015	0.017	0.131	0.06	0.08	0.2	0.274
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	11/16/83-01/07/97	142	3.	4.711	60.	0.5	42.69	6.534	1.	2.	5.1	9.74
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/16/83-01/07/97	127	150.	145.63	376.	21.	1770.203	42.074	105.8	126.	160.	174.6
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/16/83-01/07/97	143	3300.	14224.895	330000.	0.	1273782679.038	35690.092	242.	790.	13000.	28300.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/16/83-01/07/97	143	3.519	3.448	5.519	0.	0.869	0.932	2.383	2.898	4.114	4.452
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2803.145								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0080

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	143	9	0.06	56	4	0.07	51	4	0.08	36	1	0.03			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	142	3	0.02	55	2	0.04	50	0	0.00	37	1	0.03			
00400	PH	Fresh Chronic	9.	27	0	0.00	11	0	0.00	10	0	0.00	6	0	0.00			
		Other-Lo Lim.	6.5	27	0	0.00	11	0	0.00	10	0	0.00	6	0	0.00			
00403	PH, LAB	Fresh Chronic	9.	144	0	0.00	56	0	0.00	51	0	0.00	37	0	0.00			
		Other-Lo Lim.	6.5	144	0	0.00	56	0	0.00	51	0	0.00	37	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	145	0	0.00	56	0	0.00	52	0	0.00	37	0	0.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	139 &	130	0.94	54	53	0.98	50	46	0.92	35	31	0.89			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1983 - Station CHCH0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/16/83-01/07/97	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/15/83-01/07/97	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/16/83-01/07/97	2	6.	6.	9.	3.	18.	4.243	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	11/16/83-12/10/90	2	5.	5.	5.	5.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/16/83-01/07/97	2	427.	427.	470.	384.	3698.	60.811	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	12/15/83-01/07/97	1	9.2	9.2	9.2	9.2	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	11/16/83-01/07/97	2	3.85	3.85	4.2	3.5	0.245	0.495	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	11/16/83-01/07/97	2	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	11/16/83-01/07/97	2	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/83-01/07/97	2	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/16/83-01/07/97	2	123.5	123.5	127.	120.	24.5	4.95	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	11/16/83-11/07/89	2	277.	277.	300.	254.	1058.	32.527	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/16/83-01/07/97	2	12.5	12.5	19.	6.	84.5	9.192	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/16/83-01/07/97	2	0.18	0.18	0.24	0.12	0.007	0.085	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/16/83-01/07/97	2	0.76	0.76	0.85	0.67	0.016	0.127	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/16/83-01/07/97	2	0.235	0.235	0.34	0.13	0.022	0.148	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	11/16/83-01/07/97	2	4.75	4.75	4.9	4.6	0.045	0.212	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/16/83-01/07/97	2	154.	154.	162.	146.	128.	11.314	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/16/83-01/07/97	2	57450.	57450.	110000.	4900.	5523005000.	74316.923	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/16/83-01/07/97	2	4.366	4.366	5.041	3.69	0.913	0.955	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			23216.374								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station CHCH0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/16/83-01/07/97	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/15/83-01/07/97	10	18.5	18.25	26.	8.5	32.181	5.673	8.95	13.	24.	25.8
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/13/84-01/07/97	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/16/83-01/07/97	11	5.	4.727	9.	2.	4.418	2.102	2.	3.	6.	8.6
00080	COLOR (PLATINUM-COBALT UNITS)	11/16/83-12/10/90	10	5.	16.5	110.	5.	1083.611	32.918	5.	5.	10.	100.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/16/83-01/07/97	11	736.	888.273	2170.	375.	299333.618	547.114	391.4	513.	977.	2062.
00300	OXYGEN, DISSOLVED MG/L	12/15/83-01/07/97	11	8.7	7.718	10.5	2.5	6.582	2.565	3.12	5.9	10.2	10.48
00310	BOD, 5 DAY, 20 DEG C MG/L	11/16/83-01/07/97	11	1.8	3.191	14.8	0.6	15.917	3.99	0.7	1.4	2.5	12.76
00403	PH, LAB, STANDARD UNITS SU	11/16/83-01/07/97	11	8.	8.045	8.3	7.7	0.027	0.163	7.74	8.	8.2	8.28
00403	CONVERTED PH, LAB, STANDARD UNITS	11/16/83-01/07/97	11	8.	8.016	8.3	7.7	0.028	0.166	7.74	8.	8.2	8.28
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/83-01/07/97	11	0.01	0.01	0.02	0.005	0.	0.004	0.005	0.006	0.01	0.018
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/16/83-01/07/97	11	136.	134.182	154.	113.	162.164	12.734	114.2	121.	141.	153.2
00500	RESIDUE, TOTAL (MG/L)	11/16/83-11/07/89	10	404.	489.5	1216.	164.	102606.944	320.323	173.	267.5	619.75	1177.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/16/83-01/07/97	10	1.5	3.2	11.	0.5	12.733	3.568	0.5	0.5	5.5	10.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/16/83-01/07/97	11	0.15	0.217	0.66	0.06	0.038	0.194	0.06	0.08	0.4	0.614
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/16/83-01/07/97	11	0.44	0.588	2.58	0.01	0.524	0.724	0.014	0.06	0.71	2.258
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/16/83-01/07/97	11	0.12	0.263	0.83	0.07	0.072	0.268	0.072	0.09	0.28	0.81
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	11/16/83-01/07/97	10	3.5	9.18	60.	2.2	320.077	17.891	2.21	2.45	5.1	54.51
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/16/83-01/07/97	10	150.	147.6	186.	126.	298.489	17.277	126.4	133.	156.	183.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/16/83-01/07/97	11	7900.	27598.182	148000.	790.	2110429216.364	45939.408	790.	1700.	28000.	134200.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/16/83-01/07/97	11	3.898	3.899	5.17	2.898	0.578	0.76	2.898	3.23	4.447	5.116
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7931.129								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station CHCH0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/16/83-01/07/97	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/15/83-01/07/97	12	19.	18.458	25.	6.	30.521	5.525	8.4	14.25	23.375	25.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/13/84-01/07/97	7	25.	20.714	32.	6.	99.238	9.962	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/16/83-01/07/97	12	5.	5.667	14.	3.	7.879	2.807	3.3	4.25	5.75	11.9
00080	COLOR (PLATINUM-COBALT UNITS)	11/16/83-12/10/90	10	10.	12.	35.	5.	73.333	8.563	5.	8.75	11.25	33.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/16/83-01/07/97	12	592.5	1023.917	2650.	345.	807976.629	898.875	375.9	473.	1806.	2650.
00300	OXYGEN, DISSOLVED MG/L	12/15/83-01/07/97	12	6.7	6.85	9.	4.	2.757	1.661	4.09	5.95	8.425	8.97
00310	BOD, 5 DAY, 20 DEG C MG/L	11/16/83-01/07/97	11	1.9	6.155	36.	1.	103.059	10.152	1.12	1.7	6.2	30.3
00403	PH, LAB, STANDARD UNITS SU	11/16/83-01/07/97	12	8.05	7.992	8.2	7.7	0.023	0.151	7.73	7.9	8.1	8.17
00403	CONVERTED PH, LAB, STANDARD UNITS	11/16/83-01/07/97	12	8.047	7.967	8.2	7.7	0.023	0.153	7.73	7.9	8.1	8.17
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/83-01/07/97	12	0.009	0.011	0.02	0.006	0.	0.004	0.007	0.008	0.013	0.019
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/16/83-01/07/97	12	142.	138.083	156.	108.	150.992	12.288	112.2	135.5	143.75	152.7
00500	RESIDUE, TOTAL (MG/L)	11/16/83-11/07/89	12	356.	555.667	1404.	220.	191890.788	438.053	232.	314.	812.	1404.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/16/83-01/07/97	12	1.5	3.625	24.	0.5	43.142	6.568	0.5	0.5	3.75	18.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/16/83-01/07/97	12	0.21	0.278	0.6	0.07	0.038	0.195	0.076	0.125	0.478	0.597
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/16/83-01/07/97	12	0.23	0.32	0.71	0.01	0.057	0.239	0.019	0.173	0.553	0.707
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/16/83-01/07/97	12	0.16	0.223	0.54	0.07	0.025	0.16	0.076	0.113	0.37	0.519
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	11/16/83-01/07/97	12	5.6	7.8	35.6	2.5	79.455	8.914	2.68	4.1	6.875	27.5
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/16/83-01/07/97	11	150.	166.364	376.	126.	4952.655	70.375	126.	140.	156.	332.4
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/16/83-01/07/97	12	20250.	51433.333	330000.	3300.	8817076969.697	93899.292	5130.	11000.	23000.	270000.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/16/83-01/07/97	12	4.302	4.334	5.519	3.519	0.276	0.525	3.655	4.041	4.362	5.397
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			21588.946								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station CHCH0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/16/83-01/07/97	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/15/83-01/07/97	11	13.	16.5	25.	5.	42.5	6.519	6.3	12.5	23.	24.6
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/16/83-01/07/97	11	5.	13.273	75.	3.	452.418	21.27	3.	3.	11.	64.6
00080	COLOR (PLATINUM-COBALT UNITS)	11/16/83-12/10/90	10	12.5	17.5	50.	10.	156.944	12.528	10.	10.	21.25	47.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/16/83-01/07/97	11	565.	611.273	1370.	190.	111625.218	334.104	209.4	357.	880.	1274.
00300	OXYGEN, DISSOLVED MG/L	12/15/83-01/07/97	11	6.5	7.164	11.3	4.5	5.667	2.38	4.5	4.5	9.3	10.96
00310	BOD, 5 DAY, 20 DEG C MG/L	11/16/83-01/07/97	10	2.15	3.49	7.6	1.3	6.883	2.624	1.34	1.775	7.05	7.56
00403	PH, LAB, STANDARD UNITS SU	11/16/83-01/07/97	11	7.8	7.873	8.1	7.7	0.018	0.135	7.7	7.8	8.	8.08
00403	CONVERTED PH, LAB, STANDARD UNITS	11/16/83-01/07/97	11	7.8	7.854	8.1	7.7	0.019	0.136	7.7	7.8	8.	8.08
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/83-01/07/97	11	0.016	0.014	0.02	0.008	0.	0.004	0.008	0.01	0.016	0.02
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/16/83-01/07/97	11	145.	132.	159.	63.	890.2	29.836	70.	117.	154.	158.6
00500	RESIDUE, TOTAL (MG/L)	11/16/83-11/07/89	11	340.	399.273	764.	212.	26338.618	162.292	219.2	288.	480.	731.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/16/83-01/07/97	11	8.	30.818	168.	0.5	2828.314	53.182	0.5	4.	24.	153.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/16/83-01/07/97	11	0.17	0.276	0.76	0.07	0.046	0.215	0.072	0.13	0.47	0.704
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/16/83-01/07/97	11	0.45	0.531	1.76	0.06	0.272	0.522	0.06	0.1	0.76	1.634
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/16/83-01/07/97	11	0.19	0.167	0.27	0.08	0.004	0.062	0.082	0.1	0.21	0.26
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	11/16/83-01/07/97	11	5.6	7.673	15.1	2.7	20.484	4.526	2.8	3.5	12.4	14.58
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/16/83-01/07/97	11	142.	134.818	174.	64.	874.164	29.566	75.2	120.	157.	171.2
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/16/83-01/07/97	11	4900.	11363.636	33000.	700.	151396545.455	12304.33	820.	2300.	23000.	33000.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/16/83-01/07/97	11	3.69	3.785	4.519	2.845	0.3	0.548	2.899	3.362	4.362	4.519
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6093.366								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station CHCH0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/16/83-01/07/97	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/15/83-01/07/97	10	12.	14.4	24.	6.	32.322	5.685	6.5	11.	18.5	23.9
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/16/83-01/07/97	10	7.5	13.5	50.	2.	218.5	14.782	2.2	4.75	18.75	47.7
00080	COLOR (PLATINUM-COBALT UNITS)	11/16/83-12/10/90	9	5.	12.778	55.	2.5	274.132	16.557	2.5	3.75	15.	55.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/16/83-01/07/97	10	435.	1630.9	6810.	199.	6662559.211	2581.193	208.8	327.75	2077.	6751.
00300	OXYGEN, DISSOLVED MG/L	12/15/83-01/07/97	10	9.15	8.19	12.3	3.6	7.137	2.671	3.8	5.9	10.05	12.09
00310	BOD, 5 DAY, 20 DEG C MG/L	11/16/83-01/07/97	10	2.1	3.48	10.8	1.1	11.391	3.375	1.1	1.4	4.75	10.57
00403	PH, LAB, STANDARD UNITS SU	11/16/83-01/07/97	10	7.9	7.93	8.3	7.6	0.058	0.241	7.61	7.7	8.125	8.29
00403	CONVERTED PH, LAB, STANDARD UNITS	11/16/83-01/07/97	10	7.889	7.873	8.3	7.6	0.061	0.248	7.61	7.7	8.125	8.29
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/83-01/07/97	10	0.013	0.013	0.025	0.005	0.	0.007	0.005	0.008	0.02	0.025
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/16/83-01/07/97	9	136.	125.222	157.	51.	1071.194	32.729	51.	108.	146.	157.
00500	RESIDUE, TOTAL (MG/L)	11/16/83-11/07/89	7	284.	751.714	3682.	160.	1674621.905	1294.072	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/16/83-01/07/97	10	12.5	12.2	27.	0.5	75.233	8.674	0.5	5.375	17.75	26.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/16/83-01/07/97	10	0.085	0.106	0.3	0.01	0.009	0.092	0.01	0.025	0.165	0.291
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/16/83-01/07/97	10	0.64	0.601	1.13	0.03	0.154	0.392	0.034	0.265	0.945	1.122
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/16/83-01/07/97	10	0.15	0.193	0.72	0.06	0.037	0.193	0.061	0.085	0.203	0.669
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	11/16/83-01/07/97	10	6.4	9.21	29.2	1.8	70.221	8.38	1.89	3.225	13.875	27.75
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/16/83-01/07/97	9	156.	152.222	246.	64.	2430.194	49.297	64.	123.5	175.5	246.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/16/83-01/07/97	8	12450.	25638.75	130000.	10.	1836163726.786	42850.481	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/16/83-01/07/97	8	4.064	3.772	5.114	1.	1.483	1.218	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5909.261								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station CHCH0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/16/83-01/07/97	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/15/83-01/07/97	11	17.	15.318	25.	4.5	47.664	6.904	5.1	9.	21.5	24.6
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/13/84-01/07/97	2	23.	23.	23.	23.	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/16/83-01/07/97	12	5.	11.	54.	2.	257.273	16.04	2.3	4.	6.5	48.
00080	COLOR (PLATINUM-COBALT UNITS)	11/16/83-12/10/90	10	10.	37.75	220.	2.5	4347.847	65.938	2.75	5.	38.75	203.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/16/83-01/07/97	12	497.	797.167	3780.	281.	913251.606	955.642	317.3	426.25	712.5	2931.
00300	OXYGEN, DISSOLVED MG/L	12/15/83-01/07/97	12	7.1	8.083	12.3	5.6	4.903	2.214	5.69	6.65	9.65	12.15
00310	BOD, 5 DAY, 20 DEG C MG/L	11/16/83-01/07/97	12	1.05	1.008	1.6	0.4	0.152	0.39	0.46	0.625	1.35	1.57
00403	PH, LAB, STANDARD UNITS SU	11/16/83-01/07/97	12	8.	7.983	8.4	7.6	0.049	0.221	7.63	7.825	8.1	8.34
00403	CONVERTED PH, LAB, STANDARD UNITS	11/16/83-01/07/97	12	8.	7.932	8.4	7.6	0.052	0.227	7.63	7.825	8.1	8.34
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/83-01/07/97	12	0.01	0.012	0.025	0.004	0.	0.006	0.005	0.008	0.015	0.024
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/16/83-01/07/97	12	139.5	129.333	160.	63.	877.879	29.629	69.6	117.75	149.75	158.8
00500	RESIDUE, TOTAL (MG/L)	11/16/83-11/07/89	9	360.	553.778	2120.	148.	358255.444	598.544	148.	293.	516.	2120.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/16/83-01/07/97	10	3.	18.4	113.	0.5	1318.433	36.31	0.5	1.625	16.	106.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/16/83-01/07/97	12	0.055	0.133	0.83	0.01	0.051	0.227	0.012	0.03	0.15	0.638
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/16/83-01/07/97	12	0.295	0.446	1.86	0.09	0.238	0.488	0.093	0.163	0.445	1.548
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/16/83-01/07/97	12	0.09	0.111	0.29	0.03	0.007	0.086	0.033	0.053	0.118	0.287
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	11/16/83-01/07/97	11	3.1	4.155	10.3	1.8	7.365	2.714	1.9	2.3	4.7	9.92
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/16/83-01/07/97	12	123.	121.75	162.	21.	1457.114	38.172	42.6	112.5	150.	162.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/16/83-01/07/97	12	3300.	9670.833	70000.	170.	379100626.515	19470.507	356.	892.5	9475.	53200.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/16/83-01/07/97	12	3.519	3.482	4.845	2.23	0.471	0.686	2.431	2.943	3.954	4.635
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3034.69								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station CHCH0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/16/83-01/07/97	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/15/83-01/07/97	11	12.	14.091	24.5	3.	55.841	7.473	3.3	8.	23.	24.4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/13/84-01/07/97	10	16.	15.01	26.	4.	62.879	7.93	4.3	7.075	23.625	25.8
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/16/83-01/07/97	12	9.5	25.333	100.	2.	980.97	31.32	2.	5.25	50.25	88.6
00080	COLOR (PLATINUM-COBALT UNITS)	11/16/83-12/10/90	11	20.	24.545	110.	5.	857.273	29.279	5.	10.	20.	94.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/16/83-01/07/97	12	430.5	433.583	635.	216.	15531.174	124.624	237.6	345.25	551.25	617.3
00300	OXYGEN, DISSOLVED MG/L	12/15/83-01/07/97	11	8.6	8.764	11.9	6.	4.399	2.097	6.	6.5	10.6	11.7
00310	BOD, 5 DAY, 20 DEG C MG/L	11/16/83-01/07/97	12	1.75	2.4	6.6	0.9	2.978	1.726	0.93	1.2	3.725	5.88
00403	PH, LAB, STANDARD UNITS SU	11/16/83-01/07/97	12	7.9	7.95	8.9	7.6	0.108	0.329	7.6	7.825	8.	8.63
00403	CONVERTED PH, LAB, STANDARD UNITS	11/16/83-01/07/97	12	7.9	7.874	8.9	7.6	0.114	0.338	7.6	7.825	8.	8.63
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/83-01/07/97	12	0.013	0.013	0.025	0.001	0.	0.007	0.004	0.01	0.015	0.025
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/16/83-01/07/97	12	133.	129.333	169.	69.	1143.879	33.821	75.9	98.	163.	167.5
00500	RESIDUE, TOTAL (MG/L)	11/16/83-11/07/89	6	360.	375.333	616.	200.	19906.667	141.091	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/16/83-01/07/97	12	11.	24.083	148.	0.5	1644.22	40.549	0.5	4.	29.75	113.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/16/83-01/07/97	12	0.055	0.06	0.15	0.015	0.002	0.044	0.015	0.019	0.082	0.144
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/16/83-01/07/97	12	0.565	0.569	1.09	0.18	0.057	0.238	0.216	0.405	0.698	1.003
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/16/83-01/07/97	12	0.16	0.184	0.41	0.05	0.008	0.087	0.077	0.143	0.23	0.359
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	11/16/83-01/07/97	11	5.4	5.591	11.9	2.6	7.495	2.738	2.64	3.6	6.6	11.22
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/16/83-01/07/97	12	120.	116.167	140.	78.	439.424	20.962	82.5	96.	136.5	140.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/16/83-01/07/97	12	3550.	11016.667	49000.	220.	227923569.697	15097.138	301.	967.5	19750.	42850.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/16/83-01/07/97	12	3.516	3.572	4.69	2.342	0.555	0.745	2.447	2.967	4.285	4.62
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3735.682								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station CHCH0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/16/83-01/07/97	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/15/83-01/07/97	12	17.	16.983	27.	7.	43.303	6.581	7.9	11.125	23.125	26.34
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/13/84-01/07/97	11	18.	18.909	29.5	9.	49.541	7.039	9.7	13.	25.	29.4
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/16/83-01/07/97	12	3.	30.167	310.	1.	7779.788	88.203	1.3	2.	10.75	220.3
00080	COLOR (PLATINUM-COBALT UNITS)	11/16/83-12/10/90	6	10.	25.	100.	5.	1360.	36.878	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/16/83-01/07/97	12	354.	336.	422.	111.	6685.091	81.762	165.9	302.25	390.25	415.7
00300	OXYGEN, DISSOLVED MG/L	12/15/83-01/07/97	12	8.7	8.7	10.8	5.8	2.504	1.582	6.19	7.45	10.375	10.74
00310	BOD, 5 DAY, 20 DEG C MG/L	11/16/83-01/07/97	12	1.05	1.342	4.4	0.2	1.177	1.085	0.32	0.725	1.6	3.68
00403	PH, LAB, STANDARD UNITS SU	11/16/83-01/07/97	12	8.1	8.017	8.2	7.6	0.029	0.17	7.69	7.9	8.1	8.2
00403	CONVERTED PH, LAB, STANDARD UNITS	11/16/83-01/07/97	12	8.1	7.981	8.2	7.6	0.03	0.174	7.69	7.9	8.1	8.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/83-01/07/97	12	0.008	0.01	0.025	0.006	0.	0.005	0.006	0.008	0.013	0.021
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/16/83-01/07/97	11	136.	126.182	145.	33.	1032.164	32.127	50.	122.	143.	144.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/16/83-01/07/97	11	2.	20.818	188.	0.5	3091.514	55.601	0.5	1.	9.	152.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/16/83-01/07/97	12	## 0.015	0.035	0.12	0.015	0.001	0.038	0.015	0.015	0.056	0.114
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/16/83-01/07/97	12	0.315	0.444	0.95	0.04	0.1	0.317	0.04	0.25	0.803	0.911
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/16/83-01/07/97	12	0.09	0.106	0.23	0.015	0.004	0.061	0.029	0.073	0.133	0.224
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	11/16/83-01/07/97	12	2.65	3.592	11.2	1.6	7.057	2.657	1.69	2.275	3.475	9.67
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/16/83-01/07/97	8	138.	129.5	160.	46.	1362.	36.905	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/16/83-01/07/97	12	1872.5	9512.083	54000.	220.	252757533.902	15898.35	301.	917.5	14725.	45000.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/16/83-01/07/97	12	3.266	3.457	4.732	2.342	0.52	0.721	2.447	2.952	4.147	4.627
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2862.455								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station CHCH0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/16/83-01/07/97	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/15/83-01/07/97	12	16.	18.242	27.	9.	40.055	6.329	9.9	13.25	24.725	26.55
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/13/84-01/07/97	12	20.75	21.158	34.	11.	59.63	7.722	11.45	13.275	27.75	32.26
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/16/83-01/07/97	11	3.	6.455	40.	1.	126.673	11.255	1.	2.	5.	33.2
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/16/83-01/07/97	11	375.	349.273	454.	171.	5916.418	76.918	193.2	307.	398.	445.
00300	OXYGEN, DISSOLVED MG/L	12/15/83-01/07/97	12	8.9	9.192	12.	7.	2.886	1.699	7.	8.05	10.775	11.94
00310	BOD, 5 DAY, 20 DEG C MG/L	11/16/83-01/07/97	11	1.2	1.655	8.4	0.3	5.263	2.294	0.34	0.5	1.5	7.08
00403	PH, LAB, STANDARD UNITS SU	11/16/83-01/07/97	11	8.1	8.009	8.4	7.4	0.083	0.288	7.44	7.9	8.2	8.36
00403	CONVERTED PH, LAB, STANDARD UNITS	11/16/83-01/07/97	11	8.1	7.907	8.4	7.4	0.094	0.307	7.44	7.9	8.2	8.36
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/83-01/07/97	11	0.008	0.012	0.04	0.004	0.	0.011	0.004	0.006	0.013	0.037
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/16/83-01/07/97	11	140.	129.273	156.	49.	867.218	29.449	60.8	128.	145.	154.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/16/83-01/07/97	10	2.5	3.15	7.	0.5	4.447	2.109	0.55	1.75	4.5	6.9
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/16/83-01/07/97	12 ##	0.015	0.035	0.11	0.015	0.001	0.036	0.015	0.015	0.04	0.11
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/16/83-01/07/97	12	0.37	0.358	0.69	0.06	0.047	0.216	0.06	0.18	0.543	0.684
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/16/83-01/07/97	12	0.145	0.134	0.25	0.03	0.005	0.067	0.039	0.063	0.188	0.235
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	11/16/83-01/07/97	12	2.2	2.975	11.2	1.	7.12	2.668	1.18	1.825	3.025	8.8
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/16/83-01/07/97	10	149.	140.4	164.	66.	838.933	28.964	71.4	135.	160.	163.6
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/16/83-01/07/97	12	855.	6949.167	35000.	130.	127697117.424	11300.315	169.	330.	10000.	31700.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/16/83-01/07/97	12	2.863	3.178	4.544	2.114	0.724	0.851	2.204	2.519	3.992	4.495
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1507.9								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station CHCH0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/16/83-01/07/97	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/15/83-01/07/97	12	16.5	16.592	24.5	5.2	34.332	5.859	6.04	13.475	21.875	23.9
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/13/84-01/07/97	12	21.65	20.267	30.	7.5	60.759	7.795	7.5	13.475	26.75	29.7
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/16/83-01/07/97	12	3.	9.333	40.	2.	165.697	12.872	2.	2.	10.25	37.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/16/83-01/07/97	12	361.	526.75	1824.	174.	224072.75	473.363	218.7	330.	382.	1620.3
00300	OXYGEN, DISSOLVED MG/L	12/15/83-01/07/97	11	7.9	8.582	11.9	6.3	3.66	1.913	6.32	6.8	10.2	11.76
00310	BOD, 5 DAY, 20 DEG C MG/L	11/16/83-01/07/97	12	0.85	0.808	1.5	0.1	0.224	0.474	0.16	0.4	1.175	1.47
00403	PH, LAB, STANDARD UNITS SU	11/16/83-01/07/97	12	8.	7.983	8.5	7.3	0.114	0.338	7.39	7.8	8.1	8.5
00403	CONVERTED PH, LAB, STANDARD UNITS	11/16/83-01/07/97	12	8.	7.856	8.5	7.3	0.132	0.363	7.39	7.8	8.1	8.5
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/83-01/07/97	12	0.01	0.014	0.05	0.003	0.	0.013	0.003	0.008	0.016	0.043
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/16/83-01/07/97	12	143.	136.917	158.	59.	687.538	26.221	80.6	132.75	152.5	157.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/16/83-01/07/97	12	2.5	10.833	64.	1.	386.152	19.651	1.	2.	7.	56.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/16/83-01/07/97	12 ##	0.015	0.025	0.09	0.015	0.	0.022	0.015	0.015	0.026	0.075
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/16/83-01/07/97	12	0.545	0.526	0.83	0.1	0.053	0.229	0.16	0.318	0.735	0.803
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/16/83-01/07/97	12	0.145	0.178	0.67	0.07	0.026	0.161	0.073	0.085	0.188	0.529
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	11/16/83-01/07/97	12	2.	2.333	5.3	0.5	1.702	1.305	0.65	1.5	3.3	4.79
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/16/83-01/07/97	12	159.	168.75	356.	80.	4254.75	65.228	95.6	141.5	177.25	305.6
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/16/83-01/07/97	12	3000.	7470.	35000.	130.	105966290.909	10293.993	190.	565.	11725.	29600.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/16/83-01/07/97	12	3.366	3.39	4.544	2.114	0.594	0.771	2.235	2.742	4.06	4.45
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2453.285								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station CHCH0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/16/83-01/07/97	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/15/83-01/07/97	10	15.1	15.25	25.	7.3	39.829	6.311	7.37	9.5	21.5	24.8
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/13/84-01/07/97	10	17.6	17.87	30.5	7.1	58.749	7.665	7.29	11.25	25.225	30.04

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station CHCH0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/16/83-01/07/97	10	3.	15.8	120.	1.	1352.178	36.772	1.1	2.	7.75	109.3
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/16/83-01/07/97	10	336.5	509.5	1556.	162.	175995.833	419.519	177.7	319.75	586.	1492.9
00300	OXYGEN, DISSOLVED MG/L	12/15/83-01/07/97	10	9.6	8.98	10.8	6.5	2.797	1.673	6.53	6.95	10.375	10.78
00310	BOD, 5 DAY, 20 DEG C MG/L	11/16/83-01/07/97	10	0.95	1.14	2.2	0.4	0.329	0.574	0.43	0.7	1.65	2.16
00403	PH, LAB, STANDARD UNITS SU	11/16/83-01/07/97	10	8.1	8.04	8.4	7.6	0.052	0.227	7.62	7.875	8.2	8.38
00403	CONVERTED PH, LAB, STANDARD UNITS	11/16/83-01/07/97	10	8.1	7.983	8.4	7.6	0.055	0.235	7.62	7.875	8.2	8.38
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/83-01/07/97	10	0.008	0.01	0.025	0.004	0.	0.006	0.004	0.006	0.013	0.024
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/16/83-01/07/97	10	144.	133.4	155.	66.	745.6	27.306	69.9	129.75	147.25	154.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/16/83-01/07/97	10	4.	20.95	156.	0.5	2325.581	48.224	0.55	2.5	10.5	143.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/16/83-01/07/97	10 ##	0.015	0.212	1.95	0.015	0.373	0.611	0.015	0.015	0.024	1.76
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/16/83-01/07/97	10	0.46	0.439	0.78	0.13	0.046	0.215	0.14	0.238	0.61	0.766
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/16/83-01/07/97	10	0.14	0.164	0.37	0.07	0.008	0.089	0.073	0.115	0.18	0.36
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	11/16/83-01/07/97	10	2.1	2.58	5.9	1.	2.337	1.529	1.02	1.5	3.625	5.74
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/16/83-01/07/97	10	153.	152.6	188.	88.	677.378	26.026	94.	149.5	166.5	186.6
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/16/83-01/07/97	10	1500.	4751.	17500.	230.	45113010.	6716.622	256.	715.	7925.	17450.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/16/83-01/07/97	10	3.172	3.293	4.243	2.362	0.378	0.615	2.395	2.846	3.825	4.242
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1964.852								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station CHCH0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/16/83-01/07/97	6	0.	0.	0.	0.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/15/83-01/07/97	6	10.7	10.317	16.5	2.9	21.734	4.662	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/13/84-01/07/97	6	11.8	13.583	28.3	2.	81.234	9.013	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/16/83-01/07/97	5	2.	2.4	6.	1.	4.3	2.074	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/16/83-01/07/97	6	421.	563.833	1203.	375.	101587.767	318.728	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	12/15/83-01/07/97	6	9.75	10.5	12.8	8.8	3.176	1.782	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	11/16/83-01/07/97	6	0.75	0.733	1.3	0.2	0.147	0.383	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	11/16/83-01/07/97	6	7.9	7.867	8.	7.7	0.011	0.103	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	11/16/83-01/07/97	6	7.9	7.856	8.	7.7	0.011	0.104	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/83-01/07/97	6	0.013	0.014	0.02	0.01	0.	0.003	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/16/83-01/07/97	6	147.	149.5	172.	131.	175.9	13.263	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/16/83-01/07/97	6	2.5	4.667	15.	1.	27.467	5.241	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/16/83-01/07/97	6 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/16/83-01/07/97	6	0.89	0.785	1.06	0.09	0.123	0.35	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/16/83-01/07/97	6	0.08	0.077	0.1	0.05	0.	0.02	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	11/16/83-01/07/97	6	1.	1.217	2.	1.	0.162	0.402	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/16/83-01/07/97	5	174.	182.	228.	160.	770.	27.749	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/16/83-01/07/97	6	1095.	2266.667	6400.	80.	6907746.667	2628.259	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/16/83-01/07/97	6	2.96	2.969	3.806	1.903	0.533	0.73	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			930.103								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station CHCH0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/16/83-01/07/97	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/15/83-01/07/97	10	14.85	15.56	24.	6.3	45.912	6.776	6.43	10.15	23.	23.9
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/13/84-01/07/97	10	11.5	13.7	22.	3.	45.567	6.75	3.5	8.75	20.5	22.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/16/83-01/07/97	10	2.5	4.2	14.	0.5	18.567	4.309	0.5	1.625	6.75	13.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/16/83-01/07/97	10	388.5	425.4	632.	314.	10717.6	103.526	318.2	362.	467.5	628.
00300	OXYGEN, DISSOLVED MG/L	12/15/83-01/07/97	10	7.65	7.62	12.9	4.3	9.446	3.073	4.33	4.675	10.125	12.75

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station CHCH0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00310	BOD, 5 DAY, 20 DEG C MG/L	11/16/83-01/07/97	10 ##	0.5	1.11	3.9	0.5	1.157	1.075	0.5	0.5	1.525	3.67
00403	PH, LAB, STANDARD UNITS SU	11/16/83-01/07/97	10	7.8	7.78	8.	7.4	0.033	0.181	7.42	7.675	7.925	8.
00403	CONVERTED PH, LAB, STANDARD UNITS	11/16/83-01/07/97	10	7.8	7.743	8.	7.4	0.034	0.186	7.42	7.675	7.925	8.
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/83-01/07/97	10	0.016	0.018	0.04	0.01	0.	0.009	0.01	0.012	0.021	0.038
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/16/83-01/07/97	10	152.5	145.9	162.	79.	584.322	24.173	85.7	146.	157.25	161.9
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/16/83-01/07/97	10	3.	3.66	16.	0.2	20.694	4.549	0.22	0.85	4.	14.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/16/83-01/07/97	10 ##	0.015	0.022	0.06	0.015	0.	0.015	0.015	0.015	0.021	0.058
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/16/83-01/07/97	10	0.55	0.59	0.99	0.18	0.093	0.304	0.188	0.26	0.908	0.987
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/16/83-01/07/97	10	0.095	0.101	0.2	0.05	0.002	0.045	0.05	0.065	0.125	0.194
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	11/16/83-01/07/97	10	2.	2.9	9.	0.5	6.267	2.503	0.5	1.625	3.5	8.6
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/16/83-01/07/97	10	165.	161.2	180.	110.	419.733	20.487	113.8	157.	175.5	180.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/16/83-01/07/97	10	710.	3772.5	17000.	220.	37125195.833	6093.045	221.	305.	6231.25	16600.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/16/83-01/07/97	10	2.848	3.056	4.23	2.342	0.481	0.693	2.344	2.479	3.728	4.219
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1137.095								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1996 - Station CHCH0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/16/83-01/07/97	13	0.	0.769	10.	0.	7.692	2.774	0.	0.	0.	6.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/15/83-01/07/97	12	16.5	16.	24.	7.	33.091	5.752	7.3	11.25	21.5	23.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/13/84-01/07/97	12	16.5	14.167	25.	0.5	56.379	7.509	1.55	7.625	19.	24.1
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/16/83-01/07/97	12	4.	9.5	68.	2.	343.182	18.525	2.	2.25	6.75	49.7
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/16/83-01/07/97	12	369.	357.5	495.	124.	8802.273	93.82	177.7	310.25	400.	485.7
00300	OXYGEN, DISSOLVED MG/L	12/15/83-01/07/97	12	7.05	7.292	9.4	5.4	2.015	1.42	5.49	5.975	8.9	9.34
00310	BOD, 5 DAY, 20 DEG C MG/L	11/16/83-01/07/97	12	1.4	1.592	3.2	0.5	0.697	0.835	0.5	1.025	2.375	2.99
00403	PH, LAB, STANDARD UNITS SU	11/16/83-01/07/97	12	7.7	7.692	8.	7.3	0.03	0.173	7.36	7.625	7.8	7.94
00403	CONVERTED PH, LAB, STANDARD UNITS	11/16/83-01/07/97	12	7.7	7.657	8.	7.3	0.031	0.177	7.36	7.625	7.8	7.94
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/83-01/07/97	12	0.02	0.022	0.05	0.01	0.	0.01	0.012	0.016	0.024	0.045
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/16/83-01/07/97	12	130.	125.5	148.	48.	773.364	27.809	66.6	113.25	144.5	147.7
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/16/83-01/07/97	12	5.5	12.25	87.	2.	563.295	23.734	2.	2.25	8.75	64.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/16/83-01/07/97	12	0.045	0.209	1.02	0.015	0.114	0.337	0.015	0.015	0.385	0.921
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/16/83-01/07/97	12	0.715	0.706	1.27	0.28	0.085	0.291	0.319	0.448	0.908	1.21
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/16/83-01/07/97	12	0.115	0.138	0.27	0.05	0.007	0.083	0.05	0.06	0.218	0.255
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	11/16/83-01/07/97	12	2.	1.708	3.	0.5	0.794	0.891	0.5	0.625	2.	3.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/16/83-01/07/97	4	131.	137.	166.	120.	417.333	20.429	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/16/83-01/07/97	12	745.	2841.667	13000.	0.	19596215.152	4426.761	0.	95.	3050.	12400.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/16/83-01/07/97	12	2.871	2.527	4.114	0.	2.047	1.431	0.	1.386	3.479	4.092
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			336.125								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1997 - Station CHCH0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/16/83-01/07/97	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/15/83-01/07/97	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/13/84-01/07/97	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/16/83-01/07/97	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/16/83-01/07/97	1	280.	280.	280.	280.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	12/15/83-01/07/97	1	8.7	8.7	8.7	8.7	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	11/16/83-01/07/97	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	11/16/83-01/07/97	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	11/16/83-01/07/97	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1997 - Station CHCH0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/83-01/07/97	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/16/83-01/07/97	1	96.	96.	96.	96.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/16/83-01/07/97	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/16/83-01/07/97	1 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/16/83-01/07/97	1	0.66	0.66	0.66	0.66	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/16/83-01/07/97	1	0.32	0.32	0.32	0.32	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	11/16/83-01/07/97	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/16/83-01/07/97	1	112.	112.	112.	112.	0.	0.	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/16/83-01/07/97	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/16/83-01/07/97	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 6/01 to 10/31 - Station CHCH0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/16/83-01/07/97	56	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/15/83-01/07/97	54	23.	21.78	27.	12.	13.666	3.697	15.25	19.75	24.125	25.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/13/84-01/07/97	37	24.	23.476	34.	9.5	34.02	5.833	15.2	19.5	28.	30.1
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/16/83-01/07/97	56	4.	13.545	310.	0.5	1831.212	42.793	1.7	2.	6.75	28.5
00080	COLOR (PLATINUM-COBALT UNITS)	11/16/83-12/10/90	26	10.	24.038	110.	5.	780.038	27.929	5.	10.	31.25	68.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/16/83-01/07/97	56	424.	550.911	2180.	111.	164830.628	405.993	317.5	347.75	574.25	916.1
00300	OXYGEN, DISSOLVED MG/L	12/15/83-01/07/97	55	6.4	6.424	9.4	2.5	1.598	1.264	4.62	5.8	7.	7.94
00310	BOD, 5 DAY, 20 DEG C MG/L	11/16/83-01/07/97	55	1.5	2.024	14.8	0.4	5.552	2.356	0.5	0.8	2.	4.22
00400	PH (STANDARD UNITS)	12/16/87-01/07/97	11	7.68	7.72	8.1	7.6	0.018	0.133	7.606	7.66	7.73	8.032
00400	CONVERTED PH (STANDARD UNITS)	12/16/87-01/07/97	11	7.68	7.705	8.1	7.6	0.018	0.134	7.606	7.66	7.73	8.032
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/16/87-01/07/97	11	0.021	0.02	0.025	0.008	0.	0.004	0.01	0.019	0.022	0.025
00403	PH, LAB, STANDARD UNITS SU	11/16/83-01/07/97	56	8.	7.932	8.2	7.5	0.032	0.178	7.67	7.8	8.1	8.2
00403	CONVERTED PH, LAB, STANDARD UNITS	11/16/83-01/07/97	56	8.	7.895	8.2	7.5	0.033	0.182	7.67	7.8	8.1	8.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/83-01/07/97	56	0.01	0.013	0.032	0.006	0.	0.006	0.006	0.008	0.016	0.022
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/16/83-01/07/97	55	142.	135.455	164.	33.	652.919	25.552	112.2	129.	150.	158.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/16/83-01/07/97	55	3.	14.182	188.	0.5	1294.994	35.986	0.5	1.	7.	30.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/16/83-01/07/97	56	0.055	0.168	1.95	0.01	0.103	0.321	0.015	0.015	0.158	0.523
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/16/83-01/07/97	56	0.27	0.354	2.58	0.01	0.132	0.363	0.06	0.18	0.448	0.645
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/16/83-01/07/97	56	0.14	0.158	0.73	0.015	0.011	0.106	0.067	0.1	0.198	0.256
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	11/16/83-01/07/97	55	3.4	5.258	60.	0.5	65.344	8.084	2.	2.3	5.1	9.6
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/16/83-01/07/97	49	140.	141.816	376.	46.	2008.695	44.818	93.	126.	152.	180.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/16/83-01/07/97	55	4900.	10875.	148000.	0.	436981134.259	20904.094	616.	1300.	13000.	25000.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/16/83-01/07/97	55	3.69	3.575	5.17	0.	0.625	0.791	2.783	3.114	4.114	4.396
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3754.587								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 2/29 - Station CHCH0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/16/83-01/07/97	52	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/15/83-01/07/97	51	11.	10.175	20.	2.9	13.72	3.704	5.04	7.6	13.	14.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/13/84-01/07/97	34	10.3	10.268	19.2	0.5	23.728	4.871	3.5	7.	13.	17.25
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/16/83-01/07/97	51	5.	13.716	120.	0.5	559.623	23.656	2.	3.	9.	40.
00080	COLOR (PLATINUM-COBALT UNITS)	11/16/83-12/10/90	23	10.	25.326	220.	2.5	2286.537	47.818	5.	5.	20.	80.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/16/83-01/07/97	51	391.	550.157	6810.	162.	830065.575	911.079	280.2	311.	482.	759.2
00300	OXYGEN, DISSOLVED MG/L	12/15/83-01/07/97	50	9.75	9.726	12.9	4.3	3.046	1.745	7.26	8.7	10.825	11.99
00310	BOD, 5 DAY, 20 DEG C MG/L	11/16/83-01/07/97	51	1.5	2.935	36.	0.2	27.703	5.263	0.5	0.8	2.6	7.08
00400	PH (STANDARD UNITS)	12/16/87-01/07/97	10	7.775	7.714	7.96	7.3	0.038	0.195	7.32	7.613	7.84	7.954
00400	CONVERTED PH (STANDARD UNITS)	12/16/87-01/07/97	10	7.775	7.67	7.96	7.3	0.04	0.201	7.32	7.613	7.84	7.954
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/16/87-01/07/97	10	0.017	0.021	0.05	0.011	0.	0.012	0.011	0.014	0.025	0.048
00403	PH, LAB, STANDARD UNITS SU	11/16/83-01/07/97	51	7.9	7.916	8.9	7.3	0.086	0.294	7.6	7.7	8.1	8.28
00403	CONVERTED PH, LAB, STANDARD UNITS	11/16/83-01/07/97	51	7.9	7.83	8.9	7.3	0.094	0.306	7.6	7.7	8.1	8.28
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/83-01/07/97	51	0.013	0.015	0.05	0.001	0.	0.009	0.005	0.008	0.02	0.025
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/16/83-01/07/97	50	134.5	126.5	172.	49.	882.663	29.71	70.6	109.5	147.25	157.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/16/83-01/07/97	48	5.	16.565	156.	0.2	1148.35	33.887	0.5	2.	11.75	39.1
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/16/83-01/07/97	52	0.045	0.099	0.76	0.015	0.021	0.144	0.015	0.015	0.12	0.24
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/16/83-01/07/97	52	0.685	0.682	1.86	0.04	0.138	0.372	0.239	0.43	0.885	1.112
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/16/83-01/07/97	52	0.13	0.174	0.83	0.03	0.024	0.155	0.053	0.08	0.21	0.334
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	11/16/83-01/07/97	50	3.15	5.226	35.6	0.5	43.24	6.576	1.	1.95	5.825	11.83
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/16/83-01/07/97	45	152.	141.844	186.	66.	840.043	28.984	91.	122.	163.	171.6
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/16/83-01/07/97	51	1700.	10932.745	110000.	0.	450196616.314	21217.837	220.	350.	11000.	27400.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/16/83-01/07/97	51	3.23	3.272	5.041	0.	1.055	1.027	2.342	2.544	4.041	4.436
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1868.842								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 3/01 to 5/31 - Station CHCH0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/16/83-01/07/97	38	0.	0.263	10.	0.	2.632	1.622	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/15/83-01/07/97	36	16.	15.661	23.5	7.5	14.012	3.743	11.	12.	18.75	20.3
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/13/84-01/07/97	23	18.6	18.117	28.3	7.1	37.672	6.138	8.4	14.	22.	26.6
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/16/83-01/07/97	36	5.	7.417	68.	1.	124.593	11.162	2.	3.	6.75	14.6
00080	COLOR (PLATINUM-COBALT UNITS)	11/16/83-12/10/90	19	5.	9.211	20.	2.5	38.925	6.239	2.5	5.	15.	20.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/16/83-01/07/97	37	409.	900.054	6220.	124.	1423741.108	1193.206	307.4	373.5	742.	2650.
00300	OXYGEN, DISSOLVED MG/L	12/15/83-01/07/97	37	9.2	8.786	12.3	3.6	3.597	1.897	6.28	8.	9.85	11.
00310	BOD, 5 DAY, 20 DEG C MG/L	11/16/83-01/07/97	36	1.1	1.406	7.5	0.1	1.694	1.301	0.3	0.7	1.75	2.5
00400	PH (STANDARD UNITS)	12/16/87-01/07/97	6	7.625	7.697	8.1	7.43	0.063	0.25	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/16/87-01/07/97	6	7.619	7.644	8.1	7.43	0.066	0.257	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/16/87-01/07/97	6	0.024	0.023	0.037	0.008	0.	0.011	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	11/16/83-01/07/97	37	8.	7.968	8.5	7.3	0.056	0.236	7.7	7.85	8.1	8.22
00403	CONVERTED PH, LAB, STANDARD UNITS	11/16/83-01/07/97	37	8.	7.898	8.5	7.3	0.061	0.246	7.7	7.85	8.1	8.22
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/83-01/07/97	37	0.01	0.013	0.05	0.003	0.	0.009	0.006	0.008	0.014	0.02
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/16/83-01/07/97	37	142.	136.027	157.	48.	478.194	21.868	109.8	131.5	148.	155.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/16/83-01/07/97	36	4.	7.778	87.	0.5	216.892	14.727	0.5	1.25	8.	16.3
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/16/83-01/07/97	37	0.04	0.108	0.83	0.01	0.029	0.171	0.015	0.015	0.125	0.308
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/16/83-01/07/97	37	0.56	0.558	1.09	0.01	0.087	0.294	0.092	0.365	0.79	0.96
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/16/83-01/07/97	37	0.1	0.151	0.67	0.05	0.017	0.132	0.058	0.07	0.18	0.29
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	11/16/83-01/07/97	37	2.5	3.203	13.6	0.5	7.17	2.678	1.	1.8	3.15	6.36
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/16/83-01/07/97	33	150.	156.455	356.	21.	2638.818	51.369	115.2	134.	162.	212.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/16/83-01/07/97	37	3300.	23742.297	330000.	10.	3618024548.048	60150.017	162.	795.	22500.	69200.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/16/83-01/07/97	37	3.519	3.502	5.519	1.	0.952	0.976	2.207	2.866	4.352	4.809
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3174.542								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: CHCH0081

NPS Station ID: CHCH0081
LAT/LON: 34.984449/ -85.299727
Agency: 1113S000
Date Created: / /
Location: MCFARLAND BR AT THE TENN-GA LINE
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 470226 /TR-CT-3
RMI-Indexes: 1021500 007720 00920 6140 0170
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 005.60 000.20
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 25.80
On/Off RF1:
RF3 Index: 06020001124700.58
RF3 Mile Point: 0.58
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/27/73-03/07/73	7	0.	0.	0.	0.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/27/73-03/07/73	7	18.	18.	22.	14.	6.583	2.566	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/27/73-03/07/73	7	17.	18.929	34.	6.5	114.702	10.71	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/27/73-03/07/73	7	840.	1783.571	6050.	595.	3957305.952	1989.298	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	02/27/73-03/05/73	2	7.25	7.25	7.8	6.7	0.605	0.778	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	02/27/73-03/07/73	6	27.	27.633	43.	9.8	141.687	11.903	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	02/27/73-03/06/73	2	244.	244.	304.	184.	7200.	84.853	**	**	**	**
00400	PH (STANDARD UNITS)	02/27/73-03/07/73	7	9.7	9.529	10.15	8.7	0.26	0.51	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/27/73-03/07/73	7	9.7	9.256	10.15	8.7	0.346	0.589	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/27/73-03/07/73	7	0.	0.001	0.002	0.	0.	0.001	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	02/27/73-03/07/73	6	9.8	9.833	11.1	9.2	0.459	0.677	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	02/27/73-03/07/73	6	9.8	9.57	11.1	9.2	0.542	0.736	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/27/73-03/07/73	6	0.	0.	0.001	0.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/27/73-03/07/73	6	183.5	186.5	232.	149.	1004.3	31.691	**	**	**	**
00435	ACIDITY, TOTAL (MG/L AS CACO3)	02/27/73-03/07/73	6	0.	0.	0.	0.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/27/73-03/07/73	7	0.24	0.267	0.67	0.1	0.034	0.186	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/27/73-03/07/73	7	0.9	0.837	1.17	0.42	0.087	0.295	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/27/73-03/07/73	7	0.7	0.73	0.9	0.6	0.01	0.102	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/27/73-03/07/73	7	0.78	1.156	2.47	0.5	0.575	0.758	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/27/73-03/07/73	7	18.	19.857	35.	10.	63.81	7.988	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/27/73-03/07/73	7	7900.	18800.	49000.	1900.	341660000.	18484.047	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/27/73-03/07/73	7	3.898	4.034	4.69	3.279	0.281	0.53	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			10815.033								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/27/73-03/07/73	7	3300.	6451.429	24000.	270.	68684414.286	8287.606	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/27/73-03/07/73	7	3.519	3.444	4.38	2.431	0.475	0.69	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2777.367								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	02/27/73-03/07/73	6	22.5	28.333	50.	17.	184.267	13.574	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0081

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	7	0	0.00				2	0	0.00	5	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0081

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00				1	0	0.00	1	0	0.00			
00400	PH	Fresh Chronic	9.	7	6	0.86				2	2	1.00	5	4	0.80			
		Other-Lo Lim.	6.5	7	0	0.00				2	0	0.00	5	0	0.00			
00403	PH, LAB	Fresh Chronic	9.	6	6	1.00				2	2	1.00	4	4	1.00			
		Other-Lo Lim.	6.5	6	0	0.00				2	0	0.00	4	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	7	0	0.00				2	0	0.00	5	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	7	7	1.00				2	2	1.00	5	5	1.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	7	7	1.00				2	2	1.00	5	5	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0082

NPS Station ID: CHCH0082
LAT/LON: 34.984449/ -85.324170
Agency: 21TNWQ
Date Created: 10/01/83
Location: CHATTANOOGA CREEK 7.5 QUAD 106NE
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM/TISSUE
STORET Station ID(s): CHATTCRIS13
RMI-Indexes: 1021500 007720 00920 6140
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 007.50
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 26.20
On/Off RF1:
RF3 Index: 06020001124700.88
RF3 Mile Point: 1.00
Distance from RF3: 0.01
On/Off RF3:
Description:
TENN DIVISION OF WATER MANAGEMENT LIBRARY FILE INDEX NO. BG0.12

Parameter Inventory for Station: CHCH0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/14/82-07/15/82	2	22.5	22.5	23.	22.	0.5	0.707	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/14/82-07/15/82	2	6.75	6.75	7.4	6.1	0.845	0.919	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	07/14/82-07/15/82	2	61.	61.	85.	37.	1152.	33.941	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/14/82-07/15/82	2	5.7	5.7	5.9	5.5	0.08	0.283	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	07/14/82-07/15/82	2 ##	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	07/14/82-07/15/82	2	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/14/82-07/15/82	2	6.7	6.7	6.9	6.5	0.08	0.283	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/14/82-07/15/82	2	6.655	6.655	6.9	6.5	0.084	0.29	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/14/82-07/15/82	2	0.221	0.221	0.316	0.126	0.018	0.135	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/14/82-07/15/82	2	96.	96.	100.	92.	32.	5.657	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	07/14/82-07/15/82	2	166.5	166.5	176.	157.	180.5	13.435	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/14/82-07/15/82	2	9.5	9.5	11.	8.	4.5	2.121	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/14/82-07/14/82	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/14/82-07/15/82	2	0.27	0.27	0.3	0.24	0.002	0.042	**	**	**	**
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	07/14/82-07/15/82	2	3.2	3.2	6.1	0.3	16.82	4.101	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/14/82-07/15/82	2	0.075	0.075	0.08	0.07	0.	0.007	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/14/82-07/15/82	2	121.	121.	129.	113.	128.	11.314	**	**	**	**
00910	CALCIUM (MG/L AS CACO3)	07/14/82-07/15/82	2	78.95	78.95	80.	77.9	2.205	1.485	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/14/82-07/15/82	2	8.8	8.8	9.	8.6	0.08	0.283	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	07/14/82-07/15/82	2	3.35	3.35	3.7	3.	0.245	0.495	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	07/14/82-07/15/82	2	1.6	1.6	1.8	1.4	0.08	0.283	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/14/82-07/15/82	2	2.	2.	2.	2.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/14/82-07/15/82	2	30.	30.	32.	28.	8.	2.828	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/14/82-07/15/82	2	0.07	0.07	0.08	0.06	0.	0.014	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/14/82-07/14/82	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/14/82-07/15/82	2	0.007	0.007	0.007	0.006	0.	0.001	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/14/82-07/15/82	2	0.85	0.85	1.	0.7	0.045	0.212	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/14/82-07/15/82	2	0.05	0.05	0.06	0.04	0.	0.014	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	07/14/82-07/15/82	2	0.15	0.15	0.2	0.1	0.005	0.071	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	07/14/82-07/15/82	2	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	07/14/82-07/15/82	2	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	07/14/82-07/15/82	2	0.5	0.5	0.6	0.4	0.02	0.141	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/14/82-07/15/82	2	3590.	3590.	5600.	1580.	8080200.	2842.569	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/14/82-07/15/82	2	3.473	3.473	3.748	3.199	0.151	0.389	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2974.559								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/14/82-07/15/82	2	1800.	1800.	2400.	1200.	720000.	848.528	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/14/82-07/15/82	2	3.23	3.23	3.38	3.079	0.045	0.213	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1697.056								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/14/82-07/15/82	2	1450.	1450.	1780.	1120.	217800.	466.69	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/14/82-07/15/82	2	3.15	3.15	3.25	3.049	0.02	0.142	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1411.949								
71900	MERCURY, TOTAL (UG/L AS HG)	07/14/82-07/14/82	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0082

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00	2	0	0.00									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	2	0	0.00									
00400	PH	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	1	0.50	2	1	0.50									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00	2	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00									
		Drinking Water	250.	2	0	0.00	2	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00	2	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00	2	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	2	0	0.00	2	0	0.00									
		Drinking Water	1300.	2	0	0.00	2	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	2	0	0.00	2	0	0.00									
		Drinking Water	15.	2	0	0.00	2	0	0.00									
01067	NICKEL, TOTAL	Fresh Acute	1400.	2	0	0.00	2	0	0.00									
		Drinking Water	100.	2	0	0.00	2	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	2	0	0.00	2	0	0.00									
		Drinking Water	5000.	2	0	0.00	2	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	2	1.00	2	2	1.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	2	2	1.00	2	2	1.00									
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0083

NPS Station ID: CHCH0083
LAT/LON: 34.984726/ -85.299448
Agency: 131TVAC
Date Created: / /
Location: TENNESSEE-GEORGIA STATE LINE
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM/SOLIDS
STORET Station ID(s): 475386 /2603
RMI-Indexes: 1021500 007720 00920 6140 0170
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 007.04 000.21
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: MCFARLANDS BRANCH 0.21
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 16.30
On/Off RF1:
RF3 Index: 06020001130500.00
RF3 Mile Point: 0.00
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0083

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/07/67-12/03/69	14	1.	0.929	1.	0.	0.071	0.267	0.5	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/07/67-12/03/69	14	23.15	22.107	30.	10.2	43.121	6.567	10.7	16.875	28.225	29.7
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/27/69-12/03/69	12	2.5	3.167	7.	1.	3.424	1.85	1.3	2.	4.5	6.7
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/27/69-12/03/69	12	15.	33.5	225.	3.	3752.091	61.254	3.6	6.	30.	168.
00080	COLOR (PLATINUM-COBALT UNITS)	09/07/67-12/03/69	13	25.	31.923	60.	5.	477.244	21.846	7.	10.	55.	60.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/27/69-12/03/69	12	1550.	1496.667	3300.	240.	729715.152	854.234	348.	780.	2150.	3000.
00300	OXYGEN, DISSOLVED MG/L	09/07/67-12/03/69	14	5.	5.529	9.2	0.5	5.884	2.426	1.75	4.275	7.85	9.1
00304	BOD, 2 DAY, 20 DEG C MG/L	09/07/67-10/11/67	2	7.5	7.5	12.	3.	40.5	6.364	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/07/67-12/03/69	14	10.5	36.257	320.	3.3	7002.273	83.68	3.5	5.25	15.25	198.
00335	COD, .025N K2CR2O7 MG/L	01/27/69-12/03/69	12	45.5	86.667	500.	21.	17412.788	131.958	22.5	32.	75.	377.6
00400	PH (STANDARD UNITS)	09/07/67-12/03/69	13	8.7	8.762	10.3	7.2	0.798	0.893	7.4	8.25	9.2	10.3
00400	CONVERTED PH (STANDARD UNITS)	09/07/67-12/03/69	13	8.7	8.08	10.3	7.2	1.3	1.14	7.4	8.25	9.2	10.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/07/67-12/03/69	13	0.002	0.008	0.063	0.	0.	0.017	0.	0.001	0.007	0.046
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/27/69-12/03/69	12	108.5	100.	126.	45.	530.545	23.034	54.	83.5	115.25	124.2
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/27/69-12/03/69	12	5.5	10.5	65.	0.	315.182	17.753	0.	0.75	11.25	49.7
00500	RESIDUE, TOTAL (MG/L)	09/07/67-10/11/67	2	950.	950.	1100.	800.	45000.	212.132	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/07/67-10/11/67	2	745.	745.	1000.	490.	130050.	360.624	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/21/69-08/13/69	4	16.4	61.25	197.6	14.6	8264.657	90.91	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/07/67-12/03/69	13	7000.	41129.231	310000.	210.	7172145157.692	84688.518	286.	835.	41000.	221200.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/07/67-12/03/69	13	3.845	3.823	5.491	2.322	0.966	0.983	2.434	2.899	4.613	5.273
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			6657.702								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/07/67-12/03/69	14	480.	4782.857	39900.	5.	118399402.747	10881.149	5.	47.5	3300.	27450.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/07/67-12/03/69	14	2.662	2.605	4.601	0.699	1.417	1.19	0.699	1.675	3.487	4.389
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			402.875								
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	05/21/71-05/21/71	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0083

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	12	1	0.08	5	0	0.00	4	0	0.00	3	1	0.33			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	14	3	0.21	7	2	0.29	4	0	0.00	3	1	0.33			
00400	PH	Fresh Chronic	9.	13	3	0.23	6	2	0.33	4	1	0.25	3	0	0.00			
		Other-Lo Lim.	6.5	13	0	0.00	6	0	0.00	4	0	0.00	3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0083

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	13	10	0.77	7	5	0.71	3	3	1.00	3	2	0.67			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	14	8	0.57	7	4	0.57	4	2	0.50	3	2	0.67			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0084

NPS Station ID: CHCH0084
Location: CHATTANOOGA CREEK
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes: 1021500 007720 00920 6140
RMI-Miles: 0953.80 0046.50 460.60 007.90
HUC: 06020001
Major Basin: TENNESSEE RIVER
Minor Basin: TENNESSEE RIVER
RF1 Index: 06020001
RF3 Index: 06020001124200.00
Description:

LAT/LON: 34.984726/ -85.310559
Depth of Water: 0
Elevation: 0
RF1 Mile Point: 0.000
RF3 Mile Point: 0.07

Agency: 21TNWQ
FIPS State/County: 47065 TENNESSEE/HAMILTON
STORET Station ID(s): 000530 /330530 /230530
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 9.30
Distance from RF3: 0.04

Date Created: / /
On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: CHCH0084

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/64-08/17/64	17	22.	21.706	25.	18.	4.096	2.024	18.	20.5	23.5	24.2
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/02/64-08/17/64	17	19.	34.353	156.	5.	1664.243	40.795	6.6	10.	37.5	114.4
00080	COLOR (PLATINUM-COBALT UNITS)	06/02/64-06/03/64	2	62.	62.	82.	42.	800.	28.284	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	06/02/64-08/17/64	15	84.	116.6	448.	47.	10194.829	100.969	51.8	60.	162.	289.6
00300	OXYGEN, DISSOLVED MG/L	06/02/64-08/17/64	17	2.4	2.559	6.3	0.	3.885	1.971	0.08	0.95	4.5	5.58
00310	BOD, 5 DAY, 20 DEG C MG/L	06/02/64-08/17/64	16	3.3	5.45	16.4	1.3	23.236	4.82	1.51	1.8	7.775	14.72
00403	PH, LAB, STANDARD UNITS SU	06/02/64-08/17/64	17	7.	7.	7.4	6.6	0.05	0.224	6.68	6.8	7.2	7.32
00403	CONVERTED PH, LAB, STANDARD UNITS	06/02/64-08/17/64	17	7.	6.947	7.4	6.6	0.053	0.23	6.68	6.8	7.2	7.32
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/02/64-08/17/64	17	0.1	0.113	0.251	0.04	0.003	0.058	0.048	0.063	0.158	0.21
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/02/64-06/11/64	7	86.	87.143	98.	78.	57.143	7.559	**	**	**	**
00437	ACIDITY, CO2 (PHENOLPHTHALEIN) (MG/L AS CACO3)	06/02/64-06/11/64	7	6.	5.571	8.	4.	2.619	1.618	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/02/64-06/11/64	7	19.	24.714	48.	8.	186.571	13.659	**	**	**	**
00545	RESIDUE, SETTLEABLE (ML/L)	06/02/64-06/11/64	7 ##	0.025	0.057	0.1	0.025	0.002	0.04	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/02/64-06/11/64	7	6.	6.571	10.	4.	4.952	2.225	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0084

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	17	3	0.18	17	3	0.18									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	17	12	0.71	17	12	0.71									
00403	PH, LAB	Fresh Chronic	9.	17	0	0.00	17	0	0.00									
		Other-Lo Lim.	6.5	17	0	0.00	17	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	7	0	0.00	7	0	0.00									
		Drinking Water	250.	7	0	0.00	7	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0085

NPS Station ID: CHCH0085
LAT/LON: 34.984726/ -85.310559
Agency: 131TVAC
Date Created: 10/04/80
Location: WILSON ROAD BRIDGE
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM/SOLIDS
STORET Station ID(s): 476284
RMI-Indexes: 1021500 007720 00920 6140
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 006.60
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: CHATTANOOGA CREEK 6.6
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 23.00
On/Off RF1:
RF3 Index: 06020001021100.00
RF3 Mile Point: 0.00
Distance from RF3: 0.23
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0085

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/10/80-09/10/80	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/10/80-09/10/80	1	23.	23.	23.	23.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/10/80-09/10/80	1	270.	270.	270.	270.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/10/80-09/10/80	1	2.3	2.3	2.3	2.3	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/10/80-09/10/80	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/10/80-09/10/80	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/10/80-09/10/80	1	0.126	0.126	0.126	0.126	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/10/80-09/10/80	1	95.	95.	95.	95.	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	09/10/80-09/10/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	09/10/80-09/10/80	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	09/10/80-09/10/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	09/11/80-09/11/80	1	4.1	4.1	4.1	4.1	0.	0.	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	09/11/80-09/11/80	1	0.56	0.56	0.56	0.56	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/11/80-09/11/80	1 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/11/80-09/11/80	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/10/80-09/10/80	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/10/80-09/10/80	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/11/80-09/11/80	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/10/80-09/10/80	1 ##	250.	250.	250.	250.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/11/80-09/11/80	1	26.	26.	26.	26.	0.	0.	**	**	**	**
01059	THALLIUM, TOTAL (UG/L AS TL)	09/10/80-09/10/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	09/10/80-09/10/80	1 ##	75.	75.	75.	75.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/11/80-09/11/80	1	23.	23.	23.	23.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	09/10/80-09/10/80	1 ##	30.	30.	30.	30.	0.	0.	**	**	**	**
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	09/11/80-09/11/80	1 ##	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/10/80-09/10/80	1	31.	31.	31.	31.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	09/11/80-09/11/80	1	45.	45.	45.	45.	0.	0.	**	**	**	**
01097	ANTIMONY, TOTAL (UG/L AS SB)	09/10/80-09/10/80	1 ##	250.	250.	250.	250.	0.	0.	**	**	**	**
01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	09/11/80-09/11/80	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	09/10/80-09/10/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	09/11/80-09/11/80	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
32104	BROMOFORM,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
32106	CHLOROFORM,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0085

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	09/10/80-09/10/80	1	33100.	33100.	33100.	33100.	0.	0.	**	**	**	**
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34200	ACENAPHTHYLENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34205	ACENAPHTHENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34208	ACENAPHTHENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34210	ACROLEIN TOTWUG/L	09/10/80-09/10/80	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
34213	ACROLEIN DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
34215	ACRYLONITRILE TOTWUG/L	09/10/80-09/10/80	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
34218	ACRYLONITRILE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
34220	ANTHRACENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34223	ANTHRACENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34237	BENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34247	BENZO-A-PYRENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34257	B-BHC-BETA DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34262	DELTA BENZENE HEXACHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34268	BIS (CHLOROMETHYL) ETHER TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34271	BIS (CHLOROMETHYL) ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34290	BROMOFORM DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34295	N-BUTYL BENZYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34299	CARBON TETRACHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34301	CHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34304	CHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34309	CHLORODIBROMOMETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34311	CHLOROETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34314	CHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34318	CHLOROFORM DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34320	CHRYSENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34323	CHRYSENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34330	DICHLOROBROMOMETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34334	DICHLORODIFLUOROMETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34336	DIETHYL PHTHALATE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34341	DIMETHYL PHTHALATE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34346	1,2-DIPHENYLHYDRAZINE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34349	1,2-DIPHENYLHYDRAZINE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34351	ENDOSULFAN SULFATE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34356	ENDOSULFAN, BETA TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34361	ENDOSULFAN, ALPHA TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34366	ENDRIN ALDEHYDE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34374	ETHYLBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34376	FLUORANTHENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34379	FLUORANTHENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0085

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34381	FLUORENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34384	FLUORENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34391	HEXACHLOROBUTADIENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34396	HEXACHLOROETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34408	ISOPHORONE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34411	ISOPHORONE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34413	METHYL BROMIDE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34416	METHYL BROMIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34418	METHYL CHLORIDE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34421	METHYL CHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34423	METHYLENE CHLORIDE TOTWUG/L	09/10/80-09/10/80	1	69.	69.	69.	69.	0.	0.	**	**	**	**
34426	METHYLENE CHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	1	13.	13.	13.	13.	0.	0.	**	**	**	**
34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34433	N-NITROSODIPHENYLAMINE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34438	N-NITROSODIMETHYLAMINE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34441	N-NITROSODIMETHYLAMINE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34445	NAPHTHALENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34447	NITROBENZENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34450	NITROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34452	PARACHLOROMETA CRESOL TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34455	PARACHLOROMETA CRESOL DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34461	PHENANTHRENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34464	PHENANTHRENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34469	PYRENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34472	PYRENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34475	TETRACHLOROETHYLENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34478	TETRACHLOROETHYLENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34480	THALLIUM DRY WGTBOTMG/KG	09/11/80-09/11/80	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34483	TOLUENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34487	TRICHLOROETHYLENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34491	TRICHLOROFLUOROMETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34495	VINYL CHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34496	1,1-DICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34499	1,1-DICHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34501	1,1-DICHLOROETHYLENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34504	1,1-DICHLOROETHYLENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34509	1,1,1-TRICHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34514	1,1,2-TRICHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34519	1,1,2,2-TETRACHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34531	1,2-DICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34534	1,2-DICHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34536	1,2-DICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34541	1,2-DICHLOROPROPANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34544	1,2-DICHLOROPROPANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34549	TRANS-1,2-DICHLOROETHENE, IN SED. DRY WT. UG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0085

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34564	1,3-DICHLOROPROPENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34566	1,3-DICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34571	1,4-DICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34579	2-CHLOROETHYL VINYL ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34581	2-CHLORONAPHTHALENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34586	2-CHLOROPHENOL TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34589	2-CHLOROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34591	2-NITROPHENOL TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34594	2-NITROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34596	DI-N-OCTYL PHTHALATE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34601	2,4-DICHLOROPHENOL TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34604	2,4-DICHLOROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34606	2,4-DIMETHYLPHENOL TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34611	2,4-DINITROTOLUENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34614	2,4-DINITROTOLUENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34616	2,4-DINITROPHENOL TOTWUG/L	09/10/80-09/10/80	1 ##	125.	125.	125.	125.	0.	0.	**	**	**	**
34619	2,4-DINITROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34624	2,4,6-TRICHLOROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34626	2,6-DINITROTOLUENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34629	2,6-DINITROTOLUENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34634	3,3'-DICHLOROBENZIDINE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34639	4-BROMOPHENYL PHENYL ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34644	4-CHLOROPHENYL PHENYL ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34646	4-NITROPHENOL TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34649	4-NITROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	09/10/80-09/10/80	1 ##	125.	125.	125.	125.	0.	0.	**	**	**	**
34660	DNOC (4,6-DINITRO-ORTHO-CRESOL) DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34668	DICHLORODIFUOROMETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34671	PCB - 1016 TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34695	PHENOL(C6H5OH)-SINGLE COMPOUND DRY WGTTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34696	NAPHTHALENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	09/11/80-09/11/80	1	2400.	2400.	2400.	2400.	0.	0.	**	**	**	**
39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39121	BENZIDINE IN BOTTOM DEPOS UG/KG DRY SOLIDS	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0085

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	09/10/80-09/10/80	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/11/80-09/11/80	1	1.	1.	1.	1.	0.	0.	**	**	**	**
77161	1,2-DICHLOROPROPENE WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0085

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	1	1.00	1	1	1.00									
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00720	CYANIDE, TOTAL	Fresh Acute	0.022	1	0	0.00	1	0	0.00									
		Drinking Water	0.2	1	0	0.00	1	0	0.00									
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	1	0	0.00	1	0	0.00									
		Drinking Water	4.	0 &	0	0.00												
01027	CADMIUM, TOTAL	Fresh Acute	3.9	0 &	0	0.00												
		Drinking Water	5.	0 &	0	0.00												
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	0 &	0	0.00												
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	0 &	0	0.00												
		Drinking Water	15.	0 &	0	0.00												
01059	THALLIUM, TOTAL	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	2.	0 &	0	0.00												

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0085

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01077	SILVER, TOTAL	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
01097	ANTIMONY, TOTAL	Fresh Acute	88.	0 &	0	0.00												
		Drinking Water	6.	0 &	0	0.00												
01147	SELENIUM, TOTAL	Fresh Acute	20.	0 &	0	0.00												
		Drinking Water	50.	1	0	0.00	1	0	0.00									
32101	BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32102	CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	0 &	0	0.00												
32104	BROMOFORM, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32105	DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32106	CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	1	0	0.00	1	0	0.00									
		Drinking Water	1000.	1	0	0.00	1	0	0.00									
34205	ACENAPHTHENE, TOTAL	Fresh Acute	1700.	1	0	0.00	1	0	0.00									
34210	ACROLEIN, TOTAL	Fresh Acute	68.	1	0	0.00	1	0	0.00									
34215	ACRYLONITRILE, TOTAL	Fresh Acute	7550.	1	0	0.00	1	0	0.00									
34301	CHLOROBENZENE, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
34346	1,2-DIPHENYLHYDRAZINE, TOTAL	Fresh Acute	270.	1	0	0.00	1	0	0.00									
34356	ENDOSULFAN, BETA, TOTAL	Fresh Acute	0.22	0 &	0	0.00												
34361	ENDOSULFAN, ALPHA, TOTAL	Fresh Acute	0.22	0 &	0	0.00												
34371	ETHYLBENZENE, TOTAL	Fresh Acute	32000.	1	0	0.00	1	0	0.00									
		Drinking Water	700.	1	0	0.00	1	0	0.00									
34376	FLUORANTHENE, TOTAL	Fresh Acute	3980.	1	0	0.00	1	0	0.00									
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL	Fresh Acute	7.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
34391	HEXACHLOROBUTADIENE, TOTAL	Fresh Acute	90.	1	0	0.00	1	0	0.00									
34396	HEXACHLOROETHANE, TOTAL	Fresh Acute	980.	1	0	0.00	1	0	0.00									
34403	INDENO (1,2,3-CD) PYRENE, TOTAL	Drinking Water	0.4	0 &	0	0.00												
34408	ISOPHORONE, TOTAL	Fresh Acute	117000.	1	0	0.00	1	0	0.00									
34423	METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	1	1	1.00	1	1	1.00									
34447	NITROBENZENE, TOTAL	Fresh Acute	27000.	1	0	0.00	1	0	0.00									
34452	PARACHLOROMETA CRESOL, TOTAL	Fresh Acute	30.	1	0	0.00	1	0	0.00									
34461	PHENANTHRENE, TOTAL	Fresh Acute	30.	1	0	0.00	1	0	0.00									
34475	TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	0 &	0	0.00												
34501	1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	1	0	0.00	1	0	0.00									
34506	1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	1	0	0.00	1	0	0.00									
34511	1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	0 &	0	0.00												
34531	1,2-DICHLOROETHANE, TOTAL	Fresh Acute	118000.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	0 &	0	0.00												
34536	1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00	1	0	0.00									
34541	1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	0 &	0	0.00												
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	1	0	0.00	1	0	0.00									
34551	1,2,4-TRICHLOROBENZENE, TOTAL	Drinking Water	70.	1	0	0.00	1	0	0.00									
34566	1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00	1	0	0.00									
34571	1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	1	0	0.00	1	0	0.00									
34586	2-CHLOROPHENOL, TOTAL	Fresh Acute	4380.	1	0	0.00	1	0	0.00									
34601	2,4-DICHLOROPHENOL, TOTAL	Fresh Acute	2020.	1	0	0.00	1	0	0.00									
34606	2,4-DIMETHYLPHENOL, TOTAL	Fresh Acute	2120.	1	0	0.00	1	0	0.00									
34611	2,4-DINITROTOLUENE, TOTAL	Fresh Acute	330.	1	0	0.00	1	0	0.00									
34694	PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	Fresh Acute	10200.	1	0	0.00	1	0	0.00									
34696	NAPHTHALENE, TOTAL	Fresh Acute	2300.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0085

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	1.	0 &	0	0.00												
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	Fresh Acute	2000.	1	0	0.00	1	0	0.00									
		Drinking Water	6.	1	0	0.00	1	0	0.00									
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	0 &	0	0.00												
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	0 &	0	0.00												
39300	P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	0 &	0	0.00												
39310	P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	0 &	0	0.00												
39320	P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	1	0	0.00	1	0	0.00									
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	0 &	0	0.00												
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	0 &	0	0.00												
		Drinking Water	0.2	0 &	0	0.00												
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	0 &	0	0.00												
		Drinking Water	2.	0 &	0	0.00												
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	0 &	0	0.00												
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	0 &	0	0.00												
		Drinking Water	2.	0 &	0	0.00												
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	0 &	0	0.00												
		Drinking Water	3.	0 &	0	0.00												
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	0 &	0	0.00												
		Drinking Water	0.4	0 &	0	0.00												
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	0 &	0	0.00												
		Drinking Water	0.2	0 &	0	0.00												
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	1	0	0.00	1	0	0.00									
		Drinking Water	1.	0 &	0	0.00												
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0086

NPS Station ID: CHCH0086
LAT/LON: 34.984726/ -85.310559
Agency: 21TNWQ
Date Created: 10/01/83
Location: CHATTANOOGA CREEK 6.6 QUAD 106NE
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM/TISSUE
STORET Station ID(s): CHATTCRIS14
RMI-Indexes: 1021500 007720 00920 6140
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 006.60
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 31.50
On/Off RF1:
RF3 Index: 06020001124800.37
RF3 Mile Point: 1.85
Distance from RF3: 0.04
On/Off RF3:
Description:
TENN DIVISION OF WATER MANAGEMENT LIBRARY FILE INDEX NO. BG0.12

Parameter Inventory for Station: CHCH0086

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/30/81-06/30/81	1	122.	122.	122.	122.	0.	0.	**	**	**	**
39515	PCBS (MG/KG) FISH TISSUE MG/KG	06/30/81-06/30/81	1	0.66	0.66	0.66	0.66	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: CHCH0087

NPS Station ID: CHCH0087
LAT/LON: 34.985004/ -85.310559
Agency: 1113S000
Date Created: / /
Location: CHATT CK AT WILSON ROAD BRIDGE
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 470230 /TR-C-7.0
RMI-Indexes: 1021500 007720 00920 6140
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 006.50
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 06020001130000.00
RF3 Mile Point: 0.09
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0087

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/27/73-03/07/73	7	1.	1.	1.	1.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/27/73-03/07/73	7	11.5	11.643	14.	9.5	3.643	1.909	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	02/27/73-03/07/73	7	64.	119.857	283.	51.	7796.81	88.3	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/27/73-03/07/73	7	12.	28.486	125.	6.2	1831.438	42.795	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/27/73-03/07/73	7	155.	143.	190.	105.	997.	31.575	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	02/27/73-03/07/73	7	9.6	9.7	11.6	8.7	1.073	1.036	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	02/27/73-03/07/73	7	2.7	2.457	3.4	1.4	0.64	0.8	**	**	**	**
00400	PH (STANDARD UNITS)	02/27/73-03/07/73	7	7.2	7.3	7.5	7.2	0.017	0.129	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/27/73-03/07/73	7	7.2	7.284	7.5	7.2	0.017	0.13	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/27/73-03/07/73	7	0.063	0.052	0.063	0.032	0.	0.014	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	02/27/73-03/07/73	7	7.6	7.514	7.7	7.2	0.028	0.168	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	02/27/73-03/07/73	7	7.6	7.484	7.7	7.2	0.029	0.171	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/27/73-03/07/73	7	0.025	0.033	0.063	0.02	0.	0.015	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/27/73-03/07/73	7	62.	58.286	76.	41.	147.571	12.148	**	**	**	**
00435	ACIDITY, TOTAL (MG/L AS CACO3)	02/27/73-03/07/73	7	2.	2.071	4.	0.5	2.036	1.427	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	02/27/73-03/07/73	7	148.	156.143	205.	137.	542.476	23.291	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	02/27/73-03/07/73	6	25.5	27.5	43.	12.	133.1	11.537	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	02/27/73-03/07/73	7	120.	118.857	158.	81.	540.143	23.241	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/27/73-03/07/73	7	28.	37.286	124.	8.	1526.238	39.067	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/27/73-03/07/73	7	7.	7.	14.	2.	14.333	3.786	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/27/73-03/07/73	7	0.04	0.069	0.26	0.01	0.007	0.086	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/27/73-03/07/73	7	0.12	0.159	0.32	0.05	0.009	0.093	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/27/73-03/07/73	7	0.23	0.233	0.27	0.2	0.001	0.028	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/27/73-03/07/73	7	0.17	0.151	0.27	0.04	0.007	0.082	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/27/73-03/07/73	7	3.	3.286	6.	2.	2.571	1.604	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/27/73-03/07/73	7	10000.	12500.	33000.	3300.	106240000.	10307.279	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/27/73-03/07/73	7	4.	3.971	4.519	3.519	0.134	0.366	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			9355.784								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/27/73-03/07/73	7	3300.	5107.143	17000.	460.	32947557.143	5739.996	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/27/73-03/07/73	7	3.519	3.461	4.23	2.663	0.289	0.537	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2890.86								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0087

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	7	1	0.14				2	0	0.00	5	1	0.20			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	7	0	0.00				2	0	0.00	5	0	0.00			
00400	PH	Fresh Chronic	9.	7	0	0.00				2	0	0.00	5	0	0.00			
		Other-Lo Lim.	6.5	7	0	0.00				2	0	0.00	5	0	0.00			
00403	PH, LAB	Fresh Chronic	9.	7	0	0.00				2	0	0.00	5	0	0.00			
		Other-Lo Lim.	6.5	7	0	0.00				2	0	0.00	5	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	7	0	0.00				2	0	0.00	5	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	7	7	1.00				2	2	1.00	5	5	1.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	7	7	1.00				2	2	1.00	5	5	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0088

NPS Station ID: CHCH0088 LAT/LON: 34.986392/ -85.326948 Agency: 112WRD Date Created: 02/24/96
Location: CHATTANOOGA C AT BURNT MILL BR, AT ST ELMO, TENN FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 03568550
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 06020001 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 06020001011302.01 RF3 Mile Point: 3.41 Distance from RF3: 0.11 On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0088

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/22/94-07/13/95	8	11.8	12.963	23.	6.	40.923	6.397	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/22/94-07/13/95	8	10.5	10.963	22.	2.	54.097	7.355	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	05/11/95-07/13/95	3	752.	749.667	754.	743.	34.333	5.859	**	**	**	**
00065	STAGE, STREAM (FEET)	05/11/95-07/13/95	3	1.78	1.87	2.21	1.62	0.093	0.305	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/22/94-07/13/95	8	6.5	7.625	21.	4.	31.696	5.63	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/01/95-07/13/95	5	190.	185.8	250.	133.	2644.2	51.422	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/22/94-07/13/95	8	9.15	8.6	11.3	4.8	4.611	2.147	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	11/22/94-07/13/95	8 ##	0.5	0.575	1.1	0.5	0.045	0.212	**	**	**	**
00400	PH (STANDARD UNITS)	02/01/95-07/13/95	5	7.54	7.572	7.75	7.38	0.023	0.152	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/01/95-07/13/95	5	7.54	7.551	7.75	7.38	0.024	0.154	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/01/95-07/13/95	5	0.029	0.028	0.042	0.018	0.	0.01	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	11/22/94-07/13/95	8	7.35	7.375	7.7	7.2	0.022	0.149	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	11/22/94-07/13/95	8	7.347	7.356	7.7	7.2	0.023	0.15	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/22/94-07/13/95	8	0.045	0.044	0.063	0.02	0.	0.013	**	**	**	**
00417	ALKALINITY,FIXED ENDPOINT TITRATION, USGS LAB MG/L	11/22/94-07/13/95	8	62.	66.	108.	45.	428.286	20.695	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/22/94-07/13/95	8	10.5	10.75	25.	3.	49.643	7.046	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/22/94-07/13/95	8 ##	0.015	0.034	0.12	0.015	0.001	0.036	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/22/94-07/13/95	8	0.275	0.274	0.32	0.17	0.002	0.049	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/22/94-07/13/95	8	0.07	0.076	0.17	0.02	0.002	0.048	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	11/22/94-07/13/95	8	2.	1.875	3.	1.	0.411	0.641	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/22/94-07/13/95	8	637.5	1220.625	4900.	70.	2739060.268	1655.011	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/22/94-07/13/95	8	2.747	2.683	3.69	1.845	0.47	0.685	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			481.708								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0088

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	8	0	0.00	2	0	0.00	4	0	0.00	2	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	8	0	0.00	2	0	0.00	4	0	0.00	2	0	0.00			
00400	PH	Fresh Chronic	9.	5	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00			
		Other-Lo Lim.	6.5	5	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00			
00403	PH, LAB	Fresh Chronic	9.	8	0	0.00	2	0	0.00	4	0	0.00	2	0	0.00			
		Other-Lo Lim.	6.5	8	0	0.00	2	0	0.00	4	0	0.00	2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0088

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	8	0	0.00	2	0	0.00	4	0	0.00	2	0	0.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	8	5	0.63	2	2	1.00	4	1	0.25	2	2	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0089

NPS Station ID: CHCH0089
LAT/LON: 34.986392/ -85.327227
Agency: 1113S000
Date Created: / /
Location: CHATT CK AT BURNT MILL ROAD
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 470232 /TR-C-8.1
RMI-Indexes: 1021500 007720 00920 6140
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 007.60
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 06020001124800.00
RF3 Mile Point: 0.00
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0089

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data at this Station Suitable for Statistical Analysis ********

Station Inventory for Station: CHCH0090

NPS Station ID: CHCH0090 LAT/LON: 34.986671/ -85.307504 Agency: 131TVAC Date Created: 10/04/80
Location: POND NEAR TENNESSEE-GEORGIA STATE LINE FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM/SOLIDS STORET Station ID(s): 476289
RMI-Indexes: 1021500 007720 00920 6140 Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 006.30
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: TENNESSEE RIVER BASIN Elevation: 0 Water Body Id:
Minor Basin: POND ADJACENT TO CHATTANOOGA CREEK 6.3 ECO Region:
RF1 Index: 06020001 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 06020001124500.00 RF3 Mile Point: 0.03 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0090

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/10/80-09/10/80	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/10/80-09/10/80	1	27.	27.	27.	27.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/10/80-09/10/80	1	280.	280.	280.	280.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/10/80-09/10/80	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/10/80-09/10/80	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/10/80-09/10/80	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/10/80-09/10/80	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/10/80-09/10/80	1	100.	100.	100.	100.	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	09/10/80-09/10/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	09/10/80-09/10/80	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	09/10/80-09/10/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	09/11/80-09/11/80	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	09/11/80-09/11/80	1	0.48	0.48	0.48	0.48	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/11/80-09/11/80	1 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/11/80-09/11/80	1	33.	33.	33.	33.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/10/80-09/10/80	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/10/80-09/10/80	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/11/80-09/11/80	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/10/80-09/10/80	1 ##	250.	250.	250.	250.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/11/80-09/11/80	1	21.	21.	21.	21.	0.	0.	**	**	**	**
01059	THALLIUM, TOTAL (UG/L AS TL)	09/10/80-09/10/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	09/10/80-09/10/80	1 ##	75.	75.	75.	75.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/11/80-09/11/80	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	09/10/80-09/10/80	1 ##	30.	30.	30.	30.	0.	0.	**	**	**	**
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	09/11/80-09/11/80	1 ##	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/10/80-09/10/80	1	29.	29.	29.	29.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	09/11/80-09/11/80	1	29.	29.	29.	29.	0.	0.	**	**	**	**
01097	ANTIMONY, TOTAL (UG/L AS SB)	09/10/80-09/10/80	1 ##	250.	250.	250.	250.	0.	0.	**	**	**	**
01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	09/11/80-09/11/80	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	09/10/80-09/10/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	09/11/80-09/11/80	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
32104	BROMOFORM,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
32106	CHLOROFORM,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0090

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34200	ACENAPHTHYLENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34205	ACENAPHTHENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34208	ACENAPHTHENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34210	ACROLEIN TOTWUG/L	09/10/80-09/10/80	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
34213	ACROLEIN DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
34215	ACRYLONITRILE TOTWUG/L	09/10/80-09/10/80	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
34218	ACRYLONITRILE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
34220	ANTHRACENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34223	ANTHRACENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34237	BENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34247	BENZO-A-PYRENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34257	B-BHC-BETA DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34262	DELTA BENZENE HEXACHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34268	BIS (CHLOROMETHYL) ETHER TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34271	BIS (CHLOROMETHYL) ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34290	BROMOFORM DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34295	N-BUTYL BENZYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34299	CARBON TETRACHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34301	CHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34304	CHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34309	CHLORODIBROMOMETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34311	CHLOROETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34314	CHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34318	CHLOROFORM DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34320	CHRYSENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34323	CHRYSENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34330	DICHLOROBROMOMETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34334	DICHLORODIFLUOROMETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34336	DIETHYL PHTHALATE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34341	DIMETHYL PHTHALATE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34346	1,2-DIPHENYLHYDRAZINE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34349	1,2-DIPHENYLHYDRAZINE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34351	ENDOSULFAN SULFATE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34356	ENDOSULFAN, BETA TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34361	ENDOSULFAN, ALPHA TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34366	ENDRIN ALDEHYDE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34374	ETHYLBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34376	FLUORANTHENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34379	FLUORANTHENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0090

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34381	FLUORENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34384	FLUORENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34391	HEXACHLOROBUTADIENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34396	HEXACHLOROETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34408	ISOPHORONE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34411	ISOPHORONE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34413	METHYL BROMIDE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34416	METHYL BROMIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34418	METHYL CHLORIDE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34421	METHYL CHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34423	METHYLENE CHLORIDE TOTWUG/L	09/10/80-09/10/80	1	56.	56.	56.	56.	0.	0.	**	**	**	**
34426	METHYLENE CHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	1	35.	35.	35.	35.	0.	0.	**	**	**	**
34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34433	N-NITROSODIPHENYLAMINE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34438	N-NITROSODIMETHYLAMINE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34441	N-NITROSODIMETHYLAMINE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34445	NAPHTHALENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34447	NITROBENZENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34450	NITROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34452	PARACHLOROMETA CRESOL TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34455	PARACHLOROMETA CRESOL DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34461	PHENANTHRENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34464	PHENANTHRENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34469	PYRENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34472	PYRENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34475	TETRACHLOROETHYLENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34478	TETRACHLOROETHYLENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34480	THALLIUM DRY WGTBOTMG/KG	09/11/80-09/11/80	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34483	TOLUENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34487	TRICHLOROETHYLENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34491	TRICHLOROFLUOROMETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34495	VINYL CHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34496	1,1-DICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34499	1,1-DICHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34501	1,1-DICHLOROETHYLENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34504	1,1-DICHLOROETHYLENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34509	1,1,1-TRICHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34514	1,1,2-TRICHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34519	1,1,2,2-TETRACHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34531	1,2-DICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34534	1,2-DICHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34536	1,2-DICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34541	1,2-DICHLOROPROPANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34544	1,2-DICHLOROPROPANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34549	TRANS-1,2-DICHLOROETHENE, IN SED. DRY WT. UG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0090

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34564	1,3-DICHLOROPROPENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34566	1,3-DICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34571	1,4-DICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34579	2-CHLOROETHYL VINYL ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34581	2-CHLORONAPHTHALENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34586	2-CHLOROPHENOL TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34589	2-CHLOROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34591	2-NITROPHENOL TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34594	2-NITROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34596	DI-N-OCTYL PHTHALATE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34601	2,4-DICHLOROPHENOL TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34604	2,4-DICHLOROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34606	2,4-DIMETHYLPHENOL TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34611	2,4-DINITROTOLUENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34614	2,4-DINITROTOLUENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34616	2,4-DINITROPHENOL TOTWUG/L	09/10/80-09/10/80	1 ##	125.	125.	125.	125.	0.	0.	**	**	**	**
34619	2,4-DINITROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34624	2,4,6-TRICHLOROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34626	2,6-DINITROTOLUENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34629	2,6-DINITROTOLUENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34634	3,3'-DICHLOROBENZIDINE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34639	4-BROMOPHENYL PHENYL ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34644	4-CHLOROPHENYL PHENYL ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34646	4-NITROPHENOL TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34649	4-NITROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	09/10/80-09/10/80	1 ##	125.	125.	125.	125.	0.	0.	**	**	**	**
34660	DNOC (4,6-DINITRO-ORTHO-CRESOL) DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34668	DICHLORODIFUOROMETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34671	PCB - 1016 TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34695	PHENOL(C6H5OH)-SINGLE COMPOUND DRY WGTTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34696	NAPHTHALENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39121	BENZIDINE IN BOTTOM DEPOS UG/KG DRY SOLIDS	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0090

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	09/10/80-09/10/80	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/11/80-09/11/80	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
77161	1,2-DICHLOROPROPENE WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0090

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	1	1.00	1	1	1.00									
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00720	CYANIDE, TOTAL	Fresh Acute	0.022	1	0	0.00	1	0	0.00									
		Drinking Water	0.2	1	0	0.00	1	0	0.00									
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	1	0	0.00	1	0	0.00									
		Drinking Water	4.	0 &	0	0.00												
01027	CADMIUM, TOTAL	Fresh Acute	3.9	0 &	0	0.00												
		Drinking Water	5.	0 &	0	0.00												
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	0 &	0	0.00												
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	0 &	0	0.00												
		Drinking Water	15.	0 &	0	0.00												
01059	THALLIUM, TOTAL	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	2.	0 &	0	0.00												

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0090

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01077	SILVER, TOTAL	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
01097	ANTIMONY, TOTAL	Fresh Acute	88.	0 &	0	0.00												
		Drinking Water	6.	0 &	0	0.00												
01147	SELENIUM, TOTAL	Fresh Acute	20.	0 &	0	0.00												
		Drinking Water	50.	1	0	0.00	1	0	0.00									
32101	BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32102	CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	0 &	0	0.00												
32104	BROMOFORM, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32105	DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32106	CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	1	0	0.00	1	0	0.00									
		Drinking Water	1000.	1	0	0.00	1	0	0.00									
34205	ACENAPHTHENE, TOTAL	Fresh Acute	1700.	1	0	0.00	1	0	0.00									
34210	ACROLEIN, TOTAL	Fresh Acute	68.	1	0	0.00	1	0	0.00									
34215	ACRYLONITRILE, TOTAL	Fresh Acute	7550.	1	0	0.00	1	0	0.00									
34301	CHLOROBENZENE, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
34346	1,2-DIPHENYLHYDRAZINE, TOTAL	Fresh Acute	270.	1	0	0.00	1	0	0.00									
34356	ENDOSULFAN, BETA, TOTAL	Fresh Acute	0.22	0 &	0	0.00												
34361	ENDOSULFAN, ALPHA, TOTAL	Fresh Acute	0.22	0 &	0	0.00												
34371	ETHYLBENZENE, TOTAL	Fresh Acute	32000.	1	0	0.00	1	0	0.00									
		Drinking Water	700.	1	0	0.00	1	0	0.00									
34376	FLUORANTHENE, TOTAL	Fresh Acute	3980.	1	0	0.00	1	0	0.00									
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL	Fresh Acute	7.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
34391	HEXACHLOROBUTADIENE, TOTAL	Fresh Acute	90.	1	0	0.00	1	0	0.00									
34396	HEXACHLOROETHANE, TOTAL	Fresh Acute	980.	1	0	0.00	1	0	0.00									
34403	INDENO (1,2,3-CD) PYRENE, TOTAL	Drinking Water	0.4	0 &	0	0.00												
34408	ISOPHORONE, TOTAL	Fresh Acute	117000.	1	0	0.00	1	0	0.00									
34423	METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	1	1	1.00	1	1	1.00									
34447	NITROBENZENE, TOTAL	Fresh Acute	27000.	1	0	0.00	1	0	0.00									
34452	PARACHLOROMETA CRESOL, TOTAL	Fresh Acute	30.	1	0	0.00	1	0	0.00									
34461	PHENANTHRENE, TOTAL	Fresh Acute	30.	1	0	0.00	1	0	0.00									
34475	TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	0 &	0	0.00												
34501	1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	1	0	0.00	1	0	0.00									
34506	1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	1	0	0.00	1	0	0.00									
34511	1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	0 &	0	0.00												
34531	1,2-DICHLOROETHANE, TOTAL	Fresh Acute	118000.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	0 &	0	0.00												
34536	1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00	1	0	0.00									
34541	1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	0 &	0	0.00												
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	1	0	0.00	1	0	0.00									
34551	1,2,4-TRICHLOROBENZENE, TOTAL	Drinking Water	70.	1	0	0.00	1	0	0.00									
34566	1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00	1	0	0.00									
34571	1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	1	0	0.00	1	0	0.00									
34586	2-CHLOROPHENOL, TOTAL	Fresh Acute	4380.	1	0	0.00	1	0	0.00									
34601	2,4-DICHLOROPHENOL, TOTAL	Fresh Acute	2020.	1	0	0.00	1	0	0.00									
34606	2,4-DIMETHYLPHENOL, TOTAL	Fresh Acute	2120.	1	0	0.00	1	0	0.00									
34611	2,4-DINITROTOLUENE, TOTAL	Fresh Acute	330.	1	0	0.00	1	0	0.00									
34694	PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	Fresh Acute	10200.	1	0	0.00	1	0	0.00									
34696	NAPHTHALENE, TOTAL	Fresh Acute	2300.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0090

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	1.	0 &	0	0.00												
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	Fresh Acute	2000.	1	0	0.00	1	0	0.00									
		Drinking Water	6.	1	0	0.00	1	0	0.00									
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	0 &	0	0.00												
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	0 &	0	0.00												
39300	P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	0 &	0	0.00												
39310	P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	0 &	0	0.00												
39320	P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	1	0	0.00	1	0	0.00									
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	0 &	0	0.00												
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	0 &	0	0.00												
		Drinking Water	0.2	0 &	0	0.00												
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	0 &	0	0.00												
		Drinking Water	2.	0 &	0	0.00												
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	0 &	0	0.00												
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	0 &	0	0.00												
		Drinking Water	2.	0 &	0	0.00												
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	0 &	0	0.00												
		Drinking Water	3.	0 &	0	0.00												
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	0 &	0	0.00												
		Drinking Water	0.4	0 &	0	0.00												
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	0 &	0	0.00												
		Drinking Water	0.2	0 &	0	0.00												
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	1	0	0.00	1	0	0.00									
		Drinking Water	1.	0 &	0	0.00												
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0091

NPS Station ID: CHCH0091
LAT/LON: 34.986948/ -85.301393
Agency: 21TNWQ
Date Created: 10/01/83
Location: CHATTANOOGA CREEK 5.83 QUAD 106NE
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM/SOLIDS
STORET Station ID(s): CHATTCRIS17
RMI-Indexes: 1021500 007720 00920 6140
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 005.83
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 26.40
On/Off RF1:
RF3 Index: 06020001124700.58
RF3 Mile Point: 0.58
Distance from RF3: 0.02
On/Off RF3:
Description:
TENN DIVISION OF WATER MANAGEMENT LIBRARY FILE INDEX NO. BG0.12

Parameter Inventory for Station: CHCH0091

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/30/81-06/30/81	4	81.	126.	311.	31.	16833.333	129.743	**	**	**	**
00023	SAMPLE WEIGHT IN POUNDS	06/30/81-06/30/81	4	2.39	3.96	10.25	0.81	19.147	4.376	**	**	**	**
00024	SAMPLE LENGTH IN INCHES	06/30/81-06/30/81	4	16.	17.25	25.5	11.5	38.917	6.238	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/18/81-11/18/81	1	130.	130.	130.	130.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11/18/81-11/18/81	1	41.	41.	41.	41.	0.	0.	**	**	**	**
01054	MANGANESE, SUSPENDED (UG/L AS MN)	11/18/81-11/18/81	1	200.	200.	200.	200.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/18/81-11/18/81	1	19.	19.	19.	19.	0.	0.	**	**	**	**
01069	NICKEL, TOTAL IN FISH OR ANIMALS-WET WEIGHT MG/KG	06/30/81-06/30/81	4 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34208	ACENAPHTHENE DRY WGTBOTUG/KG	11/18/81-11/18/81	1	33000.	33000.	33000.	33000.	0.	0.	**	**	**	**
34223	ANTHRACENE DRY WGTBOTUG/KG	11/18/81-11/18/81	1	36000.	36000.	36000.	36000.	0.	0.	**	**	**	**
34252	BERYLLIUM WET WGTTISMG/KG	06/30/81-06/30/81	4	0.1	0.135	0.29	0.05	0.011	0.106	**	**	**	**
34374	ETHYLBENZENE DRY WGTBOTUG/KG	11/18/81-11/18/81	1	153.	153.	153.	153.	0.	0.	**	**	**	**
34379	FLUORANTHENE DRY WGTBOTUG/KG	11/18/81-11/18/81	1	29000.	29000.	29000.	29000.	0.	0.	**	**	**	**
34384	FLUORENE DRY WGTBOTUG/KG	11/18/81-11/18/81	1	36000.	36000.	36000.	36000.	0.	0.	**	**	**	**
34472	PYRENE DRY WGTBOTUG/KG	11/18/81-11/18/81	1	20000.	20000.	20000.	20000.	0.	0.	**	**	**	**
34687	HEPTACHLOR WET WGTTISMG/KG	06/30/81-06/30/81	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39515	PCBS (MG/KG) FISH TISSUE MG/KG	06/30/81-06/30/81	3	0.27	0.393	0.8	0.11	0.13	0.361	**	**	**	**
71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	06/30/81-06/30/81	3	0.16	0.147	0.18	0.1	0.002	0.042	**	**	**	**
71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	06/30/81-06/30/81	4 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	06/30/81-06/30/81	4	0.58	0.582	0.67	0.5	0.005	0.07	**	**	**	**
71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	06/30/81-06/30/81	4 ##	0.17	0.245	0.59	0.05	0.066	0.256	**	**	**	**
71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	06/30/81-06/30/81	4 ##	0.09	0.108	0.2	0.05	0.005	0.072	**	**	**	**
81742	SILVER IN FISH TISSUE WET WEIGHT (MG/KG)PPM	06/30/81-06/30/81	4	0.1	0.113	0.2	0.05	0.004	0.063	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: CHCH0092

NPS Station ID: CHCH0092
LAT/LON: 34.987504/ -85.304170
Agency: 21TNWQ
Date Created: 10/01/83
Location: CHATTANOOGA CREEK 6.0 QUAD 106NE
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM/TISSUE
STORET Station ID(s): CHATTCRIS12
RMI-Indexes: 1021500 007720 00920 6140
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 006.00
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 23.40
On/Off RF1:
RF3 Index: 06020001124700.00
RF3 Mile Point: 0.00
Distance from RF3: 0.01
On/Off RF3:
Description:
TENN DIVISION OF WATER MANAGEMENT LIBRARY FILE INDEX NO. BG0.12

Parameter Inventory for Station: CHCH0092

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/14/82-07/15/82	2	27.	27.	28.	26.	2.	1.414	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/14/82-07/15/82	2	12.5	12.5	13.	12.	0.5	0.707	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	07/14/82-07/15/82	2	133.5	133.5	143.	124.	180.5	13.435	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/14/82-07/15/82	2	6.95	6.95	7.	6.9	0.005	0.071	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	07/14/82-07/15/82	2 ##	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	07/14/82-07/15/82	2	6.5	6.5	7.	6.	0.5	0.707	**	**	**	**
00400	PH (STANDARD UNITS)	07/14/82-07/15/82	2	6.95	6.95	7.	6.9	0.005	0.071	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/14/82-07/15/82	2	6.947	6.947	7.	6.9	0.005	0.071	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/14/82-07/15/82	2	0.113	0.113	0.126	0.1	0.	0.018	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/14/82-07/15/82	2	94.5	94.5	97.	92.	12.5	3.536	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	07/14/82-07/15/82	2	163.5	163.5	166.	161.	12.5	3.536	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/14/82-07/15/82	2	26.5	26.5	39.	14.	312.5	17.678	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/14/82-07/14/82	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/14/82-07/15/82	2	0.28	0.28	0.28	0.28	0.	0.	**	**	**	**
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	07/14/82-07/15/82	2	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/14/82-07/15/82	2	0.065	0.065	0.07	0.06	0.	0.007	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/14/82-07/15/82	2	116.	116.	119.	113.	18.	4.243	**	**	**	**
00910	CALCIUM (MG/L AS CACO3)	07/14/82-07/15/82	2	84.05	84.05	86.1	82.	8.405	2.899	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/14/82-07/15/82	2	8.4	8.4	8.7	8.1	0.18	0.424	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	07/14/82-07/15/82	2	3.6	3.6	3.8	3.4	0.08	0.283	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	07/14/82-07/15/82	2	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/14/82-07/15/82	2	1.9	1.9	3.	0.8	2.42	1.556	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/14/82-07/15/82	2	35.5	35.5	37.	34.	4.5	2.121	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/14/82-07/15/82	2	0.09	0.09	0.11	0.07	0.001	0.028	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/14/82-07/14/82	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/14/82-07/15/82	2	0.015	0.015	0.02	0.009	0.	0.008	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/14/82-07/15/82	2	1.5	1.5	2.	1.	0.5	0.707	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/14/82-07/15/82	2	0.035	0.035	0.04	0.03	0.	0.007	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	07/14/82-07/15/82	2	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	07/14/82-07/15/82	2	0.053	0.053	0.1	0.006	0.004	0.066	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	07/14/82-07/15/82	2	0.015	0.015	0.02	0.009	0.	0.008	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	07/14/82-07/15/82	2	0.65	0.65	0.7	0.6	0.005	0.071	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/14/82-07/15/82	2	5120.	5120.	8800.	1440.	27084800.	5204.306	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/14/82-07/15/82	2	3.551	3.551	3.944	3.158	0.309	0.556	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3559.775								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/14/82-07/15/82	2	754.	754.	1200.	308.	397832.	630.739	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0092

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/14/82-07/15/82	2	2.784	2.784	3.079	2.489	0.174	0.418	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			607.947								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/14/82-07/15/82	2	370.	370.	520.	220.	45000.	212.132	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/14/82-07/15/82	2	2.529	2.529	2.716	2.342	0.07	0.264	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			338.231								
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	07/14/82-07/14/82	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0092

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00	2	0	0.00									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	2	0	0.00									
00400	PH	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00	2	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00									
		Drinking Water	250.	2	0	0.00	2	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00	2	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00	2	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	2	0	0.00	2	0	0.00									
		Drinking Water	1300.	2	0	0.00	2	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	2	0	0.00	2	0	0.00									
		Drinking Water	15.	2	0	0.00	2	0	0.00									
01067	NICKEL, TOTAL	Fresh Acute	1400.	2	0	0.00	2	0	0.00									
		Drinking Water	100.	2	0	0.00	2	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	2	0	0.00	2	0	0.00									
		Drinking Water	5000.	2	0	0.00	2	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	2	1.00	2	2	1.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	2	2	1.00	2	2	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0093

NPS Station ID: CHCH0093
LAT/LON: 34.988615/ -85.226116
Agency: 131TVAC
Date Created: / /
Location: SPRINGVALE ROAD BRIDGE
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475682 /2756
RMI-Indexes: 1021500 007720 00920 6180 0340 0020
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 013.20 000.90 002.56
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: SPRING CREEK 2.56
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 3.70
On/Off RF1:
RF3 Index: 06020001008900.00
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0093

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/27/69-12/04/69	12	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/27/69-12/04/69	12	16.85	15.225	24.4	6.7	42.658	6.531	7.03	8.375	21.4	24.07
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/27/69-12/04/69	12	10.5	14.75	45.	8.	100.568	10.028	8.6	10.	16.5	36.9
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/27/69-12/04/69	12	9.5	12.	35.	3.	80.182	8.954	3.3	7.	17.5	30.5
00080	COLOR (PLATINUM-COBALT UNITS)	01/27/69-12/04/69	12	12.5	15.208	80.	2.5	459.612	21.439	2.5	2.5	15.	62.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/27/69-12/04/69	12	310.	311.667	390.	190.	2524.242	50.242	220.	292.5	335.	387.
00300	OXYGEN, DISSOLVED MG/L	01/27/69-12/04/69	12	8.3	7.667	10.6	4.7	3.522	1.877	4.88	5.625	9.1	10.27
00310	BOD, 5 DAY, 20 DEG C MG/L	01/27/69-12/04/69	12	2.2	2.75	5.5	1.5	1.481	1.217	1.59	2.	3.875	5.08
00400	PH (STANDARD UNITS)	01/27/69-12/04/69	12	7.6	7.608	8.	7.4	0.028	0.168	7.4	7.5	7.675	7.94
00400	CONVERTED PH (STANDARD UNITS)	01/27/69-12/04/69	12	7.6	7.582	8.	7.4	0.029	0.17	7.4	7.5	7.675	7.94
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/27/69-12/04/69	12	0.025	0.026	0.04	0.01	0.	0.009	0.012	0.021	0.032	0.04
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/27/69-12/04/69	12	130.	126.75	150.	68.	452.023	21.261	82.4	121.25	138.75	150.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/27/69-12/04/69	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	02/27/69-12/04/69	10	26000.	23700.	38200.	3500.	143808888.889	11992.034	4050.	10725.	34750.	38080.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	02/27/69-12/04/69	10	4.415	4.289	4.582	3.544	0.112	0.335	3.585	4.028	4.541	4.581
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			19464.28								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/27/69-12/04/69	11	4200.	6550.909	25000.	1060.	49778509.091	7055.389	1088.	2300.	10400.	22400.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/27/69-12/04/69	11	3.623	3.629	4.398	3.025	0.174	0.417	3.036	3.362	4.017	4.334
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4260.396								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0093

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	12	0	0.00	5	0	0.00	4	0	0.00	3	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	12	0	0.00	5	0	0.00	4	0	0.00	3	0	0.00			
00400	PH	Fresh Chronic	9.	12	0	0.00	5	0	0.00	4	0	0.00	3	0	0.00			
		Other-Lo Lim.	6.5	12	0	0.00	5	0	0.00	4	0	0.00	3	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	10	10	1.00	5	5	1.00	3	3	1.00	2	2	1.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	11	11	1.00	5	5	1.00	4	4	1.00	2	2	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0094

NPS Station ID: CHCH0094
Location: CHATT CK VELSICOL CHEM. CORP.
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM
RMI-Indexes: 1021500 007720 00920 6140
RMI-Miles: 0953.80 0046.50 460.60 005.10
HUC: 06020001
Major Basin: SOUTHEAST
Minor Basin: TENNESSEE RIVER BASIN
RF1 Index: 06020001
RF3 Index: 06020001124404.48
Description:

LAT/LON: 34.988615/ -85.308337
Depth of Water: 0
Elevation: 0
RF1 Mile Point: 0.000
RF3 Mile Point: 4.73

Agency: 1113S000
FIPS State/County: 47065 TENNESSEE/HAMILTON
STORET Station ID(s): 470286 /VE-2
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 17.50
Distance from RF3: 0.24

Date Created: / /
On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: CHCH0094

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/01/73-03/02/73	6	11.	12.	17.	7.	14.8	3.847	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	03/01/73-03/02/73	2	43.75	43.75	86.	1.5	3570.125	59.751	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	03/01/73-03/02/73	2	358.	358.	520.	196.	52488.	229.103	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	03/01/73-03/02/73	2	662.5	662.5	930.	395.	143112.5	378.302	**	**	**	**
00400	PH (STANDARD UNITS)	03/01/73-03/02/73	6	7.15	7.283	8.6	6.7	0.454	0.674	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/01/73-03/02/73	6	7.147	7.051	8.6	6.7	0.518	0.72	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/01/73-03/02/73	6	0.071	0.089	0.2	0.003	0.004	0.067	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/01/73-03/02/73	2	7.45	7.45	7.6	7.3	0.045	0.212	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/01/73-03/02/73	2	7.425	7.425	7.6	7.3	0.046	0.215	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/01/73-03/02/73	2	0.038	0.038	0.05	0.025	0.	0.018	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	03/01/73-03/02/73	2	4179.	4179.	5671.	2687.	4452128.	2110.007	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/01/73-03/02/73	2	1464.	1464.	2184.	744.	1036800.	1018.234	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/01/73-03/02/73	2	3590.5	3590.5	5636.	1545.	8368140.5	2892.774	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/01/73-03/02/73	2	93.5	93.5	142.	45.	4704.5	68.589	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/01/73-03/02/73	2	31.5	31.5	46.	17.	420.5	20.506	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/01/73-03/02/73	2	0.72	0.72	0.79	0.65	0.01	0.099	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/01/73-03/02/73	2	1.285	1.285	1.45	1.12	0.054	0.233	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/01/73-03/02/73	2	0.18	0.18	0.34	0.02	0.051	0.226	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/01/73-03/02/73	2	0.11	0.11	0.18	0.04	0.01	0.099	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/01/73-03/02/73	2	240.	240.	330.	150.	16200.	127.279	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0094

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	6	0	0.00							6	0	0.00			
		Other-Lo Lim.	6.5	6	0	0.00							6	0	0.00			
00403	PH, LAB	Fresh Chronic	9.	2	0	0.00							2	0	0.00			
		Other-Lo Lim.	6.5	2	0	0.00							2	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00							2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0095

NPS Station ID: CHCH0095
LAT/LON: 34.988615/ -85.313337
Agency: 1114PEST
Date Created: 07/12/80
Location: VELSICOL CHEM CO RESIDUE HILL AT CHATTANOOGA TN
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 470236B /TN0025895 B /PW-001 VEL
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: SPRING BESIDE CULVERT
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 22.90
On/Off RF1:
RF3 Index: 06020001021100.00
RF3 Mile Point: 0.00
Distance from RF3: 0.23
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0095

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

***** Data for this station locked by controlling agency *****

Station Inventory for Station: CHCH0096

NPS Station ID: CHCH0096
LAT/LON: 34.988615/ -85.313615
Agency: 1114PEST
Date Created: 07/12/80
Location: VELSICOL CHEM CO RESIDUE HILL AT CHATTANOOGA TN
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 470236A /TN0025895 A /PW-002 VEL
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: CREEK OPPOSITE SPRING BESIDE CULVERT
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 22.70
On/Off RF1:
RF3 Index: 06020001042900.00
RF3 Mile Point: 8.05
Distance from RF3: 0.14
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0096

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

***** Data for this station locked by controlling agency *****

Station Inventory for Station: CHCH0097

NPS Station ID: CHCH0097 LAT/LON: 34.989170/ -85.195281 Agency: 131TVAC Date Created: 06/27/92
Location: HIGHWAY 41 BRIDGE 0.23 MILES N OF TENN-GA LINE FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 477440
RMI-Indexes: 1021500 007720 00920 6180 0340 Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 013.20 002.91
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: TENNESSEE RIVER BASIN Elevation: 0 Water Body Id:
Minor Basin: WEST CHICKAMAUGA CREEK 2.91 ECO Region:
RF1 Index: 06020001 RF1 Mile Point: 0.000 Distance from RF1: 2.10 On/Off RF1:
RF3 Index: 06020001006700.00 RF3 Mile Point: 3.84 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0097

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/26/92-06/11/92	13	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/26/92-06/11/92	13	290.	1610.462	13500.	64.	14517127.769	3810.135	67.6	127.	355.	10100.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/26/92-06/11/92	13	2.462	2.527	4.13	1.806	0.452	0.673	1.829	2.099	2.549	3.958
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			336.305								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0097

				Total	Exceed	Prop.	6/01-10/31			11/01-2/29			3/01-5/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	13	8	0.62	9	7	0.78				4	1	0.25			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0098

NPS Station ID: CHCH0098
LAT/LON: 34.989170/ -85.301393
Agency: 131TVAC
Date Created: / /
Location:
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM/SOLIDS
STORET Station ID(s): 475885 /2579
RMI-Indexes: 1021500 007720 00920 6140
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 006.80
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: CHATTANOOGA CREEK 6.8
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 06020001124400.00
RF3 Mile Point: 0.00
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	05/21/71-05/21/71	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: CHCH0099

NPS Station ID: CHCH0099
LAT/LON: 34.989170/ -85.304448
Agency: 21TNWQ
Date Created: / /
Location: WEST CHICKAMAUGA CREEK
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 003780 /333780 /233780
RMI-Indexes: 1021500 007720 00920 6180 2820
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 013.20 002.80
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 06020001000207.81
RF3 Mile Point: 10.72
Distance from RF3: 0.04
On/Off RF3:
Description:
US HWY 41 BRIDGE

Parameter Inventory for Station: CHCH0099

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/02/60-05/04/60	3	18.	17.667	18.	17.	0.333	0.577	**	**	**	**
00023	SAMPLE WEIGHT IN POUNDS	06/12/85-06/12/85	12	1.78	1.853	4.69	0.12	2.304	1.518	0.177	0.388	3.075	4.465
00024	SAMPLE LENGTH IN INCHES	06/12/85-06/12/85	12	17.125	14.354	21.	6.	32.653	5.714	6.3	8.	19.125	20.55
00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/02/60-05/04/60	3	40.	66.667	136.	24.	3669.333	60.575	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	05/02/60-05/03/60	2	228.5	228.5	342.	115.	25764.5	160.513	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	05/03/60-05/04/60	2	205.	205.	288.	122.	13778.	117.38	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/02/60-05/04/60	3	6.8	6.933	7.6	6.4	0.373	0.611	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	05/02/60-05/04/60	3	1.6	1.767	2.6	1.1	0.583	0.764	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	05/02/60-05/04/60	3	7.8	7.833	7.9	7.8	0.003	0.058	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	05/02/60-05/04/60	3	7.8	7.831	7.9	7.8	0.003	0.058	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/02/60-05/04/60	3	0.016	0.015	0.016	0.013	0.	0.002	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/02/60-05/04/60	3	103.	104.333	123.	87.	325.333	18.037	**	**	**	**
00437	ACIDITY, CO2 (PHENOLPHTHALEIN) (MG/L AS CACO3)	05/02/60-05/04/60	3	4.	4.667	6.	4.	1.333	1.155	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	05/02/60-05/04/60	3	184.	215.667	297.	166.	5042.333	71.009	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/02/60-05/04/60	3	76.	81.667	142.	27.	3330.333	57.709	**	**	**	**
00545	RESIDUE, SETTLEABLE (ML/L)	05/02/60-05/03/60	2	0.15	0.15	0.2	0.1	0.005	0.071	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/02/60-05/04/60	3	106.	102.	116.	84.	268.	16.371	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/02/60-05/04/60	3	3.	3.333	4.	3.	0.333	0.577	**	**	**	**
01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	06/12/85-06/12/85	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34664	PCB - 1221 WET WGTTISMG/KG	06/12/85-06/12/85	3 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34667	PCB - 1232 WET WGTTISMG/KG	06/12/85-06/12/85	3 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34669	PCB - 1248 WET WGTTISMG/KG	06/12/85-06/12/85	3 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34670	PCB - 1260 WET WGTTISMG/KG	06/12/85-06/12/85	3 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34674	PCB - 1016 WET WGTTISMG/KG	06/12/85-06/12/85	3 ##	0.01	0.073	0.2	0.01	0.012	0.11	**	**	**	**
34680	ALDRIN IN FISH TISSUE WET WEIGHT MG/KG	06/12/85-06/12/85	3 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34685	ENDRIN WET WGTTISMG/KG	06/12/85-06/12/85	3 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34688	HEXACHLOROBENZENE WET WGTTISMG/KG	06/12/85-06/12/85	3 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34689	PCB - 1242 WET WGTTISMG/KG	06/12/85-06/12/85	3 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34690	PCB - 1254 WET WGTTISMG/KG	06/12/85-06/12/85	3 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39063	CHLORDANE-CIS ISOMER,TISSUE WET WGT (UG/G)	06/12/85-06/12/85	3 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	06/12/85-06/12/85	3 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39069	CHLORDANE-NONACHLOR,CIS ISO,TISSUE WET WGT(UG/G)	06/12/85-06/12/85	3 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39072	CHLORDANE-NONACHLOR,TRANS ISO,TISSUE,WET WT,UG/G	06/12/85-06/12/85	3 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	06/12/85-06/12/85	3 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39302	P P DDT IN TISSUE WET WGT (UG/G)	06/12/85-06/12/85	3 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39307	O P DDT IN TISSUE WET WGT (UG/G)	06/12/85-06/12/85	3 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0099

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39312	P P DDD IN TISSUE WET WGT (UG/G)	06/12/85-06/12/85	3 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39322	P,P'-DDE IN TISSUE WET WGT MG/KG	06/12/85-06/12/85	3 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39325	O,P DDD IN TISSUE WET WGT (UG/G)	06/12/85-06/12/85	3 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39329	O,P DDE IN TISSUE, WET WGT(UG/G)	06/12/85-06/12/85	3 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39404	DIELDRIN IN TISSUE WET WGT (UG/G)	06/12/85-06/12/85	3 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39515	PCBS (MG/KG) FISH TISSUE MG/KG	06/12/85-06/12/85	3 ##	0.01	0.073	0.2	0.01	0.012	0.11	**	**	**	**
39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	06/12/85-06/12/85	3 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
45579	PERCENT LIPID EXTRACTABLE MATERIAL	06/12/85-06/12/85	3	2.	3.4	8.	0.2	16.68	4.084	**	**	**	**
71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	06/12/85-06/12/85	3	0.19	0.203	0.28	0.14	0.005	0.071	**	**	**	**
71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	06/12/85-06/12/85	3 ##	0.1	0.24	0.57	0.05	0.082	0.287	**	**	**	**
71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	06/12/85-06/12/85	3	0.46	0.53	0.69	0.44	0.019	0.139	**	**	**	**
71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	06/12/85-06/12/85	3	0.73	0.72	0.85	0.58	0.018	0.135	**	**	**	**
71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	06/12/85-06/12/85	3	0.06	0.057	0.07	0.04	0.	0.015	**	**	**	**
81644	METHOXYCHLOR IN FISH TISSUE,UG/G WET WEIGHT	06/12/85-06/12/85	3 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0099

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	3	1	0.33							3	1	0.33			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	3	0	0.00							3	0	0.00			
00403	PH, LAB	Fresh Chronic	9.	3	0	0.00							3	0	0.00			
		Other-Lo Lim.	6.5	3	0	0.00							3	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	0	0.00							3	0	0.00			
		Drinking Water	250.	3	0	0.00							3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0100

NPS Station ID: CHCH0100
LAT/LON: 34.989448/ -85.310282
Agency: 1113S000
Date Created: / /
Location: CHATT CK VELSICOL CHEM. CORP.
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM
STORET Station ID(s): 470288 /TR-VE-4
RMI-Indexes: 1021500 007720 00920 6140
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 005.10
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 24.30
On/Off RF1:
RF3 Index: 06020001020900.00
RF3 Mile Point: 0.00
Distance from RF3: 0.10
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0100

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/07/73-03/08/73	2	31.25	31.25	33.5	29.	10.125	3.182	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	03/05/73-03/07/73	3	922.	922.	922.	922.	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	03/05/73-03/07/73	3	2300.	2433.333	2900.	2100.	173333.333	416.333	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	03/05/73-03/07/73	3	3260.	3346.667	3520.	3260.	22533.333	150.111	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/05/73-03/07/73	3	10.	10.067	10.3	9.9	0.043	0.208	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/05/73-03/07/73	3	10.	10.036	10.3	9.9	0.045	0.211	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/05/73-03/07/73	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	03/05/73-03/07/73	3	5667.	5618.	5970.	5217.	143553.	378.884	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/05/73-03/07/73	3	974.	1082.667	1320.	954.	42345.333	205.78	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/05/73-03/07/73	3	5467.	5489.333	5909.	5092.	167246.333	408.958	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/05/73-03/07/73	3	125.	128.667	200.	61.	4840.333	69.573	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/05/73-03/07/73	3	40.	34.	41.	21.	127.	11.269	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/05/73-03/07/73	3	325.	323.667	332.	314.	82.333	9.074	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/05/73-03/07/73	3	300.	305.	315.	300.	75.	8.66	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/05/73-03/07/73	3	0.57	0.617	0.71	0.57	0.007	0.081	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/05/73-03/07/73	3	0.19	0.233	0.32	0.19	0.006	0.075	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/05/73-03/07/73	3	1060.	1036.667	1120.	930.	9433.333	97.125	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0100

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	3	3	1.00							3	3	1.00			
		Other-Lo Lim.	6.5	3	0	0.00							3	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	0	0.00							3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0101

NPS Station ID: CHCH0101
Location: CHATTANOOGA CREEK
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes: 1021500 007720 00920 6140
RMI-Miles: 0953.80 0046.50 460.60 006.80
HUC: 06020001
Major Basin: TENNESSEE RIVER
Minor Basin: TENNESSEE RIVER
RF1 Index: 06020001
RF3 Index: 06020001124800.00
Description:
BRIDGE ON HOOKER RD

LAT/LON: 34.989726/ -85.301670
Depth of Water: 0
Elevation: 0
RF1 Mile Point: 0.000
RF3 Mile Point: 0.00

Agency: 21TNWQ
FIPS State/County: 47065 TENNESSEE/HAMILTON
STORET Station ID(s): 000540 /330540 /230540
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.03

Date Created: / /
On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: CHCH0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/64-06/11/64	8	21.5	21.375	24.	19.	3.982	1.996	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/02/64-06/11/64	8	17.	19.25	38.	9.	91.643	9.573	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	06/02/64-06/04/64	4	78.	83.5	112.	66.	459.667	21.44	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	06/02/64-06/11/64	8	125.	142.75	270.	82.	4083.071	63.899	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/02/64-06/11/64	8	2.6	2.575	4.5	1.1	1.794	1.339	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	06/02/64-06/11/64	8	7.6	7.475	11.6	4.4	6.822	2.612	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/02/64-06/11/64	8	7.25	7.25	7.6	6.9	0.051	0.227	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/02/64-06/11/64	8	7.247	7.2	7.6	6.9	0.054	0.233	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/02/64-06/11/64	8	0.057	0.063	0.126	0.025	0.001	0.032	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/02/64-06/11/64	8	97.	94.5	108.	76.	86.571	9.304	**	**	**	**
00437	ACIDITY, CO2 (PHENOLPHTHALEIN) (MG/L AS CACO3)	06/02/64-06/11/64	8	5.	5.25	8.	2.	4.5	2.121	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/02/64-06/11/64	8	35.	39.5	71.	13.	391.429	19.785	**	**	**	**
00545	RESIDUE, SETTLEABLE (ML/L)	06/02/64-06/11/64	8	0.15	0.141	0.2	0.025	0.005	0.068	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/02/64-06/11/64	8	26.	26.125	43.	17.	71.554	8.459	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0101

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	8	0	0.00	8	0	0.00									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	8	6	0.75	8	6	0.75									
00403	PH, LAB	Fresh Chronic	9.	8	0	0.00	8	0	0.00									
		Other-Lo Lim.	6.5	8	0	0.00	8	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	8	0	0.00	8	0	0.00									
		Drinking Water	250.	8	0	0.00	8	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0102

NPS Station ID: CHCH0102
LAT/LON: 34.990004/ -85.301393
Agency: 1113S000
Date Created: / /
Location: CHATT CK AT HOOKER ROAD BRIDGE
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 470224 /TR-C-5.8
RMI-Indexes: 1021500 007720 00920 6140
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 005.30
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 22.80
On/Off RF1:
RF3 Index: 06020001124700.00
RF3 Mile Point: 0.00
Distance from RF3: 0.04
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0102

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/27/73-03/07/73	7	1.	1.	1.	1.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/27/73-03/07/73	7	12.5	11.929	14.	9.5	3.119	1.766	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/27/73-03/07/73	7	20.	27.714	90.	10.	784.905	28.016	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/27/73-03/07/73	7	185.	172.714	220.	135.	1384.905	37.214	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	02/27/73-03/07/73	7	9.4	9.314	10.4	8.6	0.415	0.644	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	02/27/73-03/07/73	7	3.5	3.271	4.2	1.9	0.586	0.765	**	**	**	**
00400	PH (STANDARD UNITS)	02/27/73-03/07/73	7	7.35	7.357	7.6	7.2	0.02	0.14	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/27/73-03/07/73	7	7.35	7.339	7.6	7.2	0.02	0.141	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/27/73-03/07/73	7	0.045	0.046	0.063	0.025	0.	0.013	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	02/27/73-03/07/73	7	7.7	7.643	7.8	7.4	0.016	0.127	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	02/27/73-03/07/73	7	7.7	7.626	7.8	7.4	0.017	0.129	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/27/73-03/07/73	7	0.02	0.024	0.04	0.016	0.	0.008	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/27/73-03/07/73	7	69.	65.143	75.	53.	84.476	9.191	**	**	**	**
00435	ACIDITY, TOTAL (MG/L AS CACO3)	02/27/73-03/07/73	7	1.	1.571	3.	0.5	1.202	1.097	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/27/73-03/07/73	7	0.04	0.044	0.09	0.01	0.001	0.03	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/27/73-03/07/73	7	0.21	0.279	0.57	0.12	0.03	0.172	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/27/73-03/07/73	7	0.26	0.266	0.29	0.24	0.	0.018	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/27/73-03/07/73	7	0.17	0.181	0.3	0.06	0.006	0.074	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/27/73-03/07/73	7	4.	3.714	5.	3.	0.571	0.756	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	02/28/73-03/06/73	4 ##	0.005	0.006	0.01	0.005	0.	0.003	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	02/27/73-03/07/73	7 ##	14.5	24.	81.	14.5	631.75	25.135	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/27/73-03/07/73	7 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	02/27/73-03/07/73	7 ##	5.	7.143	20.	5.	32.143	5.669	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	02/27/73-03/07/73	7	1135.	1677.857	4940.	710.	2184748.81	1478.09	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	02/27/73-03/07/73	7 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	02/27/73-03/07/73	7	122.	115.	150.	80.	714.333	26.727	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	02/27/73-03/07/73	7 ##	40.	40.	40.	40.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	02/27/73-03/07/73	7	20.	19.714	26.	11.	29.571	5.438	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/27/73-03/07/73	7	13000.	13885.714	24000.	3300.	82034761.905	9057.304	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/27/73-03/07/73	7	4.114	4.036	4.38	3.519	0.125	0.353	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			10864.661								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/27/73-03/07/73	7	1300.	1252.857	2300.	490.	479457.143	692.428	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/27/73-03/07/73	7	3.114	3.031	3.362	2.69	0.074	0.273	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1073.138								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0102

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	7	1	0.14				2	0	0.00	5	1	0.20			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	7	0	0.00				2	0	0.00	5	0	0.00			
00400	PH	Fresh Chronic	9.	7	0	0.00				2	0	0.00	5	0	0.00			
		Other-Lo Lim.	6.5	7	0	0.00				2	0	0.00	5	0	0.00			
00403	PH, LAB	Fresh Chronic	9.	7	0	0.00				2	0	0.00	5	0	0.00			
		Other-Lo Lim.	6.5	7	0	0.00				2	0	0.00	5	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	7	0	0.00				2	0	0.00	5	0	0.00			
00720	CYANIDE, TOTAL	Fresh Acute	0.022	4	0	0.00				1	0	0.00	3	0	0.00			
		Drinking Water	0.2	4	0	0.00				1	0	0.00	3	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	7	0	0.00				2	0	0.00	5	0	0.00			
		Drinking Water	50.	7	1	0.14				2	0	0.00	5	1	0.20			
01034	CHROMIUM, TOTAL	Drinking Water	100.	7	0	0.00				2	0	0.00	5	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	7	1	0.14				2	1	0.50	5	0	0.00			
		Drinking Water	1300.	7	0	0.00				2	0	0.00	5	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	7	0	0.00				2	0	0.00	5	0	0.00			
		Drinking Water	15.	0 &	0	0.00												
01067	NICKEL, TOTAL	Fresh Acute	1400.	7	0	0.00				2	0	0.00	5	0	0.00			
		Drinking Water	100.	7	0	0.00				2	0	0.00	5	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	7	0	0.00				2	0	0.00	5	0	0.00			
		Drinking Water	5000.	7	0	0.00				2	0	0.00	5	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	7	7	1.00				2	2	1.00	5	5	1.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	7	7	1.00				2	2	1.00	5	5	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0103

NPS Station ID: CHCH0103 | LAT/LON: 34.990087/ -85.369309 | Agency: 11NPSWRD | Date Created: 04/03/99
Location: TWENTY-SEVEN SPIDER CAVE | FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/SPRING/TUNNEL | STORET Station ID(s): CHCH_HHH_TSC
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 06020001 | Depth of Water: 0 | Aquifer:
Major Basin: TENNESSEE RIVER | Elevation: 0 | Water Body Id:
Minor Basin: TENNESSEE R-MAIN STEM & MINOR TRIBS | ECO Region:
RF1 Index: 06020001 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 06020001011302.01 | RF3 Mile Point: 3.41 | Distance from RF3: 0.11 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE FORT OGLETHORPE GEORGIA-TENNESSEE 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THIS SITE IS AT TWENTY-SEVEN SPIDER CAVE AND IS INSIDE OF THE CHICKAMAUGA AND CHATTANOOGA NATIONAL MILITARY PARK BOUNDARIES. DATA ARE FROM A REPORT BY HORTON H. HOBBS III; "ASSESSMENT OF THE ECOLOGICAL RESOURCES OF THE CAVES OF RUSSELL CAVE NATIONAL MONUMENT JACKSON COUNTY ALABAMA AND SELECTED CAVES AT THE LOOKOUT MOUNTAIN UNIT OF CHICKAMAUGA-CHATTANOOGA NATIONAL MILITARY PARK DADE COUNTY GEORGIA AND HAMILTON COUNTY TENNESSEE;" JANUARY 1994. THE PURPOSE OF THIS REPORT WAS TO MAKE "RECOMMENDATIONS FOR MANAGEMENT OF THE CAVES PROPER AND THEIR HYDROLOGICAL RECHARGE AREAS." FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT THE CHICKAMAUGA AND CHATTANOOGA NATIONAL MILITARY PARK; P.O. BOX 2128; FORT OGLETHORPE GA 30742; (TEL. 706-866-9241). DATA WERE PROCESSED AND UPLOADED TO STORET BY RONDA BURNS NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: CHCH0103

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/15/92-12/15/92	1	12.1	12.1	12.1	12.1	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/15/92-12/15/92	1	12.3	12.3	12.3	12.3	0.	0.	**	**	**	**
00052	HUMIDITY, RELATIVE (PERCENT)	12/15/92-12/15/92	1	100.	100.	100.	100.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/15/92-12/15/92	1	211.	211.	211.	211.	0.	0.	**	**	**	**
00154	SULFATE (AS S) WHOLE WATER, MG/L	12/15/92-12/15/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	12/15/92-12/15/92	1	8.18	8.18	8.18	8.18	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	12/15/92-12/15/92	1	8.18	8.18	8.18	8.18	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/15/92-12/15/92	1	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/15/92-12/15/92	1	1.19	1.19	1.19	1.19	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/15/92-12/15/92	1	123.	123.	123.	123.	0.	0.	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	12/15/92-12/15/92	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	12/15/92-12/15/92	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0103

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00154	SULFATE (AS S) WHOLE WATER	Drinking Water	250.	1	0	0.00				1	0	0.00						
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0104

NPS Station ID: CHCH0104
LAT/LON: 34.993615/ -85.302503
Agency: 21TNWQ
Date Created: 10/01/83
Location: CHATTANOOGA CREEK 5.2 QUAD 106NE
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM/TISSUE
STORET Station ID(s): CHATTCRIS11
RMI-Indexes: 1021500 007720 00920 6140
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 005.20
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 20.80
On/Off RF1:
RF3 Index: 06020001124600.08
RF3 Mile Point: 0.07
Distance from RF3: 0.00
On/Off RF3:
Description:
TENN DIVISION OF WATER MANAGEMENT LIBRARY FILE INDEX NO. BG0.12

Parameter Inventory for Station: CHCH0104

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/15/82-07/15/82	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/14/82-07/15/82	2	6.2	6.2	6.7	5.7	0.5	0.707	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	07/14/82-07/15/82	2	69.	69.	69.	69.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/15/82-07/15/82	1	4.9	4.9	4.9	4.9	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	07/14/82-07/15/82	2 ##	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	07/14/82-07/15/82	2	10.5	10.5	14.	7.	24.5	4.95	**	**	**	**
00400	PH (STANDARD UNITS)	07/15/82-07/15/82	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/15/82-07/15/82	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/15/82-07/15/82	1	0.251	0.251	0.251	0.251	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/14/82-07/15/82	2	101.	101.	102.	100.	2.	1.414	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	07/14/82-07/15/82	2	164.5	164.5	168.	161.	24.5	4.95	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/14/82-07/15/82	2	14.5	14.5	18.	11.	24.5	4.95	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/14/82-07/15/82	2	0.115	0.115	0.18	0.05	0.008	0.092	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/14/82-07/15/82	2	0.305	0.305	0.36	0.25	0.006	0.078	**	**	**	**
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	07/14/82-07/15/82	2	0.85	0.85	1.3	0.4	0.405	0.636	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/14/82-07/15/82	2	0.155	0.155	0.23	0.08	0.011	0.106	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/14/82-07/15/82	2	121.	121.	121.	121.	0.	0.	**	**	**	**
00910	CALCIUM (MG/L AS CACO3)	07/14/82-07/15/82	2	85.1	85.1	86.1	84.1	2.	1.414	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/14/82-07/15/82	2	8.05	8.05	8.5	7.6	0.405	0.636	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	07/14/82-07/15/82	2	8.05	8.05	8.2	7.9	0.045	0.212	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	07/14/82-07/15/82	2	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/14/82-07/15/82	2	7.	7.	7.	7.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/14/82-07/15/82	2	37.5	37.5	38.	37.	0.5	0.707	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/14/82-07/15/82	2	0.115	0.115	0.13	0.1	0.	0.021	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	07/14/82-07/14/82	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	07/14/82-07/14/82	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/18/81-11/18/81	1	220.	220.	220.	220.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/14/82-07/14/82	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/14/82-07/15/82	2	0.015	0.015	0.02	0.009	0.	0.008	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11/18/81-11/18/81	1	69.	69.	69.	69.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/14/82-07/15/82	2	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/14/82-07/14/82	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
01054	MANGANESE, SUSPENDED (UG/L AS MN)	11/18/81-11/18/81	1	100.	100.	100.	100.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	07/14/82-07/15/82	2	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	07/14/82-07/15/82	2	0.07	0.07	0.08	0.06	0.	0.014	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/18/81-11/18/81	1	36.	36.	36.	36.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0104

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01092	ZINC, TOTAL (UG/L AS ZN)	07/14/82-07/15/82	2	0.009	0.009	0.01	0.008	0.	0.001	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	07/14/82-07/15/82	2	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/15/82-07/15/82	1	17800.	17800.	17800.	17800.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/15/82-07/15/82	1	4.25	4.25	4.25	4.25	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			17800.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/14/82-07/15/82	2	8200.	8200.	12000.	4400.	28880000.	5374.012	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/14/82-07/15/82	2	3.861	3.861	4.079	3.643	0.095	0.308	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			7266.361								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/14/82-07/15/82	2	496.	496.	600.	392.	21632.	147.078	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/14/82-07/15/82	2	2.686	2.686	2.778	2.593	0.017	0.131	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			484.974								
34208	ACENAPHTHENE DRY WGTBOTUG/KG	11/18/81-11/18/81	1	19000.	19000.	19000.	19000.	0.	0.	**	**	**	**
34223	ANTHRACENE DRY WGTBOTUG/KG	11/18/81-11/18/81	1	185000.	185000.	185000.	185000.	0.	0.	**	**	**	**
34379	FLUORANTHENE DRY WGTBOTUG/KG	11/18/81-11/18/81	1	57000.	57000.	57000.	57000.	0.	0.	**	**	**	**
34384	FLUORENE DRY WGTBOTUG/KG	11/18/81-11/18/81	1	176000.	176000.	176000.	176000.	0.	0.	**	**	**	**
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	07/14/82-07/14/82	1	0.11	0.11	0.11	0.11	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	07/14/82-07/14/82	1	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0104

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00	2	0	0.00									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00	2	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00									
		Drinking Water	250.	2	0	0.00	2	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00	2	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00	2	0	0.00									
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01007	BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00	1	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	2	0	0.00	2	0	0.00									
		Drinking Water	1300.	2	0	0.00	2	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	1	0	0.00	1	0	0.00									
01067	NICKEL, TOTAL	Fresh Acute	1400.	2	0	0.00	2	0	0.00									
		Drinking Water	100.	2	0	0.00	2	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	2	0	0.00	2	0	0.00									
		Drinking Water	5000.	2	0	0.00	2	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	1	1.00	1	1	1.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	2	2	1.00	2	2	1.00									
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0105

NPS Station ID: CHCH0105
LAT/LON: 34.994448/ -85.302782
Agency: 131TVAC
Date Created: / /
Location: HAMILL ROAD BRIDGE
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM/SOLIDS
STORET Station ID(s): 475379 /2573
RMI-Indexes: 1021500 007720 00920 6140
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 005.25
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: CHATTANOOGA CREEK 5.25
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 06020001124701.41
RF3 Mile Point: 1.40
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0105

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/07/67-12/03/69	14	1.	0.929	1.	0.	0.071	0.267	0.5	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/07/67-12/03/69	14	17.1	15.907	27.2	4.2	48.228	6.945	5.85	9.8	21.025	25.8
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/27/69-12/03/69	12	17.	78.5	320.	7.	9331.727	96.601	7.3	11.25	135.	272.6
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/27/69-12/03/69	12	10.	15.667	80.	4.	428.97	20.712	4.3	6.75	13.75	62.
00080	COLOR (PLATINUM-COBALT UNITS)	09/07/67-12/03/69	14	20.	19.464	50.	2.5	165.556	12.867	3.75	10.	30.	40.
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	09/07/67-10/11/67	2 ##	1.25	1.25	2.	0.5	1.125	1.061	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/27/69-12/03/69	12	430.	405.	780.	150.	43809.091	209.306	153.	177.5	540.	753.
00300	OXYGEN, DISSOLVED MG/L	09/07/67-12/03/69	14	3.95	4.471	11.1	0.3	14.951	3.867	0.3	0.775	7.4	10.55
00304	BOD, 2 DAY, 20 DEG C MG/L	09/07/67-10/11/67	2	11.5	11.5	13.	10.	4.5	2.121	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/07/67-12/03/69	14	3.9	12.586	60.	1.8	411.354	20.282	1.9	2.825	9.225	60.
00335	COD, .025N K2CR2O7 MG/L	01/27/69-12/03/69	12	25.5	33.	98.	10.	636.	25.219	10.9	20.25	34.5	89.
00400	PH (STANDARD UNITS)	09/07/67-12/03/69	13	7.1	7.223	7.8	7.	0.047	0.217	7.04	7.1	7.35	7.64
00400	CONVERTED PH (STANDARD UNITS)	09/07/67-12/03/69	13	7.1	7.184	7.8	7.	0.049	0.22	7.04	7.1	7.35	7.64
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/07/67-12/03/69	13	0.079	0.066	0.1	0.016	0.001	0.024	0.025	0.045	0.079	0.092
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/27/69-12/03/69	12	83.	86.5	140.	31.	1800.273	42.43	33.4	43.5	130.	137.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/27/69-12/03/69	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00500	RESIDUE, TOTAL (MG/L)	09/07/67-10/11/67	2	285.	285.	310.	260.	1250.	35.355	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/07/67-10/11/67	2	245.	245.	270.	220.	1250.	35.355	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/07/67-09/07/67	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/07/67-09/07/67	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/07/67-09/07/67	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/07/67-09/07/67	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/21/69-08/13/69	4	6.8	7.075	9.5	5.2	4.889	2.211	**	**	**	**
00722	CYANIDE, FREE (AMENABLE TO CHLORINATION) MG/L	01/27/69-12/03/69	12	0.06	0.39	3.8	0.005	1.158	1.076	0.01	0.025	0.163	2.735
00940	CHLORIDE,TOTAL IN WATER MG/L	10/11/67-10/11/67	1	65.	65.	65.	65.	0.	0.	**	**	**	**
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	08/13/69-08/13/69	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/07/67-12/03/69	14 ##	25.	35.714	150.	25.	1126.374	33.561	25.	25.	25.	100.
01042	COPPER, TOTAL (UG/L AS CU)	01/27/69-12/03/69	10	25.	25.	50.	5.	266.667	16.33	5.	8.75	35.	50.
01067	NICKEL, TOTAL (UG/L AS NI)	01/27/69-12/03/69	9 ##	25.	25.	25.	25.	0.	0.	25.	25.	25.	25.
01092	ZINC, TOTAL (UG/L AS ZN)	01/27/69-12/03/69	11	270.	562.727	3100.	110.	740821.818	860.71	114.	170.	550.	2604.
01501	ALPHA, TOTAL	08/13/69-10/09/69	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01503	ALPHA, DISSOLVED	08/13/69-10/09/69	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
03501	BETA, TOTAL	08/13/69-10/09/69	2	4.	4.	5.	3.	2.	1.414	**	**	**	**
03503	BETA, DISSOLVED	08/13/69-10/09/69	2	4.	4.	5.	3.	2.	1.414	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/07/67-12/03/69	14	16750.	28162.143	80000.	250.	896483910.44	29941.341	335.	2050.	62500.	76000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/07/67-12/03/69	14	4.216	3.985	4.903	2.398	0.711	0.843	2.511	3.308	4.795	4.88
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			9669.407								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/07/67-12/03/69	14	525.	4056.786	46000.	5.	146480629.258	12102.918	27.5	147.5	2100.	24250.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0105

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/07/67-12/03/69	14	2.651	2.654	4.663	0.699	0.92	0.959	1.199	2.116	3.322	4.03
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			450.355								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/27/69-12/03/69	8	595.	1471.25	7600.	80.	6327812.5	2515.514	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	05/21/71-05/21/71	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0105

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	12	1	0.08	5	0	0.00	4	0	0.00	3	1	0.33			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	14	7	0.50	7	7	1.00	4	0	0.00	3	0	0.00			
00400	PH	Fresh Chronic	9.	13	0	0.00	6	0	0.00	4	0	0.00	3	0	0.00			
		Other-Lo Lim.	6.5	13	0	0.00	6	0	0.00	4	0	0.00	3	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00722	CYANIDE, FREE (AMENABLE TO CHLORINATION)	Fresh Acute	0.022	12	9	0.75	5	5	1.00	4	2	0.50	3	2	0.67			
		Drinking Water	0.2	12	2	0.17	5	2	0.40	4	0	0.00	3	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	14	1	0.07	7	1	0.14	4	0	0.00	3	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	10	7	0.70	4	2	0.50	4	3	0.75	2	2	1.00			
		Drinking Water	1300.	10	0	0.00	4	0	0.00	4	0	0.00	2	0	0.00			
01067	NICKEL, TOTAL	Fresh Acute	1400.	9	0	0.00	4	0	0.00	3	0	0.00	2	0	0.00			
		Drinking Water	100.	9	0	0.00	4	0	0.00	3	0	0.00	2	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	11	10	0.91	4	3	0.75	4	4	1.00	3	3	1.00			
		Drinking Water	5000.	11	0	0.00	4	0	0.00	4	0	0.00	3	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	14	12	0.86	7	7	1.00	4	2	0.50	3	3	1.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	14	10	0.71	7	6	0.86	4	1	0.25	3	3	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0106

NPS Station ID: CHCH0106
LAT/LON: 34.994448/ -85.302782
Agency: 1113S000
Date Created: / /
Location: CHATT CK AT HAMMILL ROAD BRIDGE
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 470222 /TR-C-5.3
RMI-Indexes: 1021500 007720 00920 6140
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 004.80
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 20.60
On/Off RF1:
RF3 Index: 06020001124404.48
RF3 Mile Point: 4.58
Distance from RF3: 0.04
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0106

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/27/73-03/07/73	7	1.	1.	1.	1.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/27/73-03/07/73	7	12.5	11.929	14.	9.5	3.119	1.766	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	02/27/73-03/07/73	7	75.	139.	327.	59.	10403.	101.995	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/27/73-03/07/73	7	19.	22.286	45.	10.	143.905	11.996	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/27/73-03/07/73	7	185.	177.286	216.	145.	753.238	27.445	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	02/27/73-03/07/73	7	9.4	9.143	10.1	8.3	0.37	0.608	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	02/27/73-03/07/73	7	3.4	3.329	5.	1.8	1.072	1.036	**	**	**	**
00400	PH (STANDARD UNITS)	02/27/73-03/07/73	7	7.3	7.286	7.4	7.15	0.014	0.118	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/27/73-03/07/73	7	7.3	7.272	7.4	7.15	0.014	0.119	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/27/73-03/07/73	7	0.05	0.053	0.071	0.04	0.	0.015	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	02/27/73-03/07/73	7	7.6	7.6	7.7	7.5	0.007	0.082	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	02/27/73-03/07/73	7	7.6	7.593	7.7	7.5	0.007	0.082	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/27/73-03/07/73	7	0.025	0.026	0.032	0.02	0.	0.005	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/27/73-03/07/73	7	72.	66.	77.	54.	102.667	10.132	**	**	**	**
00435	ACIDITY, TOTAL (MG/L AS CACO3)	02/27/73-03/07/73	7	2.	2.5	7.	0.5	4.583	2.141	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	02/27/73-03/07/73	7	165.	206.571	457.	133.	12532.286	111.948	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	02/27/73-03/07/73	7	52.	47.857	82.	19.	428.476	20.7	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	02/27/73-03/07/73	7	139.	167.	422.	79.	13528.333	116.311	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/27/73-03/07/73	7	35.	39.571	72.	14.	372.286	19.295	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/27/73-03/07/73	7	7.	7.429	12.	1.	19.619	4.429	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/27/73-03/07/73	7	0.19	0.31	1.16	0.08	0.145	0.38	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/27/73-03/07/73	7	0.4	0.641	1.35	0.2	0.238	0.488	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/27/73-03/07/73	7	0.26	0.261	0.29	0.25	0.	0.013	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/27/73-03/07/73	7	0.18	0.176	0.22	0.08	0.002	0.046	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/27/73-03/07/73	7	3.	3.286	4.	3.	0.238	0.488	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/27/73-03/07/73	7	4900.	15242.857	81000.	2800.	841559523.81	29009.645	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/27/73-03/07/73	7	3.69	3.805	4.908	3.447	0.247	0.497	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			6382.512								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/27/73-03/07/73	7	1000.	2481.429	10000.	490.	11596980.952	3405.434	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/27/73-03/07/73	7	3.	3.143	4.	2.69	0.22	0.469	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1390.17								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0106

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	7	0	0.00				2	0	0.00	5	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	7	0	0.00				2	0	0.00	5	0	0.00			
00400	PH	Fresh Chronic	9.	7	0	0.00				2	0	0.00	5	0	0.00			
		Other-Lo Lim.	6.5	7	0	0.00				2	0	0.00	5	0	0.00			
00403	PH, LAB	Fresh Chronic	9.	7	0	0.00				2	0	0.00	5	0	0.00			
		Other-Lo Lim.	6.5	7	0	0.00				2	0	0.00	5	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	7	0	0.00				2	0	0.00	5	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	7	7	1.00				2	2	1.00	5	5	1.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	7	7	1.00				2	2	1.00	5	5	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0107

NPS Station ID: CHCH0107
LAT/LON: 34.994448/ -85.302782
Agency: 131TVAC
Date Created: 10/04/80
Location: HAMILL ROAD BRIDGE
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM/SOLIDS
STORET Station ID(s): 476292
RMI-Indexes: 1021500 007720 00920 6140
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 005.20
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: CHATTANOOGA CREEK 5.2
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 18.90
On/Off RF1:
RF3 Index: 06020001124404.48
RF3 Mile Point: 4.53
Distance from RF3: 0.08
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0107

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/10/80-09/10/80	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/10/80-09/10/80	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/10/80-09/10/80	1	360.	360.	360.	360.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/10/80-09/10/80	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/10/80-09/10/80	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/10/80-09/10/80	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/10/80-09/10/80	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/10/80-09/10/80	1	90.	90.	90.	90.	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	09/10/80-09/10/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	09/10/80-09/10/80	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	09/10/80-09/10/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	09/11/80-09/11/80	1	13.	13.	13.	13.	0.	0.	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	09/11/80-09/11/80	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/11/80-09/11/80	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/11/80-09/11/80	1	98.	98.	98.	98.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/10/80-09/10/80	1	142.	142.	142.	142.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/10/80-09/10/80	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/11/80-09/11/80	1	140.	140.	140.	140.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/10/80-09/10/80	1 ##	250.	250.	250.	250.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/11/80-09/11/80	1	66.	66.	66.	66.	0.	0.	**	**	**	**
01059	THALLIUM, TOTAL (UG/L AS TL)	09/10/80-09/10/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	09/10/80-09/10/80	1 ##	75.	75.	75.	75.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/11/80-09/11/80	1	18.	18.	18.	18.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	09/10/80-09/10/80	1 ##	30.	30.	30.	30.	0.	0.	**	**	**	**
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	09/11/80-09/11/80	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/10/80-09/10/80	1	22.	22.	22.	22.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	09/11/80-09/11/80	1	230.	230.	230.	230.	0.	0.	**	**	**	**
01097	ANTIMONY, TOTAL (UG/L AS SB)	09/10/80-09/10/80	1 ##	250.	250.	250.	250.	0.	0.	**	**	**	**
01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	09/11/80-09/11/80	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	09/10/80-09/10/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	09/11/80-09/11/80	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
32104	BROMOFORM,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
32106	CHLOROFORM,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0107

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34200	ACENAPHTHYLENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1	900.	900.	900.	900.	0.	0.	**	**	**	**
34205	ACENAPHTHENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34208	ACENAPHTHENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1	5300.	5300.	5300.	5300.	0.	0.	**	**	**	**
34210	ACROLEIN TOTWUG/L	09/10/80-09/10/80	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
34213	ACROLEIN DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
34215	ACRYLONITRILE TOTWUG/L	09/10/80-09/10/80	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
34218	ACRYLONITRILE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
34220	ANTHRACENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34223	ANTHRACENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1	17000.	17000.	17000.	17000.	0.	0.	**	**	**	**
34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	1	530.	530.	530.	530.	0.	0.	**	**	**	**
34237	BENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1	100000.	100000.	100000.	100000.	0.	0.	**	**	**	**
34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34247	BENZO-A-PYRENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1	3800.	3800.	3800.	3800.	0.	0.	**	**	**	**
34257	B-BHC-BETA DRY WGTBOTUG/KG	09/11/80-09/11/80	1	6400.	6400.	6400.	6400.	0.	0.	**	**	**	**
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34262	DELTA BENZENE HEXACHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34268	BIS (CHLOROMETHYL) ETHER TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34271	BIS (CHLOROMETHYL) ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34290	BROMOFORM DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34295	N-BUTYL BENZYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34299	CARBON TETRACHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	1	18.	18.	18.	18.	0.	0.	**	**	**	**
34301	CHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34304	CHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1	100000.	100000.	100000.	100000.	0.	0.	**	**	**	**
34309	CHLORODIBROMOMETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34311	CHLOROETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34314	CHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34318	CHLOROFORM DRY WGTBOTUG/KG	09/11/80-09/11/80	1	140.	140.	140.	140.	0.	0.	**	**	**	**
34320	CHRYSENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34323	CHRYSENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34330	DICHLOROBROMOMETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34334	DICHLORODIFLUOROMETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34336	DIETHYL PHTHALATE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34341	DIMETHYL PHTHALATE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34346	1,2-DIPHENYLHYDRAZINE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34349	1,2-DIPHENYLHYDRAZINE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34351	ENDOSULFAN SULFATE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34356	ENDOSULFAN, BETA TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34361	ENDOSULFAN, ALPHA TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34366	ENDRIN ALDEHYDE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34374	ETHYLBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1	100000.	100000.	100000.	100000.	0.	0.	**	**	**	**
34376	FLUORANTHENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34379	FLUORANTHENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1	11700.	11700.	11700.	11700.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0107

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34381	FLUORENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34384	FLUORENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1	4800.	4800.	4800.	4800.	0.	0.	**	**	**	**
34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34391	HEXACHLOROBUTADIENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34396	HEXACHLOROETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34408	ISOPHORONE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34411	ISOPHORONE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34413	METHYL BROMIDE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34416	METHYL BROMIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34418	METHYL CHLORIDE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34421	METHYL CHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34423	METHYLENE CHLORIDE TOTWUG/L	09/10/80-09/10/80	1	63.	63.	63.	63.	0.	0.	**	**	**	**
34426	METHYLENE CHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	1	60.	60.	60.	60.	0.	0.	**	**	**	**
34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34433	N-NITROSODIPHENYLAMINE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34438	N-NITROSODIMETHYLAMINE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34441	N-NITROSODIMETHYLAMINE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34445	NAPHTHALENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1	19000.	19000.	19000.	19000.	0.	0.	**	**	**	**
34447	NITROBENZENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34450	NITROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34452	PARACHLOROMETA CRESOL TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34461	PHENANTHRENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34464	PHENANTHRENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1	17000.	17000.	17000.	17000.	0.	0.	**	**	**	**
34469	PYRENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34472	PYRENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1	8900.	8900.	8900.	8900.	0.	0.	**	**	**	**
34475	TETRACHLOROETHYLENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34478	TETRACHLOROETHYLENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34480	THALLIUM DRY WGTBOTMG/KG	09/11/80-09/11/80	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34483	TOLUENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1	100000.	100000.	100000.	100000.	0.	0.	**	**	**	**
34487	TRICHLOROETHYLENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34491	TRICHLOROFLUOROMETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34495	VINYL CHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34496	1,1-DICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34499	1,1-DICHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34501	1,1-DICHLOROETHYLENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34504	1,1-DICHLOROETHYLENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34509	1,1,1-TRICHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34514	1,1,2-TRICHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34519	1,1,2,2-TETRACHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	09/11/80-09/11/80	1	16000.	16000.	16000.	16000.	0.	0.	**	**	**	**
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34531	1,2-DICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34534	1,2-DICHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34536	1,2-DICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1	1210.	1210.	1210.	1210.	0.	0.	**	**	**	**
34541	1,2-DICHLOROPROPANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34544	1,2-DICHLOROPROPANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34549	TRANS-1,2-DICHLOROETHENE, IN SED. DRY WT. UG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1	480.	480.	480.	480.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0107

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34564	1,3-DICHLOROPROPENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34566	1,3-DICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34571	1,4-DICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1	1700.	1700.	1700.	1700.	0.	0.	**	**	**	**
34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34579	2-CHLOROETHYL VINYL ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34581	2-CHLORONAPHTHALENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1	310.	310.	310.	310.	0.	0.	**	**	**	**
34586	2-CHLOROPHENOL TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34591	2-NITROPHENOL TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34596	DI-N-OCTYL PHTHALATE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34601	2,4-DICHLOROPHENOL TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34606	2,4-DIMETHYLPHENOL TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34611	2,4-DINITROTOLUENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34614	2,4-DINITROTOLUENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34616	2,4-DINITROPHENOL TOTWUG/L	09/10/80-09/10/80	1 ##	125.	125.	125.	125.	0.	0.	**	**	**	**
34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34626	2,6-DINITROTOLUENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34629	2,6-DINITROTOLUENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34634	3,3'-DICHLOROBENZIDINE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34639	4-BROMOPHENYL PHENYL ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34644	4-CHLOROPHENYL PHENYL ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34646	4-NITROPHENOL TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	09/10/80-09/10/80	1 ##	125.	125.	125.	125.	0.	0.	**	**	**	**
34668	DICHLORODIFUOROMETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34671	PCB - 1016 TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34695	PHENOL(C6H5OH)-SINGLE COMPOUND DRY WGTTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34696	NAPHTHALENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	09/11/80-09/11/80	1	29600.	29600.	29600.	29600.	0.	0.	**	**	**	**
39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39121	BENZIDINE IN BOTTOM DEPOS UG/KG DRY SOLIDS	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0107

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	09/10/80-09/10/80	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/11/80-09/11/80	1	240.	240.	240.	240.	0.	0.	**	**	**	**
77161	1,2-DICHLOROPROPENE WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0107

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	1	1.00	1	1	1.00									
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00720	CYANIDE, TOTAL	Fresh Acute	0.022	1	0	0.00	1	0	0.00									
		Drinking Water	0.2	1	0	0.00	1	0	0.00									
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	1	0	0.00	1	0	0.00									
		Drinking Water	4.	0 &	0	0.00												
01027	CADMIUM, TOTAL	Fresh Acute	3.9	0 &	0	0.00												
		Drinking Water	5.	0 &	0	0.00												
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	1	1.00	1	1	1.00									
01042	COPPER, TOTAL	Fresh Acute	18.	0 &	0	0.00												
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	0 &	0	0.00												
		Drinking Water	15.	0 &	0	0.00												
01059	THALLIUM, TOTAL	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	2.	0 &	0	0.00												
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01077	SILVER, TOTAL	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
01097	ANTIMONY, TOTAL	Fresh Acute	88.	0 &	0	0.00												
		Drinking Water	6.	0 &	0	0.00												
01147	SELENIUM, TOTAL	Fresh Acute	20.	0 &	0	0.00												
		Drinking Water	50.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0107

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
32101	BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32102	CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	0 &	0	0.00												
32104	BROMOFORM, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32105	DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32106	CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	1	0	0.00	1	0	0.00									
		Drinking Water	1000.	1	0	0.00	1	0	0.00									
34205	ACENAPHTHENE, TOTAL	Fresh Acute	1700.	1	0	0.00	1	0	0.00									
34210	ACROLEIN, TOTAL	Fresh Acute	68.	1	0	0.00	1	0	0.00									
34215	ACRYLONITRILE, TOTAL	Fresh Acute	7550.	1	0	0.00	1	0	0.00									
34301	CHLOROBENZENE, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
34346	1,2-DIPHENYLHYDRAZINE, TOTAL	Fresh Acute	270.	1	0	0.00	1	0	0.00									
34356	ENDOSULFAN, BETA, TOTAL	Fresh Acute	0.22	0 &	0	0.00												
34361	ENDOSULFAN, ALPHA, TOTAL	Fresh Acute	0.22	0 &	0	0.00												
34371	ETHYLBENZENE, TOTAL	Fresh Acute	32000.	1	0	0.00	1	0	0.00									
		Drinking Water	700.	1	0	0.00	1	0	0.00									
34376	FLUORANTHENE, TOTAL	Fresh Acute	3980.	1	0	0.00	1	0	0.00									
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL	Fresh Acute	7.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
34391	HEXACHLOROBUTADIENE, TOTAL	Fresh Acute	90.	1	0	0.00	1	0	0.00									
34396	HEXACHLOROETHANE, TOTAL	Fresh Acute	980.	1	0	0.00	1	0	0.00									
34403	INDENO (1,2,3-CD) PYRENE, TOTAL	Drinking Water	0.4	0 &	0	0.00												
34408	ISOPHORONE, TOTAL	Fresh Acute	117000.	1	0	0.00	1	0	0.00									
34423	METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	1	1	1.00	1	1	1.00									
34447	NITROBENZENE, TOTAL	Fresh Acute	27000.	1	0	0.00	1	0	0.00									
34452	PARACHLOROMETA CRESOL, TOTAL	Fresh Acute	30.	1	0	0.00	1	0	0.00									
34461	PHENANTHRENE, TOTAL	Fresh Acute	30.	1	0	0.00	1	0	0.00									
34475	TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	0 &	0	0.00												
34501	1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	1	0	0.00	1	0	0.00									
34506	1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	1	0	0.00	1	0	0.00									
34511	1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	0 &	0	0.00												
34531	1,2-DICHLOROETHANE, TOTAL	Fresh Acute	118000.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	0 &	0	0.00												
34536	1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00	1	0	0.00									
34541	1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	0 &	0	0.00												
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	1	0	0.00	1	0	0.00									
34551	1,2,4-TRICHLOROBENZENE, TOTAL	Drinking Water	70.	1	0	0.00	1	0	0.00									
34566	1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00	1	0	0.00									
34571	1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	1	0	0.00	1	0	0.00									
34586	2-CHLOROPHENOL, TOTAL	Fresh Acute	4380.	1	0	0.00	1	0	0.00									
34601	2,4-DICHLOROPHENOL, TOTAL	Fresh Acute	2020.	1	0	0.00	1	0	0.00									
34606	2,4-DIMETHYLPHENOL, TOTAL	Fresh Acute	2120.	1	0	0.00	1	0	0.00									
34611	2,4-DINITROTOLUENE, TOTAL	Fresh Acute	330.	1	0	0.00	1	0	0.00									
34694	PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	Fresh Acute	10200.	1	0	0.00	1	0	0.00									
34696	NAPHTHALENE, TOTAL	Fresh Acute	2300.	1	0	0.00	1	0	0.00									
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	1.	0 &	0	0.00												
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	Fresh Acute	2000.	1	0	0.00	1	0	0.00									
		Drinking Water	6.	1	0	0.00	1	0	0.00									
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	0 &	0	0.00												
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	0 &	0	0.00												
39300	P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	0 &	0	0.00												
39310	P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	0 &	0	0.00												
39320	P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0107

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	0 &	0	0.00												
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	0 &	0	0.00												
		Drinking Water	0.2	0 &	0	0.00												
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	0 &	0	0.00												
		Drinking Water	2.	0 &	0	0.00												
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	0 &	0	0.00												
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	0 &	0	0.00												
		Drinking Water	2.	0 &	0	0.00												
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	0 &	0	0.00												
		Drinking Water	3.	0 &	0	0.00												
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	0 &	0	0.00												
		Drinking Water	0.4	0 &	0	0.00												
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	0 &	0	0.00												
		Drinking Water	0.2	0 &	0	0.00												
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	1	0	0.00	1	0	0.00									
		Drinking Water	1.	0 &	0	0.00												
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0108

NPS Station ID: CHCH0108
LAT/LON: 34.994448/ -85.311115
Agency: 1113S000
Date Created: / /
Location: CHATT CK WOODWARD CORP OIL SEPAR
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM
STORET Station ID(s): 470282 /TR-WO-2
RMI-Indexes: 1021500 007720 00920 6140
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 004.90
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 17.60
On/Off RF1:
RF3 Index: 06020001124404.48
RF3 Mile Point: 4.73
Distance from RF3: 0.23
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0108

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/28/73-03/07/73	8	18.	22.75	40.	15.	96.5	9.823	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	02/28/73-03/07/73	3	45.	52.333	71.	41.	265.333	16.289	**	**	**	**
00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	03/01/73-03/01/73	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	02/28/73-03/07/73	4	215.	279.	600.	86.	49910.667	223.407	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	02/28/73-03/07/73	4	540.5	1072.75	2880.	330.	1486950.25	1219.406	**	**	**	**
00400	PH (STANDARD UNITS)	03/01/73-03/07/73	2	1.9	1.9	2.1	1.7	0.08	0.283	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/01/73-03/07/73	2	1.855	1.855	2.1	1.7	0.084	0.29	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/01/73-03/07/73	2	13947.953	13947.953	19952.623	7943.28272	112133.255	8491.886	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	02/28/73-03/07/73	4	1.6	3.275	8.9	1.	14.143	3.761	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	02/28/73-03/07/73	4	1.6	1.425	8.9	1.	18.704	4.325	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/28/73-03/07/73	4	25118.864	37559.432	100000.	0.00	11873023606.134	43278.443	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	03/01/73-03/07/73	3	28860.	27076.667	37310.	15060.	126150833.333	11231.689	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/01/73-03/07/73	3	26980.	25670.	35620.	14410.	113753100.	10665.51	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/01/73-03/07/73	3	28770.	27010.	37250.	15010.	125977600.	11223.974	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/01/73-03/07/73	3	54.	65.333	92.	50.	537.333	23.18	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/01/73-03/07/73	3	52.	48.333	59.	34.	166.333	12.897	**	**	**	**
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	02/28/73-03/07/73	3	6.	16.5	41.	2.5	453.25	21.29	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/28/73-03/07/73	4	3920.	4057.	7320.	1068.	8120676.	2849.68	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/28/73-03/07/73	4	4300.	4397.5	7750.	1240.	8677691.667	2945.792	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/28/73-03/07/73	4	1.84	1.938	2.88	1.19	0.49	0.7	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/28/73-03/07/73	4	0.295	0.31	0.5	0.15	0.024	0.153	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/28/73-03/07/73	4	240.	365.	860.	120.	116366.667	341.126	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	02/28/73-03/07/73	4	3.44	4.146	9.7	0.005	18.016	4.245	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	02/28/73-03/07/73	4	89500.	167375.	465000.	25500.40	712895833.333	201774.369	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0108

				Total	Exceed	Prop.	----------6/01-10/31----------			----------11/01-2/29----------			----------3/01-5/31----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	2	0	0.00							2	0	0.00			
		Other-Lo Lim.	6.5	2	2	1.00							2	2	1.00			
00403	PH, LAB	Fresh Chronic	9.	4	0	0.00				1	0	0.00	3	0	0.00			
		Other-Lo Lim.	6.5	4	3	0.75				1	0	0.00	3	3	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0108

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	4	0	0.00				1	0	0.00	3	0	0.00			
00720	CYANIDE, TOTAL	Fresh Acute	0.022	4	3	0.75				1	1	1.00	3	2	0.67			
		Drinking Water	0.2	4	3	0.75				1	1	1.00	3	2	0.67			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0109

NPS Station ID: CHCH0109
LAT/LON: 34.994448/ -85.313337
Agency: 1113S000
Date Created: / /
Location: CHATT CK REILLY CORP OIL SEP. EF
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM
STORET Station ID(s): 470270 /RE-1
RMI-Indexes: 1021500 007720 00920 6140
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 004.90
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 06020001130500.74
RF3 Mile Point: 1.41
Distance from RF3: 0.74
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0109

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/28/73-03/02/73	9	15.	14.889	17.	13.	1.611	1.269	13.	14.	16.	17.
00058	FLOW, RATE GALLONS/MIN	02/28/73-03/02/73	3	2.4	10.3	27.	1.5	209.37	14.47	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	02/28/73-03/02/73	3	120.	117.667	150.	83.	1126.333	33.561	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	02/28/73-03/02/73	3	225.	224.333	268.	180.	1936.333	44.004	**	**	**	**
00400	PH (STANDARD UNITS)	03/01/73-03/01/73	3	6.6	6.6	6.7	6.5	0.01	0.1	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/01/73-03/01/73	3	6.6	6.592	6.7	6.5	0.01	0.1	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/01/73-03/01/73	3	0.251	0.256	0.316	0.2	0.003	0.058	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	02/28/73-03/02/73	3	6.9	6.8	7.	6.5	0.07	0.265	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	02/28/73-03/02/73	3	6.9	6.743	7.	6.5	0.075	0.274	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/28/73-03/02/73	3	0.126	0.181	0.316	0.1	0.014	0.118	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	03/01/73-03/02/73	2	2049.	2049.	2982.	1116.	1740978.	1319.461	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/01/73-03/02/73	2	361.	361.	487.	235.	31752.	178.191	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/01/73-03/02/73	2	2006.	2006.	2977.	1035.	1885682.	1373.201	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/01/73-03/02/73	2	43.	43.	81.	5.	2888.	53.74	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/01/73-03/02/73	2	24.	24.	44.	4.	800.	28.284	**	**	**	**
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	02/28/73-03/01/73	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/28/73-03/02/73	3	4.68	5.043	6.1	4.35	0.865	0.93	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/28/73-03/02/73	3	6.2	6.067	7.5	4.5	2.263	1.504	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/28/73-03/02/73	3	0.05	0.233	0.62	0.03	0.112	0.335	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/28/73-03/02/73	3	0.2	0.23	0.31	0.18	0.005	0.07	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/28/73-03/02/73	3	60.	56.667	80.	30.	633.333	25.166	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	02/28/73-03/02/73	3	24000.	20500.	27000.	10500.	77250000.	8789.198	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0109

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	3	0	0.00							3	0	0.00			
		Other-Lo Lim.	6.5	3	1	0.33							3	1	0.33			
00403	PH, LAB	Fresh Chronic	9.	3	0	0.00				1	0	0.00	2	0	0.00			
		Other-Lo Lim.	6.5	3	1	0.33				1	0	0.00	2	1	0.50			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	0	0.00				1	0	0.00	2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0110

NPS Station ID: CHCH0110
LAT/LON: 34.994726/ -85.308337
Agency: 1113S000
Date Created: / /
Location: CHATT CK VELSICOL CHEM. CORP.
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM
STORET Station ID(s): 470276 /TR-VE-1
RMI-Indexes: 1021500 007720 00920 6140
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 004.90
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 16.90
On/Off RF1:
RF3 Index: 06020001124404.48
RF3 Mile Point: 4.79
Distance from RF3: 0.29
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0110

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/01/73-03/02/73	6	15.5	16.	21.	12.	15.6	3.95	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	03/01/73-03/02/73	2	105.5	105.5	158.	53.	5512.5	74.246	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	03/01/73-03/02/73	2	915.	915.	1270.	560.	252050.	502.046	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	03/01/73-03/02/73	2	1682.5	1682.5	2240.	1125.	621612.5	788.424	**	**	**	**
00400	PH (STANDARD UNITS)	03/01/73-03/02/73	6	8.	8.483	10.	7.6	0.946	0.972	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/01/73-03/02/73	6	8.	8.013	10.	7.6	1.211	1.1	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/01/73-03/02/73	6	0.01	0.01	0.025	0.	0.	0.009	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/01/73-03/02/73	2	8.95	8.95	9.8	8.1	1.445	1.202	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/01/73-03/02/73	2	8.392	8.392	9.8	8.1	2.067	1.438	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/01/73-03/02/73	2	0.004	0.004	0.008	0.	0.	0.006	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	03/01/73-03/02/73	2	13396.5	13396.5	26440.	353.	340265784.5	18446.295	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/01/73-03/02/73	2	413.	413.	591.	235.	63368.	251.73	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/01/73-03/02/73	2	13286.5	13286.5	26310.	263.	339223104.5	18418.01	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/01/73-03/02/73	2	109.	109.	128.	90.	722.	26.87	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/01/73-03/02/73	2	26.5	26.5	31.	22.	40.5	6.364	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/01/73-03/02/73	2	0.89	0.89	1.73	0.05	1.411	1.188	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/01/73-03/02/73	2	2.835	2.835	3.	2.67	0.054	0.233	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/01/73-03/02/73	2	0.16	0.16	0.31	0.01	0.045	0.212	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/01/73-03/02/73	2	0.15	0.15	0.17	0.13	0.001	0.028	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/01/73-03/02/73	2	1160.	1160.	2000.	320.	1411200.	1187.939	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0110

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	6	2	0.33							6	2	0.33			
		Other-Lo Lim.	6.5	6	0	0.00							6	0	0.00			
00403	PH, LAB	Fresh Chronic	9.	2	1	0.50							2	1	0.50			
		Other-Lo Lim.	6.5	2	0	0.00							2	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00							2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0111

NPS Station ID: CHCH0111
LAT/LON: 34.996115/ -85.306392
Agency: 131TVAC
Date Created: 10/04/80
Location: HOOKER HAMILL ROAD CULVERT
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM/SOLIDS
STORET Station ID(s): 476290
RMI-Indexes: 1021500 007720 00920 6140 0100
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 004.50 000.20
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: UNNAMED TRIBUTARY 0.2 SOUTH FORK
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 25.70
On/Off RF1:
RF3 Index: 06020001020900.00
RF3 Mile Point: 0.00
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0111

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/10/80-09/10/80	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/10/80-09/10/80	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/10/80-09/10/80	1	3500.	3500.	3500.	3500.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/10/80-09/10/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/10/80-09/10/80	1	5.6	5.6	5.6	5.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/10/80-09/10/80	1	5.6	5.6	5.6	5.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/10/80-09/10/80	1	2.512	2.512	2.512	2.512	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/10/80-09/10/80	1	77.	77.	77.	77.	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	09/10/80-09/10/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	09/10/80-09/10/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	09/11/80-09/11/80	1	13.	13.	13.	13.	0.	0.	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	09/11/80-09/11/80	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/11/80-09/11/80	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/11/80-09/11/80	1	110.	110.	110.	110.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/10/80-09/10/80	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/10/80-09/10/80	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/11/80-09/11/80	1	27.4	27.4	27.4	27.4	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/10/80-09/10/80	1 ##	250.	250.	250.	250.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/11/80-09/11/80	1	37.	37.	37.	37.	0.	0.	**	**	**	**
01059	THALLIUM, TOTAL (UG/L AS TL)	09/10/80-09/10/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	09/10/80-09/10/80	1 ##	75.	75.	75.	75.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/11/80-09/11/80	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	09/10/80-09/10/80	1 ##	30.	30.	30.	30.	0.	0.	**	**	**	**
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	09/11/80-09/11/80	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/10/80-09/10/80	1	55.	55.	55.	55.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	09/11/80-09/11/80	1	83.	83.	83.	83.	0.	0.	**	**	**	**
01097	ANTIMONY, TOTAL (UG/L AS SB)	09/10/80-09/10/80	1 ##	250.	250.	250.	250.	0.	0.	**	**	**	**
01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	09/11/80-09/11/80	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	09/10/80-09/10/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	09/11/80-09/11/80	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
32104	BROMOFORM,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
32106	CHLOROFORM,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0111

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/10/80-09/10/80	1	15.	15.	15.	15.	0.	0.	**	**	**	**
34200	ACENAPHTHYLENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1	10000.	10000.	10000.	10000.	0.	0.	**	**	**	**
34205	ACENAPHTHENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34208	ACENAPHTHENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1	4600.	4600.	4600.	4600.	0.	0.	**	**	**	**
34210	ACROLEIN TOTWUG/L	09/10/80-09/10/80	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
34213	ACROLEIN DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
34215	ACRYLONITRILE TOTWUG/L	09/10/80-09/10/80	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
34218	ACRYLONITRILE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
34220	ANTHRACENE TOTWUG/L	09/10/80-09/10/80	1	27.	27.	27.	27.	0.	0.	**	**	**	**
34223	ANTHRACENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1	33000.	33000.	33000.	33000.	0.	0.	**	**	**	**
34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34237	BENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1	490.	490.	490.	490.	0.	0.	**	**	**	**
34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34247	BENZO-A-PYRENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34257	B-BHC-BETA DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34262	DELTA BENZENE HEXACHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34268	BIS (CHLOROMETHYL) ETHER TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34271	BIS (CHLOROMETHYL) ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34290	BROMOFORM DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34295	N-BUTYL BENZYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34299	CARBON TETRACHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34301	CHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34304	CHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1	560.	560.	560.	560.	0.	0.	**	**	**	**
34309	CHLORODIBROMOMETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34311	CHLOROETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34314	CHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34318	CHLOROFORM DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34320	CHRYSENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34323	CHRYSENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1	16000.	16000.	16000.	16000.	0.	0.	**	**	**	**
34330	DICHLOROBROMOMETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34334	DICHLORODIFLUOROMETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34336	DIETHYL PHTHALATE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34341	DIMETHYL PHTHALATE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34346	1,2-DIPHENYLHYDRAZINE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34349	1,2-DIPHENYLHYDRAZINE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34351	ENDOSULFAN SULFATE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34356	ENDOSULFAN, BETA TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34361	ENDOSULFAN, ALPHA TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34366	ENDRIN ALDEHYDE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34374	ETHYLBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1	78.	78.	78.	78.	0.	0.	**	**	**	**
34376	FLUORANTHENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34379	FLUORANTHENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1	40000.	40000.	40000.	40000.	0.	0.	**	**	**	**
34381	FLUORENE TOTWUG/L	09/10/80-09/10/80	1	13.	13.	13.	13.	0.	0.	**	**	**	**
34384	FLUORENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1	19000.	19000.	19000.	19000.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0111

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34391	HEXACHLOROBUTADIENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34396	HEXACHLOROETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34408	ISOPHORONE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34411	ISOPHORONE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34413	METHYL BROMIDE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34416	METHYL BROMIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34418	METHYL CHLORIDE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34421	METHYL CHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34423	METHYLENE CHLORIDE TOTWUG/L	09/10/80-09/10/80	1	42.	42.	42.	42.	0.	0.	**	**	**	**
34426	METHYLENE CHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	1	750.	750.	750.	750.	0.	0.	**	**	**	**
34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34433	N-NITROSODIPHENYLAMINE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34438	N-NITROSODIMETHYLAMINE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34441	N-NITROSODIMETHYLAMINE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34445	NAPHTHALENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1	21000.	21000.	21000.	21000.	0.	0.	**	**	**	**
34447	NITROBENZENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34450	NITROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34452	PARACHLOROMETA CRESOL TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34455	PARACHLOROMETA CRESOL DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34461	PHENANTHRENE TOTWUG/L	09/10/80-09/10/80	1	27.	27.	27.	27.	0.	0.	**	**	**	**
34464	PHENANTHRENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1	33000.	33000.	33000.	33000.	0.	0.	**	**	**	**
34469	PYRENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34472	PYRENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1	32000.	32000.	32000.	32000.	0.	0.	**	**	**	**
34475	TETRACHLOROETHYLENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34478	TETRACHLOROETHYLENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34480	THALLIUM DRY WGTBOTMG/KG	09/11/80-09/11/80	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34483	TOLUENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1	650.	650.	650.	650.	0.	0.	**	**	**	**
34487	TRICHLOROETHYLENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34491	TRICHLOROFLUOROMETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34495	VINYL CHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34496	1,1-DICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34499	1,1-DICHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34501	1,1-DICHLOROETHYLENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34504	1,1-DICHLOROETHYLENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34509	1,1,1-TRICHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34514	1,1,2-TRICHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34519	1,1,2,2-TETRACHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	09/11/80-09/11/80	1	16000.	16000.	16000.	16000.	0.	0.	**	**	**	**
34531	1,2-DICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34534	1,2-DICHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34536	1,2-DICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1	880.	880.	880.	880.	0.	0.	**	**	**	**
34541	1,2-DICHLOROPROPANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34544	1,2-DICHLOROPROPANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34549	TRANS-1,2-DICHLOROETHENE, IN SED. DRY WT. UG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1	2400.	2400.	2400.	2400.	0.	0.	**	**	**	**
34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0111

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1	2600.	2600.	2600.	2600.	0.	0.	**	**	**	**
34564	1,3-DICHLOROPROPENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34566	1,3-DICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1	300.	300.	300.	300.	0.	0.	**	**	**	**
34571	1,4-DICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1	1300.	1300.	1300.	1300.	0.	0.	**	**	**	**
34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34579	2-CHLOROETHYL VINYL ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34581	2-CHLORONAPHTHALENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34586	2-CHLOROPHENOL TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34589	2-CHLOROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34591	2-NITROPHENOL TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34594	2-NITROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34596	DI-N-OCTYL PHTHALATE TOTWUG/L	09/10/80-09/10/80	1	18.	18.	18.	18.	0.	0.	**	**	**	**
34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34601	2,4-DICHLOROPHENOL TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34604	2,4-DICHLOROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34606	2,4-DIMETHYLPHENOL TOTWUG/L	09/10/80-09/10/80	1	209.	209.	209.	209.	0.	0.	**	**	**	**
34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34611	2,4-DINITROTOLUENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34614	2,4-DINITROTOLUENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34616	2,4-DINITROPHENOL TOTWUG/L	09/10/80-09/10/80	1 ##	125.	125.	125.	125.	0.	0.	**	**	**	**
34619	2,4-DINITROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34624	2,4,6-TRICHLOROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34626	2,6-DINITROTOLUENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34629	2,6-DINITROTOLUENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34634	3,3'-DICHLOROBENZIDINE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34639	4-BROMOPHENYL PHENYL ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34644	4-CHLOROPHENYL PHENYL ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34646	4-NITROPHENOL TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34649	4-NITROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	09/10/80-09/10/80	1 ##	125.	125.	125.	125.	0.	0.	**	**	**	**
34660	DNOC (4,6-DINITRO-ORTHO-CRESOL) DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34668	DICHLORODIFUOROMETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34671	PCB - 1016 TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	09/10/80-09/10/80	1	6794.	6794.	6794.	6794.	0.	0.	**	**	**	**
34695	PHENOL(C6H5OH)-SINGLE COMPOUND DRY WGTTUG/KG	09/11/80-09/11/80	1	2000.	2000.	2000.	2000.	0.	0.	**	**	**	**
34696	NAPHTHALENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	09/10/80-09/10/80	1	200.	200.	200.	200.	0.	0.	**	**	**	**
39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	09/11/80-09/11/80	1	300.	300.	300.	300.	0.	0.	**	**	**	**
39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39121	BENZIDINE IN BOTTOM DEPOS UG/KG DRY SOLIDS	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0111

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	09/10/80-09/10/80	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/11/80-09/11/80	1	64.4	64.4	64.4	64.4	0.	0.	**	**	**	**
77161	1,2-DICHLOROPROPENE WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0111

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	0 &	0	0.00												
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	1	0	0.00	1	0	0.00									
		Drinking Water	4.	0 &	0	0.00												
01027	CADMIUM, TOTAL	Fresh Acute	3.9	0 &	0	0.00												
		Drinking Water	5.	0 &	0	0.00												
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	0 &	0	0.00												
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	0 &	0	0.00												
		Drinking Water	15.	0 &	0	0.00												
01059	THALLIUM, TOTAL	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	2.	0 &	0	0.00												
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01077	SILVER, TOTAL	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	100.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0111

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
01097	ANTIMONY, TOTAL	Fresh Acute	88.	0 &	0	0.00												
		Drinking Water	6.	0 &	0	0.00												
01147	SELENIUM, TOTAL	Fresh Acute	20.	0 &	0	0.00												
		Drinking Water	50.	1	0	0.00	1	0	0.00									
32101	BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32102	CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	0 &	0	0.00												
32104	BROMOFORM, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32105	DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32106	CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	1	0	0.00	1	0	0.00									
		Drinking Water	1000.	1	0	0.00	1	0	0.00									
34205	ACENAPHTHENE, TOTAL	Fresh Acute	1700.	1	0	0.00	1	0	0.00									
34210	ACROLEIN, TOTAL	Fresh Acute	68.	1	0	0.00	1	0	0.00									
34215	ACRYLONITRILE, TOTAL	Fresh Acute	7550.	1	0	0.00	1	0	0.00									
34301	CHLOROBENZENE, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
34346	1,2-DIPHENYLHYDRAZINE, TOTAL	Fresh Acute	270.	1	0	0.00	1	0	0.00									
34356	ENDOSULFAN, BETA, TOTAL	Fresh Acute	0.22	0 &	0	0.00												
34361	ENDOSULFAN, ALPHA, TOTAL	Fresh Acute	0.22	0 &	0	0.00												
34371	ETHYLBENZENE, TOTAL	Fresh Acute	32000.	1	0	0.00	1	0	0.00									
		Drinking Water	700.	1	0	0.00	1	0	0.00									
34376	FLUORANTHENE, TOTAL	Fresh Acute	3980.	1	0	0.00	1	0	0.00									
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL	Fresh Acute	7.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
34391	HEXACHLOROBUTADIENE, TOTAL	Fresh Acute	90.	1	0	0.00	1	0	0.00									
34396	HEXACHLOROETHANE, TOTAL	Fresh Acute	980.	1	0	0.00	1	0	0.00									
34403	INDENO (1,2,3-CD) PYRENE, TOTAL	Drinking Water	0.4	0 &	0	0.00												
34408	ISOPHORONE, TOTAL	Fresh Acute	117000.	1	0	0.00	1	0	0.00									
34423	METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	1	1	1.00	1	1	1.00									
34447	NITROBENZENE, TOTAL	Fresh Acute	27000.	1	0	0.00	1	0	0.00									
34452	PARACHLOROMETA CRESOL, TOTAL	Fresh Acute	30.	1	0	0.00	1	0	0.00									
34461	PHENANTHRENE, TOTAL	Fresh Acute	30.	1	0	0.00	1	0	0.00									
34475	TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	0 &	0	0.00												
34501	1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	1	0	0.00	1	0	0.00									
34506	1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	1	0	0.00	1	0	0.00									
34511	1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	0 &	0	0.00												
34531	1,2-DICHLOROETHANE, TOTAL	Fresh Acute	118000.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	0 &	0	0.00												
34536	1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00	1	0	0.00									
34541	1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	0 &	0	0.00												
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	1	0	0.00	1	0	0.00									
34551	1,2,4-TRICHLOROBENZENE, TOTAL	Drinking Water	70.	1	0	0.00	1	0	0.00									
34566	1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00	1	0	0.00									
34571	1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	1	0	0.00	1	0	0.00									
34586	2-CHLOROPHENOL, TOTAL	Fresh Acute	4380.	1	0	0.00	1	0	0.00									
34601	2,4-DICHLOROPHENOL, TOTAL	Fresh Acute	2020.	1	0	0.00	1	0	0.00									
34606	2,4-DIMETHYLPHENOL, TOTAL	Fresh Acute	2120.	1	0	0.00	1	0	0.00									
34611	2,4-DINITROTOLUENE, TOTAL	Fresh Acute	330.	1	0	0.00	1	0	0.00									
34694	PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	Fresh Acute	10200.	1	0	0.00	1	0	0.00									
34696	NAPHTHALENE, TOTAL	Fresh Acute	2300.	1	0	0.00	1	0	0.00									
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	1.	0 &	0	0.00												
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	Fresh Acute	2000.	1	0	0.00	1	0	0.00									
		Drinking Water	6.	1	1	1.00	1	1	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0111

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	0 &	0	0.00												
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	0 &	0	0.00												
39300	P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	0 &	0	0.00												
39310	P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	0 &	0	0.00												
39320	P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	1	0	0.00	1	0	0.00									
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	0 &	0	0.00												
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	0 &	0	0.00												
		Drinking Water	0.2	0 &	0	0.00												
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	0 &	0	0.00												
		Drinking Water	2.	0 &	0	0.00												
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	0 &	0	0.00												
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	0 &	0	0.00												
		Drinking Water	2.	0 &	0	0.00												
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	0 &	0	0.00												
		Drinking Water	3.	0 &	0	0.00												
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	0 &	0	0.00												
		Drinking Water	0.4	0 &	0	0.00												
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	0 &	0	0.00												
		Drinking Water	0.2	0 &	0	0.00												
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	1	0	0.00	1	0	0.00									
		Drinking Water	1.	0 &	0	0.00												
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0112

NPS Station ID: CHCH0112 LAT/LON: 34.996198/ -85.350115 Agency: 11NPSWRD Date Created: 04/03/99
Location: TNHM567R FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/SPRING STORET Station ID(s): CHCH_NURE_25 /4084924
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: TENNESSEE RIVER Elevation: 0 Water Body Id:
Minor Basin: TENNESSEE R-MAIN STEM & MINOR TRIBS ECO Region:
RF1 Index: 06020001 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 06020001011302.01 RF3 Mile Point: 3.41 Distance from RF3: 0.11 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE FORT OGLETHORPE TN-GA 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THIS SITE IS AT A SPRING AND IS LOCATED OUTSIDE OF THE CHICKAMAUGA AND CHATTANOOGA NATIONAL MILITARY PARK BOUNDARIES. EACH SAMPLE WAS FILTERED THROUGH A LESS THAN OR EQUAL TO 0.8 UM FILTER AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATABASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K.D. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATABASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUNDWATER DATA. THE "UNIQID" ENTRY WAS USED TO CREATE THE SECONARY STATION NAME. THE "SRLID" (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) ENTRY WAS USED TO CREATE THE LOCATION. SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY RONDA BURNS; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FT. COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: CHCH0112

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/02/78-10/02/78	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/02/78-10/02/78	1	120.	120.	120.	120.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	10/02/78-10/02/78	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	10/02/78-10/02/78	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/02/78-10/02/78	1	0.079	0.079	0.079	0.079	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/02/78-10/02/78	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/02/78-10/02/78	1	10.63	10.63	10.63	10.63	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/02/78-10/02/78	1	154.	154.	154.	154.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	10/02/78-10/02/78	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/02/78-10/02/78	1	56.	56.	56.	56.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	10/02/78-10/02/78	1	0.037	0.037	0.037	0.037	0.	0.	**	**	**	**
50700	FLUORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	10/02/78-10/02/78	1	51.	51.	51.	51.	0.	0.	**	**	**	**
50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	10/02/78-10/02/78	1	14500.	14500.	14500.	14500.	0.	0.	**	**	**	**
50761	BROMINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	10/02/78-10/02/78	1	68.	68.	68.	68.	0.	0.	**	**	**	**
82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	10/02/78-10/02/78	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0112

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0113

NPS Station ID: CHCH0113
LAT/LON: 34.996393/ -85.306392
Agency: 1113S000
Date Created: / /
Location: CHATT CK @ UNNAMED TRIB. @ M 0.2
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 470220 /TR-CT-2
RMI-Indexes: 1021500 007720 00920 6140 4310
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 004.30 000.20
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 16.00
On/Off RF1:
RF3 Index: 06020001124402.18
RF3 Mile Point: 5.45
Distance from RF3: 0.10
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0113

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/27/73-03/07/73	8	0.	0.	0.	0.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/27/73-03/07/73	7	17.	17.857	25.	12.	22.726	4.767	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	02/27/73-03/07/73	8	0.45	0.663	2.	0.3	0.308	0.555	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/27/73-03/07/73	8	105.	108.375	210.	10.	5696.839	75.477	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/27/73-03/07/73	8	17250.	18285.	32500.	4680.	75104657.143	8666.294	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	02/27/73-02/28/73	2	6.75	6.75	7.6	5.9	1.445	1.202	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	02/27/73-03/07/73	8	437.5	496.875	1160.	100.	102735.268	320.523	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	02/27/73-03/02/73	2	1262.	1262.	1760.	764.	496008.	704.278	**	**	**	**
00400	PH (STANDARD UNITS)	02/27/73-03/07/73	7	5.5	5.321	8.5	2.1	3.92	1.98	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/27/73-03/07/73	7	5.5	2.939	8.5	2.1	10.542	3.247	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/27/73-03/07/73	7	3.162	1151.064	7943.282	0.003	8971865.343	2995.307	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	02/27/73-03/07/73	8	5.15	4.95	8.8	2.1	4.946	2.224	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	02/27/73-03/07/73	8	5.082	2.785	8.8	2.1	10.304	3.21	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/27/73-03/07/73	8	8.285	1641.515	7943.282	0.002	9526190.336	3086.453	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/27/73-03/07/73	8	49.5	186.125	1000.	0.	116612.982	341.486	**	**	**	**
00435	ACIDITY, TOTAL (MG/L AS CACO3)	02/27/73-03/07/73	8	718.	702.375	1550.	0.	249705.696	499.706	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	02/27/73-03/07/73	8	11785.	13832.	27210.	2604.	62431578.286	7901.366	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	02/27/73-03/07/73	8	3005.5	4886.5	11260.	993.	15922108.	3990.252	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	02/27/73-03/07/73	8	11535.	13668.875	27160.	2514.	63133542.125	7945.662	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/27/73-03/07/73	8	124.	163.	375.	45.	14808.286	121.689	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/27/73-03/07/73	8	46.	56.75	143.	14.	1755.357	41.897	**	**	**	**
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	02/28/73-03/07/73	5	12.	12.8	18.	8.	17.2	4.147	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/27/73-03/07/73	8	1450.	1431.125	2380.	374.	539342.982	734.4	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/27/73-03/07/73	8	1517.5	1509.375	2650.	390.	609695.982	780.83	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/27/73-03/07/73	8	1.76	1.768	2.6	1.1	0.192	0.438	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/27/73-03/07/73	8	0.3	0.365	1.	0.1	0.085	0.292	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/27/73-03/07/73	8	280.	337.5	660.	170.	26421.429	162.547	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	03/02/73-03/05/73	2 ##	0.243	0.243	0.48	0.005	0.113	0.336	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/02/73-03/02/73	1	150.	150.	150.	150.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	03/02/73-03/02/73	1	188.	188.	188.	188.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	03/02/73-03/02/73	1	61750.	61750.	61750.	61750.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	03/02/73-03/02/73	1	175.	175.	175.	175.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	03/02/73-03/02/73	1	10000.	10000.	10000.	10000.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	03/02/73-03/02/73	1	80.	80.	80.	80.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	03/02/73-03/02/73	1	2000.	2000.	2000.	2000.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/27/73-03/07/73	7	790.	2015.714	7900.	10.	7966161.905	2822.439	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/27/73-03/07/73	7	2.898	2.661	3.898	1.	1.198	1.095	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			458.047								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0113

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/27/73-03/07/73	7	490.	1798.571	7900.	10.	8587847.619	2930.503	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/27/73-03/07/73	7	2.69	2.458	3.898	1.	1.203	1.097	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			287.275								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	02/27/73-03/07/73	8	49250.	83275.	360000.	15500.	12941976428.571	113762.808	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0113

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	8	6	0.75				2	1	0.50	6	5	0.83			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00				2	0	0.00						
00400	PH	Fresh Chronic	9.	7	0	0.00				2	0	0.00	5	0	0.00			
		Other-Lo Lim.	6.5	7	6	0.86				2	1	0.50	5	5	1.00			
00403	PH, LAB	Fresh Chronic	9.	8	0	0.00				2	0	0.00	6	0	0.00			
		Other-Lo Lim.	6.5	8	7	0.88				2	1	0.50	6	6	1.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	8	0	0.00				2	0	0.00	6	0	0.00			
00720	CYANIDE, TOTAL	Fresh Acute	0.022	2	1	0.50							2	1	0.50			
		Drinking Water	0.2	2	1	0.50							2	1	0.50			
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	1	1.00							1	1	1.00			
01042	COPPER, TOTAL	Fresh Acute	18.	1	1	1.00							1	1	1.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	1	1	1.00							1	1	1.00			
		Drinking Water	15.	1	1	1.00							1	1	1.00			
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	1	1	1.00							1	1	1.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	7	3	0.43				2	0	0.00	5	3	0.60			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	7	4	0.57				2	1	0.50	5	3	0.60			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0114

NPS Station ID: CHCH0114
LAT/LON: 34.996670/ -85.175837
Agency: 21TNWQ
Date Created: / /
Location: SOUTH CHICKAMAUGA CREEK
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 002410 /332410 /232410
RMI-Indexes: 1021500 007720 00920 6180
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 016.20
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER
ECO Region:
RF1 Index: 06020001011
RF1 Mile Point: 1.250
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 06020001006700.00
RF3 Mile Point: 3.19
Distance from RF3: 0.06
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0114

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/03/60-08/17/64	13	22.	22.077	26.	17.	6.577	2.565	17.8	20.	24.	25.6
00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/03/60-08/17/64	13	39.	75.077	308.	16.	8121.744	90.121	16.	19.	110.5	263.2
00080	COLOR (PLATINUM-COBALT UNITS)	05/03/60-05/06/60	3	95.	79.	107.	35.	1488.	38.575	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	05/03/60-08/17/64	13	169.	400.538	1608.	85.	220688.603	469.775	89.8	111.	723.	1336.
00300	OXYGEN, DISSOLVED MG/L	05/03/60-08/17/64	13	7.	7.031	8.3	4.7	0.742	0.862	5.46	6.9	7.35	8.26
00310	BOD, 5 DAY, 20 DEG C MG/L	05/03/60-08/17/64	13	1.	1.238	2.7	0.6	0.439	0.663	0.64	0.75	1.55	2.58
00403	PH, LAB, STANDARD UNITS SU	05/03/60-08/17/64	13	7.1	7.277	7.9	7.	0.095	0.309	7.	7.	7.45	7.86
00403	CONVERTED PH, LAB, STANDARD UNITS	05/03/60-08/17/64	13	7.1	7.196	7.9	7.	0.102	0.32	7.	7.	7.45	7.86
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/03/60-08/17/64	13	0.079	0.064	0.1	0.013	0.001	0.033	0.014	0.036	0.1	0.1
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/03/60-05/06/60	3	79.	77.	83.	69.	52.	7.211	**	**	**	**
00437	ACIDITY, CO2 (PHENOLPHTHALEIN) (MG/L AS CACO3)	05/03/60-05/06/60	3	4.	4.	4.	4.	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	05/03/60-05/06/60	3	133.	132.	136.	127.	21.	4.583	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/03/60-05/06/60	3	30.	31.667	41.	24.	74.333	8.622	**	**	**	**
00545	RESIDUE, SETTLEABLE (ML/L)	05/03/60-05/06/60	2	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/03/60-05/06/60	3	82.	78.	86.	66.	112.	10.583	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/03/60-05/06/60	3	3.	3.	3.	3.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0114

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	13	4	0.31	10	4	0.40				3	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	13	0	0.00	10	0	0.00				3	0	0.00			
00403	PH, LAB	Fresh Chronic	9.	13	0	0.00	10	0	0.00				3	0	0.00			
		Other-Lo Lim.	6.5	13	0	0.00	10	0	0.00				3	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	0	0.00							3	0	0.00			
		Drinking Water	250.	3	0	0.00							3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0115

NPS Station ID: CHCH0115
LAT/LON: 34.996948/ -85.297503
Agency: 1113S000
Date Created: / /
Location: CHATT CK AT JACKSON MFG CO DISCH
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM
STORET Station ID(s): 470268 /TR-JA-1
RMI-Indexes: 1021500 007720 00920 6140
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 004.70
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 06020001124400.28
RF3 Mile Point: 1.14
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0115

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: CHCH0116

NPS Station ID: CHCH0116
LAT/LON: 34.997226/ -85.313892
Agency: 1113S000
Date Created: / /
Location: CHATT CK WOODWARD CORP N. DITCH
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM
STORET Station ID(s): 470280 /TR-WO-1
RMI-Indexes: 1021500 007720 00920 6140
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 004.90
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 17.20
On/Off RF1:
RF3 Index: 06020001124404.48
RF3 Mile Point: 4.79
Distance from RF3: 0.27
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0116

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/28/73-03/02/73	9	13.	13.444	14.	13.	0.278	0.527	13.	13.	14.	14.
00058	FLOW, RATE GALLONS/MIN	02/28/73-03/02/73	3	4.	4.333	5.	4.	0.333	0.577	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	02/28/73-03/02/73	3 ##	4.	4.	4.	4.	0.	0.	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	02/28/73-03/02/73	3 ##	25.	38.333	65.	25.	533.333	23.094	**	**	**	**
00400	PH (STANDARD UNITS)	03/01/73-03/01/73	2	6.05	6.05	6.2	5.9	0.045	0.212	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/01/73-03/01/73	2	6.025	6.025	6.2	5.9	0.046	0.215	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/01/73-03/01/73	2	0.945	0.945	1.259	0.631	0.197	0.444	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	02/28/73-03/02/73	3	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	02/28/73-03/02/73	3	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/28/73-03/02/73	3	0.316	0.316	0.316	0.316	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	03/01/73-03/02/73	2	2726.	2726.	3619.	1833.	1594898.	1262.893	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/01/73-03/02/73	2	1492.	1492.	2241.	743.	1122002.	1059.246	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/01/73-03/02/73	2	2667.5	2667.5	3579.	1756.	1661664.5	1289.056	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/01/73-03/02/73	2	58.5	58.5	77.	40.	684.5	26.163	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/01/73-03/02/73	2	14.5	14.5	19.	10.	40.5	6.364	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/28/73-03/02/73	3	37.4	37.2	37.6	36.6	0.28	0.529	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/28/73-03/02/73	3	38.2	37.967	38.2	37.5	0.163	0.404	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/28/73-03/02/73	3	0.26	0.25	0.28	0.21	0.001	0.036	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/28/73-03/02/73	3	0.05	0.087	0.16	0.05	0.004	0.064	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/28/73-03/02/73	3	3.	3.333	4.	3.	0.333	0.577	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	02/28/73-03/02/73	3	130.	138.333	162.	123.	432.333	20.793	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0116

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	2	0	0.00							2	0	0.00			
		Other-Lo Lim.	6.5	2	2	1.00							2	2	1.00			
00403	PH, LAB	Fresh Chronic	9.	3	0	0.00				1	0	0.00	2	0	0.00			
		Other-Lo Lim.	6.5	3	3	1.00				1	1	1.00	2	2	1.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	0	0.00				1	0	0.00	2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0117

NPS Station ID: CHCH0117
LAT/LON: 34.997226/ -85.314170
Agency: 1113S000
Date Created: / /
Location: CHATT CK WOODWARD CORP H20 DRAIN
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM
STORET Station ID(s): 470284 /TR-WO-3
RMI-Indexes: 1021500 007720 00920 6140
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 004.90
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 20.00
On/Off RF1:
RF3 Index: 06020001124404.48
RF3 Mile Point: 4.84
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0117

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/28/73-03/02/73	9	15.	14.222	18.	10.	6.444	2.539	10.	12.	16.	18.
00058	FLOW, RATE GALLONS/MIN	02/28/73-03/02/73	3	2.7	7.8	20.	0.7	112.63	10.613	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	02/28/73-03/02/73	3	24.	43.	99.	6.	2433.	49.325	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	02/28/73-03/02/73	3	136.	180.333	380.	25.	32980.333	181.605	**	**	**	**
00400	PH (STANDARD UNITS)	03/01/73-03/01/73	3	5.9	6.1	6.5	5.9	0.12	0.346	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/01/73-03/01/73	3	5.9	6.025	6.5	5.9	0.129	0.358	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/01/73-03/01/73	3	1.259	0.945	1.259	0.316	0.296	0.544	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	02/28/73-03/02/73	3	6.5	6.467	6.6	6.3	0.023	0.153	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	02/28/73-03/02/73	3	6.5	6.448	6.6	6.3	0.024	0.154	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/28/73-03/02/73	3	0.316	0.356	0.501	0.251	0.017	0.13	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	03/01/73-03/02/73	2	2278.5	2278.5	3620.	937.	3599244.5	1897.167	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/01/73-03/02/73	2	1635.	1635.	2952.	318.	3468978.	1862.519	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/01/73-03/02/73	2	2140.5	2140.5	3597.	684.	4242784.5	2059.802	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/01/73-03/02/73	2	138.	138.	253.	23.	26450.	162.635	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/01/73-03/02/73	2	93.	93.	177.	9.	14112.	118.794	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/28/73-03/02/73	3	88.	91.333	105.	81.	152.333	12.342	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/28/73-03/02/73	3	117.	117.167	147.	87.5	885.083	29.75	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/28/73-03/02/73	3	4.5	6.133	10.4	3.5	13.903	3.729	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/28/73-03/02/73	3	0.06	0.063	0.11	0.02	0.002	0.045	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/28/73-03/02/73	3	58.	42.333	65.	4.	1114.333	33.382	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	03/01/73-03/02/73	2	23250.	23250.	42000.	4500.	703125000.	26516.504	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0117

				Total	Exceed	Prop.	----------6/01-10/31----------			----------11/01-2/29----------			----------3/01-5/31----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	3	0	0.00							3	0	0.00			
		Other-Lo Lim.	6.5	3	3	1.00							3	3	1.00			
00403	PH, LAB	Fresh Chronic	9.	3	0	0.00				1	0	0.00	2	0	0.00			
		Other-Lo Lim.	6.5	3	2	0.67				1	0	0.00	2	2	1.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	1	0.33				1	1	1.00	2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0118

NPS Station ID: CHCH0118
Location: CHATT CK VELSICOL CHEM. CORP.
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM
RMI-Indexes: 1021500 007720 00920 6140
RMI-Miles: 0953.80 0046.50 460.60 004.90
HUC: 06020001
Major Basin: SOUTHEAST
Minor Basin: TENNESSEE RIVER BASIN
RF1 Index: 06020001
RF3 Index: 06020001124404.48
Description:

LAT/LON: 34.997226/ -85.315281
Depth of Water: 0
Elevation: 0
RF1 Mile Point: 0.000
RF3 Mile Point: 4.76

Agency: 1113S000
FIPS State/County: 47065 TENNESSEE/HAMILTON
STORET Station ID(s): 470278 /VE-3
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 20.70
Distance from RF3: 0.04

Date Created: / /
On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: CHCH0118

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/01/73-03/02/73	6	48.5	55.333	110.	24.	852.667	29.2	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	03/01/73-03/02/73	2	33.5	33.5	35.	32.	4.5	2.121	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	03/01/73-03/02/73	2 ##	102.5	102.5	195.	10.	17112.5	130.815	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	03/01/73-03/02/73	2	270.	270.	480.	60.	88200.	296.985	**	**	**	**
00400	PH (STANDARD UNITS)	03/01/73-03/02/73	6	7.05	7.067	7.3	6.9	0.027	0.163	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/01/73-03/02/73	6	7.047	7.042	7.3	6.9	0.027	0.165	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/01/73-03/02/73	6	0.09	0.091	0.126	0.05	0.001	0.032	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/01/73-03/02/73	2	7.75	7.75	8.3	7.2	0.605	0.778	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/01/73-03/02/73	2	7.468	7.468	8.3	7.2	0.764	0.874	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/01/73-03/02/73	2	0.034	0.034	0.063	0.005	0.002	0.041	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	03/01/73-03/02/73	2	368.5	368.5	567.	170.	78804.5	280.721	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/01/73-03/02/73	2	232.	232.	370.	94.	38088.	195.161	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/01/73-03/02/73	2	354.5	354.5	541.	168.	69564.5	263.751	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/01/73-03/02/73	2	14.	14.	26.	2.	288.	16.971	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/01/73-03/02/73	2 ##	12.25	12.25	24.	0.5	276.125	16.617	**	**	**	**
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	03/02/73-03/02/73	1	150.	150.	150.	150.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/01/73-03/02/73	2	0.29	0.29	0.57	0.01	0.157	0.396	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/01/73-03/02/73	2	1.035	1.035	1.85	0.22	1.328	1.153	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/01/73-03/02/73	2	1.76	1.76	3.06	0.46	3.38	1.838	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/01/73-03/02/73	2	0.04	0.04	0.07	0.01	0.002	0.042	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/01/73-03/02/73	2	130.	130.	240.	20.	24200.	155.563	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0118

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	6	0	0.00							6	0	0.00			
		Other-Lo Lim.	6.5	6	0	0.00							6	0	0.00			
00403	PH, LAB	Fresh Chronic	9.	2	0	0.00							2	0	0.00			
		Other-Lo Lim.	6.5	2	0	0.00							2	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00							2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0119

NPS Station ID: CHCH0119
LAT/LON: 34.997226/ -85.378893
Agency: 1113S000
Date Created: / /
Location: LOOKOUT CK L&N RR UNDERDRAIN EFF
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM
STORET Station ID(s): 470248 /L&N-5
RMI-Indexes: 1021500 007720 00920 6124
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 459.80 003.40
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001003
RF1 Mile Point: 4.800
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 06020001009400.00
RF3 Mile Point: 0.24
Distance from RF3: 0.22
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0119

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/06/73-03/08/73	9	12.	11.444	13.	10.	1.528	1.236	10.	10.	12.5	13.
00058	FLOW, RATE GALLONS/MIN	03/06/73-03/08/73	3	95.	96.667	135.	60.	1408.333	37.528	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	03/07/73-03/08/73	2	21.05	21.05	38.	4.1	574.605	23.971	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	03/06/73-03/08/73	3 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/06/73-03/08/73	3	8.4	8.433	8.5	8.4	0.003	0.058	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/06/73-03/08/73	3	8.4	8.431	8.5	8.4	0.003	0.058	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/06/73-03/08/73	3	0.004	0.004	0.004	0.003	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	03/06/73-03/08/73	3	515.	510.	519.	496.	151.	12.288	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/06/73-03/08/73	3	182.	187.333	198.	182.	85.333	9.238	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/06/73-03/08/73	3	513.	505.667	514.	490.	184.333	13.577	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/06/73-03/08/73	3	6.	4.333	6.	1.	8.333	2.887	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/06/73-03/08/73	3	2.	2.167	4.	0.5	3.083	1.756	**	**	**	**
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	03/06/73-03/07/73	2	17.	17.	25.	9.	128.	11.314	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/06/73-03/08/73	3	1.02	0.943	1.25	0.56	0.123	0.351	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/06/73-03/08/73	3	1.77	1.757	2.15	1.35	0.16	0.4	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/06/73-03/08/73	3	17.5	17.833	19.	17.	1.083	1.041	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/06/73-03/08/73	3	0.12	0.13	0.15	0.12	0.	0.017	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/06/73-03/08/73	3	8.	7.333	8.	6.	1.333	1.155	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0119

				Total	Exceed	Prop.	6/01-10/31			11/01-2/29			3/01-5/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403	PH, LAB	Fresh Chronic	9.	3	0	0.00							3	0	0.00			
		Other-Lo Lim.	6.5	3	0	0.00							3	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	3	1.00							3	3	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0120

NPS Station ID: CHCH0120
LAT/LON: 34.997781/ -85.315003
Agency: 1113S000
Date Created: / /
Location: CHATT CK SWIFT CO. COOLING WATER
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM
STORET Station ID(s): 470274 /SW-2
RMI-Indexes: 1021500 007720 00920 6140
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 004.90
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 16.20
On/Off RF1:
RF3 Index: 06020001124404.48
RF3 Mile Point: 4.73
Distance from RF3: 0.37
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0120

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/27/73-03/01/73	3	22.	22.667	25.	21.	4.333	2.082	**	**	**	**
00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	02/27/73-03/01/73	3	10.	10.667	15.	7.	16.333	4.041	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	02/27/73-03/01/73	3	2.6	3.467	5.2	2.6	2.253	1.501	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	02/27/73-03/01/73	3 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	02/27/73-03/01/73	3	6.8	6.967	7.5	6.6	0.223	0.473	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/27/73-03/01/73	3	6.8	6.832	7.5	6.6	0.25	0.5	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/27/73-03/01/73	3	0.158	0.147	0.251	0.032	0.012	0.11	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	02/27/73-03/01/73	3	7.4	7.433	7.6	7.3	0.023	0.153	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	02/27/73-03/01/73	3	7.4	7.416	7.6	7.3	0.024	0.154	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/27/73-03/01/73	3	0.04	0.038	0.05	0.025	0.	0.013	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	02/28/73-03/01/73	2	173.	173.	174.	172.	2.	1.414	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	02/28/73-03/01/73	2	76.5	76.5	93.	60.	544.5	23.335	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	02/28/73-03/01/73	2	168.	168.	172.	164.	32.	5.657	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/28/73-03/01/73	2	5.	5.	8.	2.	18.	4.243	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/28/73-03/01/73	2	3.	3.	5.	1.	8.	2.828	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/27/73-03/01/73	3	0.05	0.057	0.07	0.05	0.	0.012	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/27/73-03/01/73	3	0.26	0.243	0.35	0.12	0.013	0.116	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/27/73-03/01/73	3	0.41	0.447	0.55	0.38	0.008	0.091	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/27/73-03/01/73	3	0.04	0.028	0.04	0.005	0.	0.02	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/27/73-03/01/73	3	4.	7.	15.	2.	49.	7.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0120

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	3	0	0.00				2	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	3	0	0.00				2	0	0.00	1	0	0.00			
00403	PH, LAB	Fresh Chronic	9.	3	0	0.00				2	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	3	0	0.00				2	0	0.00	1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	0	0.00				2	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0121

NPS Station ID: CHCH0121
LAT/LON: 34.998059/ -85.303059
Agency: 21TNWQ
Date Created: 10/01/83
Location: CHATTANOOGA CREEK 4.9 QUAD 106NE
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM/TISSUE
STORET Station ID(s): CHATTCRIS10
RMI-Indexes: 1021500 007720 00920 6140
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 004.90
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 18.80
On/Off RF1:
RF3 Index: 06020001124402.18
RF3 Mile Point: 5.68
Distance from RF3: 0.01
On/Off RF3:
Description:
TENN DIVISION OF WATER MANAGEMENT LIBRARY FILE INDEX NO. BG0.12

Parameter Inventory for Station: CHCH0121

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/14/82-07/15/82	2	25.5	25.5	26.	25.	0.5	0.707	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/14/82-07/15/82	2	8.3	8.3	11.	5.6	14.58	3.818	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	07/14/82-07/15/82	2	84.5	84.5	100.	69.	480.5	21.92	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/14/82-07/15/82	2	5.15	5.15	5.4	4.9	0.125	0.354	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	07/14/82-07/15/82	2 ##	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	07/14/82-07/15/82	2	8.5	8.5	12.	5.	24.5	4.95	**	**	**	**
00400	PH (STANDARD UNITS)	07/14/82-07/15/82	2	6.8	6.8	7.	6.6	0.08	0.283	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/14/82-07/15/82	2	6.755	6.755	7.	6.6	0.084	0.29	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/14/82-07/15/82	2	0.176	0.176	0.251	0.1	0.011	0.107	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/14/82-07/15/82	2	101.	101.	105.	97.	32.	5.657	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	07/14/82-07/15/82	2	170.5	170.5	171.	170.	0.5	0.707	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/14/82-07/15/82	2	12.	12.	14.	10.	8.	2.828	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/14/82-07/14/82	1	0.26	0.26	0.26	0.26	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/14/82-07/15/82	2	0.2	0.2	0.29	0.11	0.016	0.127	**	**	**	**
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	07/14/82-07/15/82	2	0.35	0.35	0.4	0.3	0.005	0.071	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/14/82-07/15/82	2	0.065	0.065	0.08	0.05	0.	0.021	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/14/82-07/15/82	2	117.	117.	119.	115.	8.	2.828	**	**	**	**
00910	CALCIUM (MG/L AS CACO3)	07/14/82-07/15/82	2	86.15	86.15	88.2	84.1	8.405	2.899	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/14/82-07/15/82	2	8.1	8.1	8.2	8.	0.02	0.141	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	07/14/82-07/15/82	2	8.1	8.1	8.4	7.8	0.18	0.424	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	07/14/82-07/15/82	2	1.75	1.75	1.8	1.7	0.005	0.071	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/14/82-07/15/82	2	8.	8.	10.	6.	8.	2.828	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/14/82-07/15/82	2	33.5	33.5	37.	30.	24.5	4.95	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/14/82-07/15/82	2	0.12	0.12	0.15	0.09	0.002	0.042	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	07/14/82-07/15/82	2	0.205	0.205	0.4	0.01	0.076	0.276	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/14/82-07/15/82	2	0.003	0.003	0.004	0.001	0.	0.002	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/14/82-07/15/82	2	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/14/82-07/15/82	2	0.6	0.6	0.7	0.5	0.02	0.141	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/14/82-07/15/82	2	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	07/14/82-07/15/82	2	0.5	0.5	0.8	0.2	0.18	0.424	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	07/14/82-07/15/82	2	0.08	0.08	0.09	0.07	0.	0.014	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	07/14/82-07/15/82	2	0.014	0.014	0.02	0.007	0.	0.009	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	07/14/82-07/15/82	2	0.35	0.35	0.4	0.3	0.005	0.071	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/14/82-07/15/82	2	13300.	13300.	16000.	10600.	14580000.	3818.377	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/14/82-07/15/82	2	4.115	4.115	4.204	4.025	0.016	0.126	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			13023.056								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0121

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/14/82-07/15/82	2	1280.	1280.	1620.	940.	231200.	480.833	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/14/82-07/15/82	2	3.091	3.091	3.21	2.973	0.028	0.167	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1234.018								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/14/82-07/15/82	2	460.	460.	660.	260.	80000.	282.843	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/14/82-07/15/82	2	2.617	2.617	2.82	2.415	0.082	0.286	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			414.246								
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	07/14/82-07/14/82	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0121

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00	2	0	0.00									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	2	0	0.00									
00400	PH	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00	2	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00									
		Drinking Water	250.	2	0	0.00	2	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00	2	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00	2	0	0.00									
01007	BARIUM, TOTAL	Drinking Water	2000.	2	0	0.00	2	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	2	0	0.00	2	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	2	0	0.00	2	0	0.00									
		Drinking Water	1300.	2	0	0.00	2	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	2	0	0.00	2	0	0.00									
		Drinking Water	15.	2	0	0.00	2	0	0.00									
01067	NICKEL, TOTAL	Fresh Acute	1400.	2	0	0.00	2	0	0.00									
		Drinking Water	100.	2	0	0.00	2	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	2	0	0.00	2	0	0.00									
		Drinking Water	5000.	2	0	0.00	2	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	2	1.00	2	2	1.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	2	2	1.00	2	2	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0122

NPS Station ID: CHCH0122
LAT/LON: 34.998892/ -85.307227
Agency: 131TVAC
Date Created: 10/04/80
Location: TRIBUTARY TO CHATTANOOGA CREEK 4.45
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM/SOLIDS
STORET Station ID(s): 476291
RMI-Indexes: 1021500 007720 00920 6140 0080
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 004.45 000.10
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: UNNAMED TRIBUTARY 0.1 NORTH FORK
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 20.70
On/Off RF1:
RF3 Index: 06020001124404.48
RF3 Mile Point: 4.58
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0122

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/10/80-09/10/80	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/10/80-09/10/80	1	28.	28.	28.	28.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/10/80-09/10/80	1	950.	950.	950.	950.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/10/80-09/10/80	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/10/80-09/10/80	1	6.1	6.1	6.1	6.1	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/10/80-09/10/80	1	6.1	6.1	6.1	6.1	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/10/80-09/10/80	1	0.794	0.794	0.794	0.794	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/10/80-09/10/80	1	140.	140.	140.	140.	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	09/10/80-09/10/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	09/10/80-09/10/80	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	09/10/80-09/10/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	09/11/80-09/11/80	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	09/11/80-09/11/80	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/11/80-09/11/80	1 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/11/80-09/11/80	1	76.	76.	76.	76.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/10/80-09/10/80	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/10/80-09/10/80	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/11/80-09/11/80	1	11.7	11.7	11.7	11.7	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/10/80-09/10/80	1 ##	250.	250.	250.	250.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/11/80-09/11/80	1	38.	38.	38.	38.	0.	0.	**	**	**	**
01059	THALLIUM, TOTAL (UG/L AS TL)	09/10/80-09/10/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	09/10/80-09/10/80	1 ##	75.	75.	75.	75.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/11/80-09/11/80	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	09/10/80-09/10/80	1 ##	30.	30.	30.	30.	0.	0.	**	**	**	**
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	09/11/80-09/11/80	1 ##	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/10/80-09/10/80	1	140.	140.	140.	140.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	09/11/80-09/11/80	1	62.	62.	62.	62.	0.	0.	**	**	**	**
01097	ANTIMONY, TOTAL (UG/L AS SB)	09/10/80-09/10/80	1 ##	250.	250.	250.	250.	0.	0.	**	**	**	**
01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	09/11/80-09/11/80	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	09/10/80-09/10/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	09/11/80-09/11/80	1	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
32104	BROMOFORM,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
32106	CHLOROFORM,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0122

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	09/10/80-09/10/80	1	16100.	16100.	16100.	16100.	0.	0.	**	**	**	**
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/10/80-09/10/80	1	119.	119.	119.	119.	0.	0.	**	**	**	**
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34200	ACENAPHTHYLENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34205	ACENAPHTHENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34208	ACENAPHTHENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34210	ACROLEIN TOTWUG/L	09/10/80-09/10/80	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
34213	ACROLEIN DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
34215	ACRYLONITRILE TOTWUG/L	09/10/80-09/10/80	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
34218	ACRYLONITRILE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
34220	ANTHRACENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34223	ANTHRACENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1	490.	490.	490.	490.	0.	0.	**	**	**	**
34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	1	370.	370.	370.	370.	0.	0.	**	**	**	**
34237	BENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	09/11/80-09/11/80	1	380.	380.	380.	380.	0.	0.	**	**	**	**
34247	BENZO-A-PYRENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1	350.	350.	350.	350.	0.	0.	**	**	**	**
34257	B-BHC-BETA DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34262	DELTA BENZENE HEXACHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34268	BIS (CHLOROMETHYL) ETHER TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34271	BIS (CHLOROMETHYL) ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34290	BROMOFORM DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34295	N-BUTYL BENZYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34299	CARBON TETRACHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34301	CHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34304	CHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1	15.	15.	15.	15.	0.	0.	**	**	**	**
34309	CHLORODIBROMOMETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34311	CHLOROETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34314	CHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34318	CHLOROFORM DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34320	CHRYSENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34323	CHRYSENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34330	DICHLOROBROMOMETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34334	DICHLORODIFLUOROMETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34336	DIETHYL PHTHALATE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34341	DIMETHYL PHTHALATE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34346	1,2-DIPHENYLHYDRAZINE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34349	1,2-DIPHENYLHYDRAZINE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34351	ENDOSULFAN SULFATE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34356	ENDOSULFAN, BETA TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34361	ENDOSULFAN, ALPHA TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34366	ENDRIN ALDEHYDE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34374	ETHYLBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34376	FLUORANTHENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34379	FLUORANTHENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1	520.	520.	520.	520.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0122

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34381	FLUORENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34384	FLUORENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34391	HEXACHLOROBUTADIENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34396	HEXACHLOROETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34408	ISOPHORONE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34411	ISOPHORONE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34413	METHYL BROMIDE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34416	METHYL BROMIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34418	METHYL CHLORIDE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34421	METHYL CHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34423	METHYLENE CHLORIDE TOTWUG/L	09/10/80-09/10/80	1	68.	68.	68.	68.	0.	0.	**	**	**	**
34426	METHYLENE CHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	1	24.	24.	24.	24.	0.	0.	**	**	**	**
34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34433	N-NITROSODIPHENYLAMINE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34438	N-NITROSODIMETHYLAMINE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34441	N-NITROSODIMETHYLAMINE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34445	NAPHTHALENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1	490.	490.	490.	490.	0.	0.	**	**	**	**
34447	NITROBENZENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34450	NITROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34452	PARACHLOROMETA CRESOL TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34455	PARACHLOROMETA CRESOL DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34461	PHENANTHRENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34464	PHENANTHRENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1	490.	490.	490.	490.	0.	0.	**	**	**	**
34469	PYRENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34472	PYRENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1	440.	440.	440.	440.	0.	0.	**	**	**	**
34475	TETRACHLOROETHYLENE TOTWUG/L	09/10/80-09/10/80	1	106.	106.	106.	106.	0.	0.	**	**	**	**
34478	TETRACHLOROETHYLENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1	66.	66.	66.	66.	0.	0.	**	**	**	**
34480	THALLIUM DRY WGTBOTMG/KG	09/11/80-09/11/80	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34483	TOLUENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34487	TRICHLOROETHYLENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34491	TRICHLOROFLUOROMETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34495	VINYL CHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34496	1,1-DICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34499	1,1-DICHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34501	1,1-DICHLOROETHYLENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34504	1,1-DICHLOROETHYLENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	1	958.	958.	958.	958.	0.	0.	**	**	**	**
34509	1,1,1-TRICHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1	130.	130.	130.	130.	0.	0.	**	**	**	**
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34514	1,1,2-TRICHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34519	1,1,2,2-TETRACHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34531	1,2-DICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34534	1,2-DICHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34536	1,2-DICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34541	1,2-DICHLOROPROPANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34544	1,2-DICHLOROPROPANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34549	TRANS-1,2-DICHLOROETHENE, IN SED. DRY WT. UG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0122

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34564	1,3-DICHLOROPROPENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34566	1,3-DICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34571	1,4-DICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34579	2-CHLOROETHYL VINYL ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34581	2-CHLORONAPHTHALENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34586	2-CHLOROPHENOL TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34589	2-CHLOROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34591	2-NITROPHENOL TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34594	2-NITROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34596	DI-N-OCTYL PHTHALATE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34601	2,4-DICHLOROPHENOL TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34604	2,4-DICHLOROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34606	2,4-DIMETHYLPHENOL TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34611	2,4-DINITROTOLUENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34614	2,4-DINITROTOLUENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34616	2,4-DINITROPHENOL TOTWUG/L	09/10/80-09/10/80	1 ##	125.	125.	125.	125.	0.	0.	**	**	**	**
34619	2,4-DINITROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34624	2,4,6-TRICHLOROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34626	2,6-DINITROTOLUENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34629	2,6-DINITROTOLUENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34634	3,3'-DICHLOROBENZIDINE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34639	4-BROMOPHENYL PHENYL ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34644	4-CHLOROPHENYL PHENYL ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34646	4-NITROPHENOL TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34649	4-NITROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	09/10/80-09/10/80	1 ##	125.	125.	125.	125.	0.	0.	**	**	**	**
34660	DNOC (4,6-DINITRO-ORTHO-CRESOL) DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34668	DICHLORODIFUOROMETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34671	PCB - 1016 TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34695	PHENOL(C6H5OH)-SINGLE COMPOUND DRY WGTTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34696	NAPHTHALENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	09/11/80-09/11/80	1	250.	250.	250.	250.	0.	0.	**	**	**	**
39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39121	BENZIDINE IN BOTTOM DEPOS UG/KG DRY SOLIDS	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0122

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	09/10/80-09/10/80	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/11/80-09/11/80	1	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
77161	1,2-DICHLOROPROPENE WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0122

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	1	1.00	1	1	1.00									
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00720	CYANIDE, TOTAL	Fresh Acute	0.022	1	0	0.00	1	0	0.00									
		Drinking Water	0.2	1	0	0.00	1	0	0.00									
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	1	0	0.00	1	0	0.00									
		Drinking Water	4.	0 &	0	0.00												
01027	CADMIUM, TOTAL	Fresh Acute	3.9	0 &	0	0.00												
		Drinking Water	5.	0 &	0	0.00												
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	0 &	0	0.00												
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	0 &	0	0.00												
		Drinking Water	15.	0 &	0	0.00												
01059	THALLIUM, TOTAL	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	2.	0 &	0	0.00												

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0122

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01077	SILVER, TOTAL	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	1	1	1.00	1	1	1.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
01097	ANTIMONY, TOTAL	Fresh Acute	88.	0 &	0	0.00												
		Drinking Water	6.	0 &	0	0.00												
01147	SELENIUM, TOTAL	Fresh Acute	20.	0 &	0	0.00												
		Drinking Water	50.	1	0	0.00	1	0	0.00									
32101	BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32102	CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	0 &	0	0.00												
32104	BROMOFORM, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32105	DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32106	CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	1	0	0.00	1	0	0.00									
		Drinking Water	1000.	1	0	0.00	1	0	0.00									
34205	ACENAPHTHENE, TOTAL	Fresh Acute	1700.	1	0	0.00	1	0	0.00									
34210	ACROLEIN, TOTAL	Fresh Acute	68.	1	0	0.00	1	0	0.00									
34215	ACRYLONITRILE, TOTAL	Fresh Acute	7550.	1	0	0.00	1	0	0.00									
34301	CHLOROBENZENE, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
34346	1,2-DIPHENYLHYDRAZINE, TOTAL	Fresh Acute	270.	1	0	0.00	1	0	0.00									
34356	ENDOSULFAN, BETA, TOTAL	Fresh Acute	0.22	0 &	0	0.00												
34361	ENDOSULFAN, ALPHA, TOTAL	Fresh Acute	0.22	0 &	0	0.00												
34371	ETHYLBENZENE, TOTAL	Fresh Acute	32000.	1	0	0.00	1	0	0.00									
		Drinking Water	700.	1	0	0.00	1	0	0.00									
34376	FLUORANTHENE, TOTAL	Fresh Acute	3980.	1	0	0.00	1	0	0.00									
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL	Fresh Acute	7.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
34391	HEXACHLOROBUTADIENE, TOTAL	Fresh Acute	90.	1	0	0.00	1	0	0.00									
34396	HEXACHLOROETHANE, TOTAL	Fresh Acute	980.	1	0	0.00	1	0	0.00									
34403	INDENO (1,2,3-CD) PYRENE, TOTAL	Drinking Water	0.4	0 &	0	0.00												
34408	ISOPHORONE, TOTAL	Fresh Acute	117000.	1	0	0.00	1	0	0.00									
34423	METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	1	1	1.00	1	1	1.00									
34447	NITROBENZENE, TOTAL	Fresh Acute	27000.	1	0	0.00	1	0	0.00									
34452	PARACHLOROMETA CRESOL, TOTAL	Fresh Acute	30.	1	0	0.00	1	0	0.00									
34461	PHENANTHRENE, TOTAL	Fresh Acute	30.	1	0	0.00	1	0	0.00									
34475	TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	1	1.00	1	1	1.00									
34501	1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	1	0	0.00	1	0	0.00									
34506	1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	1	1	1.00	1	1	1.00									
34511	1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	0 &	0	0.00												
34531	1,2-DICHLOROETHANE, TOTAL	Fresh Acute	118000.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	0 &	0	0.00												
34536	1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00	1	0	0.00									
34541	1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	0 &	0	0.00												
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	1	0	0.00	1	0	0.00									
34551	1,2,4-TRICHLOROBENZENE, TOTAL	Drinking Water	70.	1	0	0.00	1	0	0.00									
34566	1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00	1	0	0.00									
34571	1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	1	0	0.00	1	0	0.00									
34586	2-CHLOROPHENOL, TOTAL	Fresh Acute	4380.	1	0	0.00	1	0	0.00									
34601	2,4-DICHLOROPHENOL, TOTAL	Fresh Acute	2020.	1	0	0.00	1	0	0.00									
34606	2,4-DIMETHYLPHENOL, TOTAL	Fresh Acute	2120.	1	0	0.00	1	0	0.00									
34611	2,4-DINITROTOLUENE, TOTAL	Fresh Acute	330.	1	0	0.00	1	0	0.00									
34694	PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	Fresh Acute	10200.	1	0	0.00	1	0	0.00									
34696	NAPHTHALENE, TOTAL	Fresh Acute	2300.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0122

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	1.	0 &	0	0.00												
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	Fresh Acute	2000.	1	0	0.00	1	0	0.00									
		Drinking Water	6.	1	0	0.00	1	0	0.00									
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	0 &	0	0.00												
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	0 &	0	0.00												
39300	P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	0 &	0	0.00												
39310	P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	0 &	0	0.00												
39320	P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	1	0	0.00	1	0	0.00									
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	0 &	0	0.00												
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	0 &	0	0.00												
		Drinking Water	0.2	0 &	0	0.00												
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	0 &	0	0.00												
		Drinking Water	2.	0 &	0	0.00												
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	0 &	0	0.00												
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	0 &	0	0.00												
		Drinking Water	2.	0 &	0	0.00												
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	0 &	0	0.00												
		Drinking Water	3.	0 &	0	0.00												
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	0 &	0	0.00												
		Drinking Water	0.4	0 &	0	0.00												
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	0 &	0	0.00												
		Drinking Water	0.2	0 &	0	0.00												
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	1	0	0.00	1	0	0.00									
		Drinking Water	1.	0 &	0	0.00												
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0123

NPS Station ID: CHCH0123
LAT/LON: 34.999170/ -85.314727
Agency: 1113S000
Date Created: / /
Location: CHATT CK SWIFT CO. STORM SEWER
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM
STORET Station ID(s): 470272 /TR-SW-1
RMI-Indexes: 1021500 007720 00920 6140
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 004.90
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 19.40
On/Off RF1:
RF3 Index: 06020001124404.48
RF3 Mile Point: 4.79
Distance from RF3: 0.05
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0123

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/27/73-03/01/73	9	30.	29.444	32.	27.	2.528	1.59	27.	28.	30.5	32.
00058	FLOW, RATE GALLONS/MIN	02/27/73-03/01/73	3	15.	25.	45.	15.	300.	17.321	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	02/27/73-03/01/73	3	1700.	1660.	2900.	380.	1588800.	1260.476	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	02/27/73-03/01/73	3	2400.	3006.667	5610.	1010.	5566033.333	2359.244	**	**	**	**
00400	PH (STANDARD UNITS)	02/27/73-03/01/73	9	6.6	7.111	12.2	3.1	8.356	2.891	3.1	4.8	9.35	12.2
00400	CONVERTED PH (STANDARD UNITS)	02/27/73-03/01/73	9	6.6	3.934	12.2	3.1	19.71	4.44	3.1	4.8	9.35	12.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/27/73-03/01/73	9	0.251	116.348	794.328	0.	71527.696	267.447	0.	0.001	126.094	794.328
00403	PH, LAB, STANDARD UNITS SU	02/27/73-03/01/73	3	7.8	7.933	12.8	3.2	23.053	4.801	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	02/27/73-03/01/73	3	7.8	3.677	12.8	3.2	50.226	7.087	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/27/73-03/01/73	3	0.016	210.324	630.957	0.	132699.057	364.279	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	02/28/73-03/01/73	2	4246.	4246.	5631.	2861.	3836450.	1958.686	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	02/28/73-03/01/73	2	3646.	3646.	4998.	2294.	3655808.	1912.017	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	02/28/73-03/01/73	2	1773.	1773.	2855.	691.	2341448.	1530.179	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/28/73-03/01/73	2	2473.	2473.	4940.	6.	12172178.	3488.865	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/28/73-03/01/73	2	2403.	2403.	4800.	6.	11491218.	3389.87	**	**	**	**
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	02/27/73-03/01/73	3	2200.	2170.	4100.	210.	3783700.	1945.174	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/27/73-03/01/73	3	0.03	0.637	1.87	0.01	1.141	1.068	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/27/73-03/01/73	3	3.32	3.927	7.34	1.12	9.948	3.154	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/27/73-03/01/73	3	0.28	0.39	0.61	0.28	0.036	0.191	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/27/73-03/01/73	3	14.7	13.467	18.3	7.4	30.843	5.554	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/27/73-03/01/73	3	240.	783.333	2000.	110.	1114433.333	1055.667	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/27/73-03/01/73	3 ##	10.	13.333	20.	10.	33.333	5.774	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	02/27/73-03/01/73	3	55.	66.333	94.	50.	580.333	24.09	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	02/27/73-03/01/73	3	8400.	6713.333	8650.	3090.	9862033.333	3140.387	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	02/27/73-03/01/73	3 ##	50.	120.	260.	50.	14700.	121.244	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	02/27/73-03/01/73	3	300.	350.	460.	290.	9100.	95.394	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	02/27/73-03/01/73	3	80.	103.333	150.	80.	1633.333	40.415	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	02/27/73-03/01/73	3	158.	4287.667	12630.	75.	52197616.333	7224.792	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0123

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	9	2	0.22				6	2	0.33	3	0	0.00			
		Other-Lo Lim.	6.5	9	4	0.44				6	3	0.50	3	1	0.33			
00403	PH, LAB	Fresh Chronic	9.	3	1	0.33				2	1	0.50	1	0	0.00			
		Other-Lo Lim.	6.5	3	1	0.33				2	1	0.50	1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	0	0.00				2	0	0.00	1	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	3	0	0.00				2	0	0.00	1	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	3	3	1.00				2	2	1.00	1	1	1.00			
		Drinking Water	1300.	3	0	0.00				2	0	0.00	1	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	3	1	0.33				2	1	0.50	1	0	0.00			
		Drinking Water	15.	1 &	1	1.00				1	1	1.00						
01067	NICKEL, TOTAL	Fresh Acute	1400.	3	0	0.00				2	0	0.00	1	0	0.00			
		Drinking Water	100.	3	1	0.33				2	1	0.50	1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	3	2	0.67				2	2	1.00	1	0	0.00			
		Drinking Water	5000.	3	1	0.33				2	1	0.50	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0124

NPS Station ID: CHCH0124
LAT/LON: 35.000005/ -85.133337
Agency: 112WRD
Date Created: 11/07/81
Location: HM:H-10S
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 350000085080001
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 06020001027900.00
RF3 Mile Point: 2.88
Distance from RF3: 0.10
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0124

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: CHCH0125

NPS Station ID: CHCH0125
LAT/LON: 35.000005/ -85.305838
Agency: 21TNWQ
Date Created: 10/01/83
Location: CHATTANOOGA CREEK 4.7 QUAD 106NE
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM/TISSUE
STORET Station ID(s): CHATTCRIS09
RMI-Indexes: 1021500 007720 00920 6140
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 004.70
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 17.70
On/Off RF1:
RF3 Index: 06020001124402.18
RF3 Mile Point: 5.61
Distance from RF3: 0.06
On/Off RF3:
Description:
TENN DIVISION OF WATER MANAGEMENT LIBRARY FILE INDEX NO. BG0.12

Parameter Inventory for Station: CHCH0125

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/14/82-07/15/82	2	25.	25.	26.	24.	2.	1.414	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/14/82-07/15/82	2	5.25	5.25	6.	4.5	1.125	1.061	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	07/14/82-07/15/82	2	69.	69.	73.	65.	32.	5.657	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/14/82-07/15/82	2	4.8	4.8	5.8	3.8	2.	1.414	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	07/14/82-07/15/82	2 ##	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	07/14/82-07/15/82	2	5.	5.	5.	5.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/14/82-07/15/82	2	6.9	6.9	7.2	6.6	0.18	0.424	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/14/82-07/15/82	2	6.804	6.804	7.2	6.6	0.199	0.446	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/14/82-07/15/82	2	0.157	0.157	0.251	0.063	0.018	0.133	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/14/82-07/15/82	2	99.5	99.5	102.	97.	12.5	3.536	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	07/14/82-07/15/82	2	168.	168.	172.	164.	32.	5.657	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/14/82-07/15/82	2	7.	7.	9.	5.	8.	2.828	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/14/82-07/14/82	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/14/82-07/15/82	2	0.255	0.255	0.29	0.22	0.002	0.049	**	**	**	**
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	07/14/82-07/15/82	2	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/14/82-07/15/82	2	0.115	0.115	0.18	0.05	0.008	0.092	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/14/82-07/15/82	2	117.	117.	117.	117.	0.	0.	**	**	**	**
00910	CALCIUM (MG/L AS CACO3)	07/14/82-07/15/82	2	83.05	83.05	84.1	82.	2.205	1.485	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/14/82-07/15/82	2	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	07/14/82-07/15/82	2	7.8	7.8	8.	7.6	0.08	0.283	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	07/14/82-07/15/82	2	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/14/82-07/15/82	2	9.	9.	9.	9.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/14/82-07/15/82	2	33.	33.	35.	31.	8.	2.828	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/14/82-07/15/82	2	0.125	0.125	0.16	0.09	0.002	0.049	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	07/14/82-07/15/82	2	0.03	0.03	0.04	0.02	0.	0.014	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/18/81-11/18/81	1	57.	57.	57.	57.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/14/82-07/14/82	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/14/82-07/15/82	2	0.01	0.01	0.01	0.009	0.	0.001	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11/18/81-11/18/81	1	24.	24.	24.	24.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/14/82-07/15/82	2	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/14/82-07/15/82	2	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
01054	MANGANESE, SUSPENDED (UG/L AS MN)	11/18/81-11/18/81	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	07/14/82-07/15/82	2	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	07/14/82-07/15/82	2	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/18/81-11/18/81	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	07/14/82-07/15/82	2	0.008	0.008	0.009	0.007	0.	0.001	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0125

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01105	ALUMINUM, TOTAL (UG/L AS AL)	07/14/82-07/15/82	2	0.25	0.25	0.3	0.2	0.005	0.071	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/14/82-07/15/82	2	9900.	9900.	12800.	7000.	16820000.	4101.219	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/14/82-07/15/82	2	3.976	3.976	4.107	3.845	0.034	0.185	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			9465.728								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/14/82-07/15/82	2	6230.	6230.	12000.	460.	66585800.	8160.012	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/14/82-07/15/82	2	3.371	3.371	4.079	2.663	1.003	1.002	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2349.468								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/14/82-07/15/82	2	357.	357.	370.	344.	338.	18.385	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/14/82-07/15/82	2	2.552	2.552	2.568	2.537	0.001	0.022	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			356.763								
34208	ACENAPHTHENE DRY WGTBOTUG/KG	11/18/81-11/18/81	1	149000.	149000.	149000.	149000.	0.	0.	**	**	**	**
34223	ANTHRACENE DRY WGTBOTUG/KG	11/18/81-11/18/81	1	523000.	523000.	523000.	523000.	0.	0.	**	**	**	**
34237	BENZENE DRY WGTBOTUG/KG	11/18/81-11/18/81	1	144.7	144.7	144.7	144.7	0.	0.	**	**	**	**
34374	ETHYLBENZENE DRY WGTBOTUG/KG	11/18/81-11/18/81	1	50.	50.	50.	50.	0.	0.	**	**	**	**
34379	FLUORANTHENE DRY WGTBOTUG/KG	11/18/81-11/18/81	1	1850000.	1850000.	1850000.	1850000.	0.	0.	**	**	**	**
34384	FLUORENE DRY WGTBOTUG/KG	11/18/81-11/18/81	1	476000.	476000.	476000.	476000.	0.	0.	**	**	**	**
34445	NAPHTHALENE DRY WGTBOTUG/KG	11/18/81-11/18/81	1	2070000.	2070000.	2070000.	2070000.	0.	0.	**	**	**	**
34464	PHENANTHRENE DRY WGTBOTUG/KG	11/18/81-11/18/81	1	2140000.	2140000.	2140000.	2140000.	0.	0.	**	**	**	**
34472	PYRENE DRY WGTBOTUG/KG	11/18/81-11/18/81	1	1550000.	1550000.	1550000.	1550000.	0.	0.	**	**	**	**
34483	TOLUENE DRY WGTBOTUG/KG	11/18/81-11/18/81	1	421.	421.	421.	421.	0.	0.	**	**	**	**
34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	11/18/81-11/18/81	1	926000.	926000.	926000.	926000.	0.	0.	**	**	**	**
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	07/14/82-07/14/82	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0125

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00	2	0	0.00									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	1	0.50	2	1	0.50									
00400	PH	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00	2	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00									
		Drinking Water	250.	2	0	0.00	2	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00	2	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00	2	0	0.00									
01007	BARIUM, TOTAL	Drinking Water	2000.	2	0	0.00	2	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	2	0	0.00	2	0	0.00									
		Drinking Water	1300.	2	0	0.00	2	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	2	0	0.00	2	0	0.00									
		Drinking Water	15.	2	0	0.00	2	0	0.00									
01067	NICKEL, TOTAL	Fresh Acute	1400.	2	0	0.00	2	0	0.00									
		Drinking Water	100.	2	0	0.00	2	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	2	0	0.00	2	0	0.00									
		Drinking Water	5000.	2	0	0.00	2	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	2	1.00	2	2	1.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	2	2	1.00	2	2	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0126

NPS Station ID: CHCH0126
LAT/LON: 35.000281/ -85.372226
Agency: 131TVAC
Date Created: / /
Location: ABOVE L&N RR WAUHATCHIE YARDS
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475550 /2537
RMI-Indexes: 1021500 007720 00920 6124
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 459.80 003.20
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: LOOKOUT CREEK 3.20
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 24.50
On/Off RF1:
RF3 Index: 06020001010402.03
RF3 Mile Point: 2.02
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0126

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/26/69-12/02/69	11	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/26/69-12/02/69	11	17.8	16.482	25.	5.6	36.604	6.05	6.24	12.8	21.7	24.66
00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/26/69-12/02/69	11	30.	27.727	50.	5.	211.818	14.554	6.	15.	40.	48.
00080	COLOR (PLATINUM-COBALT UNITS)	02/26/69-12/02/69	11	15.	13.864	30.	2.5	92.955	9.641	2.5	2.5	25.	29.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/26/69-12/02/69	11	200.	207.273	260.	120.	2141.818	46.28	128.	170.	250.	258.
00300	OXYGEN, DISSOLVED MG/L	02/26/69-12/02/69	11	6.8	7.936	11.8	5.7	3.847	1.961	5.86	6.7	9.8	11.48
00310	BOD, 5 DAY, 20 DEG C MG/L	02/26/69-12/02/69	11	1.	1.109	2.7	0.5	0.437	0.661	0.5	0.5	1.4	2.46
00400	PH (STANDARD UNITS)	02/26/69-12/02/69	11	7.7	7.755	8.7	7.3	0.123	0.35	7.34	7.6	7.8	8.52
00400	CONVERTED PH (STANDARD UNITS)	02/26/69-12/02/69	11	7.7	7.666	8.7	7.3	0.131	0.362	7.34	7.6	7.8	8.52
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/26/69-12/02/69	11	0.02	0.022	0.05	0.002	0.	0.012	0.005	0.016	0.025	0.046
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/26/69-12/02/69	11	100.	92.364	120.	43.	683.855	26.151	47.2	65.	120.	120.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	02/26/69-12/02/69	11	0.	0.364	4.	0.	1.455	1.206	0.	0.	0.	3.2
00500	RESIDUE, TOTAL (MG/L)	02/26/69-12/02/69	11	160.	149.091	210.	30.	2529.091	50.29	44.	130.	180.	206.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	02/26/69-12/02/69	11	140.	120.909	160.	10.	2009.091	44.823	24.	90.	150.	158.
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	02/26/69-12/02/69	11	0.28	0.297	0.43	0.2	0.006	0.079	0.202	0.23	0.37	0.424
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/26/69-12/02/69	11 ##	0.005	0.015	0.05	0.005	0.	0.017	0.005	0.005	0.03	0.048
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	02/26/69-12/02/69	11	0.01	0.01	0.02	0.005	0.	0.004	0.005	0.005	0.01	0.018
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/26/69-12/02/69	11	0.18	0.2	0.34	0.08	0.006	0.078	0.09	0.16	0.29	0.33
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/26/69-12/02/69	11	0.078	0.072	0.095	0.036	0.	0.019	0.039	0.059	0.085	0.094
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	02/26/69-12/02/69	10	0.035	0.031	0.049	0.002	0.	0.016	0.003	0.015	0.043	0.049
00916	CALCIUM, TOTAL (MG/L AS CA)	02/26/69-12/02/69	10	28.5	30.1	45.	18.	67.433	8.212	18.5	24.5	36.25	44.2
00927	MAGNESIUM, TOTAL (MG/L AS MG)	02/26/69-12/02/69	10	4.75	4.5	7.5	1.5	4.222	2.055	1.6	2.5	6.25	7.45
00929	SODIUM, TOTAL (MG/L AS NA)	02/26/69-12/02/69	11	0.8	0.8	1.2	0.5	0.064	0.253	0.5	0.5	0.9	1.2
00937	POTASSIUM, TOTAL MG/L AS K)	02/26/69-12/02/69	11	1.3	1.355	2.2	0.7	0.191	0.437	0.72	1.	1.7	2.1
00940	CHLORIDE,TOTAL IN WATER MG/L	02/26/69-12/02/69	11	4.	4.	9.	3.	3.	1.732	3.	3.	4.	8.
00945	SULFATE, TOTAL (MG/L AS SO4)	02/26/69-12/02/69	11	10.	9.818	13.	6.	5.564	2.359	6.	9.	12.	13.
00951	FLUORIDE, TOTAL (MG/L AS F)	02/26/69-12/02/69	11	0.08	0.083	0.13	0.05	0.	0.02	0.054	0.07	0.09	0.122
00956	SILICA, TOTAL (MG/L AS SI02)	02/26/69-12/02/69	11	6.3	6.2	7.3	3.8	1.154	1.074	4.06	5.8	7.2	7.3
01045	IRON, TOTAL (UG/L AS FE)	02/26/69-12/02/69	11	320.	348.182	700.	160.	24696.364	157.151	168.	220.	420.	668.
01046	IRON, DISSOLVED (UG/L AS FE)	02/26/69-12/02/69	11	80.	119.091	300.	25.	10104.091	100.519	25.	50.	250.	290.
01047	IRON, FERROUS (UG/L AS FE)	02/26/69-12/02/69	11 ##	25.	31.818	100.	25.	511.364	22.613	25.	25.	25.	85.
01055	MANGANESE, TOTAL (UG/L AS MN)	02/26/69-12/02/69	11	80.	78.182	110.	40.	536.364	23.16	42.	60.	100.	110.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	02/26/69-12/02/69	10	30.	39.	90.	10.	521.111	22.828	11.	27.5	52.5	87.
01501	ALPHA, TOTAL	02/26/69-12/02/69	11 ##	0.5	0.545	1.	0.5	0.023	0.151	0.5	0.5	0.5	0.9
01503	ALPHA, DISSOLVED	02/26/69-12/02/69	11 ##	0.5	0.545	1.	0.5	0.023	0.151	0.5	0.5	0.5	0.9
03501	BETA, TOTAL	02/26/69-12/02/69	11	3.	3.636	10.	1.	6.855	2.618	1.	2.	5.	9.2
03503	BETA, DISSOLVED	02/26/69-12/02/69	11	2.	2.045	4.	0.5	1.573	1.254	0.5	0.5	3.	3.8
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	02/26/69-12/02/69	10	1335.	2826.	13100.	30.	16682404.444	4084.41	42.	262.5	3875.	12410.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0126

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	02/26/69-12/02/69	10	3.039	2.958	4.117	1.477	0.647	0.804	1.547	2.402	3.567	4.085
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			906.802								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/26/69-12/02/69	10	90.	388.	2600.	5.	630812.222	794.237	5.	16.25	370.	2392.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/26/69-12/02/69	10	1.943	1.923	3.415	0.699	0.746	0.864	0.699	1.151	2.558	3.345
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			83.757								
46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	02/26/69-12/02/69	10	91.5	94.	140.	51.	800.889	28.3	52.7	71.75	120.	138.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0126

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	11	1	0.09	5	0	0.00	3	0	0.00	3	1	0.33			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
00400	PH	Fresh Chronic	9.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
		Other-Lo Lim.	6.5	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
		Drinking Water	250.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	10	5	0.50	5	2	0.40	2	0	0.00	3	3	1.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	10	3	0.30	4	1	0.25	3	0	0.00	3	2	0.67			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0127

NPS Station ID: CHCH0127
LAT/LON: 35.000837/ -85.307504
Agency: 21TNWQ
Date Created: 10/01/83
Location: CHATTANOOGA CREEK 4.4 QUAD 105SE
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM/TISSUE
STORET Station ID(s): CHATTCRIS08
RMI-Indexes: 1021500 007720 00920 6140
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 004.40
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 16.70
On/Off RF1:
RF3 Index: 06020001124402.18
RF3 Mile Point: 5.45
Distance from RF3: 0.02
On/Off RF3:
Description:
TENN DIVISION OF WATER MANAGEMENT LIBRARY FILE INDEX NO. BG0.12

Parameter Inventory for Station: CHCH0127

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/14/82-07/15/82	2	23.5	23.5	24.	23.	0.5	0.707	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/14/82-07/15/82	2	4.85	4.85	5.	4.7	0.045	0.212	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	07/14/82-07/15/82	2	55.	55.	57.	53.	8.	2.828	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/14/82-07/15/82	2	4.7	4.7	4.8	4.6	0.02	0.141	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	07/14/82-07/15/82	2 ##	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	07/14/82-07/15/82	2	6.	6.	6.	6.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/14/82-07/15/82	2	6.7	6.7	6.8	6.6	0.02	0.141	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/14/82-07/15/82	2	6.689	6.689	6.8	6.6	0.02	0.142	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/14/82-07/15/82	2	0.205	0.205	0.251	0.158	0.004	0.066	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/14/82-07/15/82	2	102.	102.	107.	97.	50.	7.071	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	07/14/82-07/15/82	2	185.	185.	189.	181.	32.	5.657	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/14/82-07/15/82	2	5.	5.	5.	5.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/14/82-07/15/82	2	0.045	0.045	0.05	0.04	0.	0.007	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/14/82-07/15/82	2	0.24	0.24	0.3	0.18	0.007	0.085	**	**	**	**
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	07/14/82-07/15/82	2	0.5	0.5	0.7	0.3	0.08	0.283	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/14/82-07/15/82	2	0.07	0.07	0.1	0.04	0.002	0.042	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/14/82-07/15/82	2	120.	120.	121.	119.	2.	1.414	**	**	**	**
00910	CALCIUM (MG/L AS CACO3)	07/14/82-07/15/82	2	89.1	89.1	98.2	80.	165.62	12.869	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/14/82-07/15/82	2	8.25	8.25	9.	7.5	1.125	1.061	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	07/14/82-07/15/82	2	10.4	10.4	13.	7.8	13.52	3.677	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	07/14/82-07/15/82	2	1.75	1.75	1.9	1.6	0.045	0.212	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/14/82-07/15/82	2	15.	15.	20.	10.	50.	7.071	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/14/82-07/15/82	2	36.	36.	40.	32.	32.	5.657	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/14/82-07/15/82	2	0.155	0.155	0.19	0.12	0.002	0.049	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	07/14/82-07/14/82	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	07/14/82-07/15/82	2	0.03	0.03	0.04	0.02	0.	0.014	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/18/81-11/18/81	1	140.	140.	140.	140.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/14/82-07/15/82	2	0.004	0.004	0.005	0.002	0.	0.002	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/14/82-07/15/82	2	0.013	0.013	0.02	0.005	0.	0.011	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11/18/81-11/18/81	1	44.	44.	44.	44.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/14/82-07/15/82	2	1.25	1.25	2.	0.5	1.125	1.061	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/15/82-07/15/82	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
01054	MANGANESE, SUSPENDED (UG/L AS MN)	11/18/81-11/18/81	1	60.	60.	60.	60.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	07/14/82-07/15/82	2	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	07/15/82-07/15/82	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/18/81-11/18/81	1	39.	39.	39.	39.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0127

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01092	ZINC, TOTAL (UG/L AS ZN)	07/14/82-07/15/82	2	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	07/14/82-07/15/82	2	0.55	0.55	0.8	0.3	0.125	0.354	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/14/82-07/15/82	2	13800.	13800.	24000.	3600.	208080000.	14424.978	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/14/82-07/15/82	2	3.968	3.968	4.38	3.556	0.339	0.583	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			9295.16								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/14/82-07/15/82	2	1610.	1610.	2600.	620.	1960200.	1400.071	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/14/82-07/15/82	2	3.104	3.104	3.415	2.792	0.194	0.44	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1269.646								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/14/82-07/15/82	2	460.	460.	560.	360.	20000.	141.421	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/14/82-07/15/82	2	2.652	2.652	2.748	2.556	0.018	0.136	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			448.999								
34208	ACENAPHTHENE DRY WGTBOTUG/KG	11/18/81-11/18/81	1	475000.	475000.	475000.	475000.	0.	0.	**	**	**	**
34223	ANTHRACENE DRY WGTBOTUG/KG	11/18/81-11/18/81	1	590000.	590000.	590000.	590000.	0.	0.	**	**	**	**
34237	BENZENE DRY WGTBOTUG/KG	11/18/81-11/18/81	1	70.	70.	70.	70.	0.	0.	**	**	**	**
34374	ETHYLBENZENE DRY WGTBOTUG/KG	11/18/81-11/18/81	1	133.	133.	133.	133.	0.	0.	**	**	**	**
34379	FLUORANTHENE DRY WGTBOTUG/KG	11/18/81-11/18/81	1	1800000.	1800000.	1800000.	1800000.	0.	0.	**	**	**	**
34384	FLUORENE DRY WGTBOTUG/KG	11/18/81-11/18/81	1	555000.	555000.	555000.	555000.	0.	0.	**	**	**	**
34445	NAPHTHALENE DRY WGTBOTUG/KG	11/18/81-11/18/81	1	1640000.	1640000.	1640000.	1640000.	0.	0.	**	**	**	**
34464	PHENANTHRENE DRY WGTBOTUG/KG	11/18/81-11/18/81	1	2270000.	2270000.	2270000.	2270000.	0.	0.	**	**	**	**
34472	PYRENE DRY WGTBOTUG/KG	11/18/81-11/18/81	1	1110000.	1110000.	1110000.	1110000.	0.	0.	**	**	**	**
34483	TOLUENE DRY WGTBOTUG/KG	11/18/81-11/18/81	1	235.	235.	235.	235.	0.	0.	**	**	**	**
34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	11/18/81-11/18/81	1	898000.	898000.	898000.	898000.	0.	0.	**	**	**	**
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	07/14/82-07/14/82	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0127

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00	2	0	0.00									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	2	0	0.00									
00400	PH	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00	2	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00									
		Drinking Water	250.	2	0	0.00	2	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00	2	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00	2	0	0.00									
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01007	BARIUM, TOTAL	Drinking Water	2000.	2	0	0.00	2	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	2	0	0.00	2	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	2	0	0.00	2	0	0.00									
		Drinking Water	1300.	2	0	0.00	2	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	1	0	0.00	1	0	0.00									
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	2	0	0.00	2	0	0.00									
		Drinking Water	5000.	2	0	0.00	2	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	2	1.00	2	2	1.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	2	2	1.00	2	2	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0128

NPS Station ID: CHCH0128
LAT/LON: 35.001948/ -85.379449
Agency: 1113S000
Date Created: / /
Location: LOOKOUT CK L&N RR DITCH @ ENTRA
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM
STORET Station ID(s): 470246 /TR-L&N-4
RMI-Indexes: 1021500 007720 00920 6124
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 459.80 002.50
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001003
RF1 Mile Point: 4.550
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 06020001009400.00
RF3 Mile Point: 0.33
Distance from RF3: 0.05
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0128

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/06/73-03/08/73	9	14.	15.556	21.	13.	6.528	2.555	13.	14.	17.	21.
00058	FLOW, RATE GALLONS/MIN	03/06/73-03/08/73	3	13.	16.	28.	7.	117.	10.817	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	03/06/73-03/07/73	2	108.	108.	184.	32.	11552.	107.48	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	03/06/73-03/08/73	3	300.	731.667	1870.	25.	990758.333	995.368	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/06/73-03/08/73	3	7.8	7.767	7.9	7.6	0.023	0.153	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/06/73-03/08/73	3	7.8	7.748	7.9	7.6	0.024	0.154	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/06/73-03/08/73	3	0.016	0.018	0.025	0.013	0.	0.007	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	03/06/73-03/08/73	3	401.	415.333	509.	336.	7636.333	87.386	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/06/73-03/08/73	3	143.	166.	267.	88.	8407.	91.69	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/06/73-03/08/73	3	367.	354.333	374.	322.	796.333	28.219	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/06/73-03/08/73	3	27.	61.	142.	14.	4963.	70.449	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/06/73-03/08/73	3	9.	19.333	45.	4.	500.333	22.368	**	**	**	**
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	03/06/73-03/08/73	2	71.	71.	110.	32.	3042.	55.154	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/06/73-03/08/73	3	0.01	0.017	0.03	0.01	0.	0.012	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/06/73-03/08/73	3	0.32	0.273	0.4	0.1	0.024	0.155	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/06/73-03/08/73	3	0.15	0.147	0.16	0.13	0.	0.015	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/06/73-03/08/73	3	0.06	0.073	0.11	0.05	0.001	0.032	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/06/73-03/08/73	3	97.	82.667	133.	18.	3460.333	58.825	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0128

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	3	0	0.00							3	0	0.00			
		Other-Lo Lim.	6.5	3	0	0.00							3	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	0	0.00							3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0129

NPS Station ID: CHCH0129 LAT/LON: 35.002227/ -85.181115 Agency: 131TVAC Date Created: / /
Location: AT RR CROSSING NEAR ELISE CHAPIN WILDLIFE SANCT. FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 475394 /2672
RMI-Indexes: 1021500 007720 00920 6180 Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 015.30
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: TENNESSEE RIVER BASIN Elevation: 0 Water Body Id:
Minor Basin: SOUTH CHICKAMAUGA CREEK 15.3 ECO Region:
RF1 Index: 06020001 RF1 Mile Point: 0.000 Distance from RF1: 0.80 On/Off RF1:
RF3 Index: 06020001001800.00 RF3 Mile Point: 0.00 Distance from RF3: 0.05 On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0129

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/06/67-10/13/67	2	0.5	0.5	1.	0.	0.5	0.707	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/06/67-10/13/67	2	15.5	15.5	18.	13.	12.5	3.536	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/06/67-10/13/67	2	10.	10.	10.	10.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/06/67-10/13/67	2	8.35	8.35	8.6	8.1	0.125	0.354	**	**	**	**
00304	BOD, 2 DAY, 20 DEG C MG/L	09/06/67-10/13/67	2	1.45	1.45	1.8	1.1	0.245	0.495	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/06/67-10/13/67	2	2.2	2.2	3.	1.4	1.28	1.131	**	**	**	**
00400	PH (STANDARD UNITS)	09/06/67-10/13/67	2	8.	8.	8.2	7.8	0.08	0.283	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/06/67-10/13/67	2	7.955	7.955	8.2	7.8	0.084	0.29	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/06/67-10/13/67	2	0.011	0.011	0.016	0.006	0.	0.007	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	09/06/67-10/13/67	2	165.	165.	180.	150.	450.	21.213	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/06/67-10/13/67	2	140.	140.	150.	130.	200.	14.142	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/06/67-09/06/67	1	300.	300.	300.	300.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/06/67-09/06/67	1	2.477	2.477	2.477	2.477	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			300.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/06/67-10/13/67	2 ##	65.	65.	80.	50.	450.	21.213	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/06/67-10/13/67	2 ##	1.801	1.801	1.903	1.699	0.021	0.144	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			63.246								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0129

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	2	0	0.00									
00400	PH	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00	1	0	0.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0130

NPS Station ID: CHCH0130
LAT/LON: 35.002781/ -85.218893
Agency: 131TVAC
Date Created: / /
Location: SPRING CREEK ROAD BRIDGE
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475681 /2750
RMI-Indexes: 1021500 007720 00920 6180 0340 0020
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 013.20 000.90 000.69
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: SPRING CREEK 0.69
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 06020001003002.99
RF3 Mile Point: 4.18
Distance from RF3: 0.08
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0130

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/27/69-12/04/69	12	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/27/69-12/04/69	12	17.4	16.483	26.1	7.	51.503	7.177	7.36	8.525	23.8	25.95
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/27/69-12/04/69	12	17.5	20.583	45.	8.	169.174	13.007	8.3	10.	27.5	45.
00080	COLOR (PLATINUM-COBALT UNITS)	01/27/69-12/04/69	12	22.5	26.25	80.	2.5	685.795	26.188	2.5	5.	37.5	77.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/27/69-12/04/69	12	365.	387.5	620.	190.	12275.	110.793	220.	325.	470.	584.
00300	OXYGEN, DISSOLVED MG/L	01/27/69-12/04/69	12	5.05	5.617	9.9	2.6	5.845	2.418	2.75	3.325	7.65	9.39
00310	BOD, 5 DAY, 20 DEG C MG/L	01/27/69-12/04/69	12	9.	15.675	70.	3.3	383.946	19.595	3.69	4.95	14.5	60.7
00400	PH (STANDARD UNITS)	02/27/69-12/04/69	11	7.5	7.455	7.6	7.2	0.017	0.129	7.22	7.4	7.6	7.6
00400	CONVERTED PH (STANDARD UNITS)	02/27/69-12/04/69	11	7.5	7.436	7.6	7.2	0.017	0.131	7.22	7.4	7.6	7.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/27/69-12/04/69	11	0.032	0.037	0.063	0.025	0.	0.012	0.025	0.025	0.04	0.061
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/27/69-12/04/69	11	140.	135.909	170.	65.	794.091	28.18	76.	130.	160.	168.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	02/27/69-12/04/69	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/27/69-12/04/69	12	1.45	2.067	4.8	0.86	1.584	1.259	0.887	1.093	2.8	4.53
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/27/69-12/04/69	12	2.8	4.238	15.	0.2	17.364	4.167	0.395	1.25	6.8	12.72
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/27/69-12/04/69	12	0.085	0.113	0.36	0.02	0.009	0.093	0.026	0.048	0.158	0.306
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/27/69-12/04/69	12	0.91	0.981	1.6	0.45	0.135	0.368	0.492	0.685	1.35	1.57
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/27/69-12/04/69	11	2.967	3.605	10.432	0.238	8.28	2.878	0.321	0.848	5.216	9.389
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/27/69-12/04/69	10	2.771	3.113	8.15	0.163	5.707	2.389	0.218	0.913	4.564	7.791
00956	SILICA, TOTAL (MG/L AS SI02)	11/05/69-11/05/69	1	9.6	9.6	9.6	9.6	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	02/27/69-12/04/69	11	300.	84308.182	800000.	10.57032989	156.364	238815.806	14.	30.	46000.	656000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	02/27/69-12/04/69	11	2.477	2.832	5.903	1.	2.563	1.601	1.095	1.477	4.663	5.703
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			679.712								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/27/69-12/04/69	12	15.	55792.917	660000.	5.36207889	879.356	190283.709	5.	6.25	2900.	463560.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/27/69-12/04/69	12	1.151	1.992	5.82	0.699	2.649	1.628	0.699	0.774	3.351	5.188
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			98.092								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0130

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	12	0	0.00	5	0	0.00	4	0	0.00	3	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	12	5	0.42	5	4	0.80	4	0	0.00	3	1	0.33			
00400	PH	Fresh Chronic	9.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
		Other-Lo Lim.	6.5	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0130

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	12	0	0.00	5	0	0.00	4	0	0.00	3	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	12	0	0.00	5	0	0.00	4	0	0.00	3	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	11	3	0.27	5	2	0.40	3	0	0.00	3	1	0.33			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	11 &	3	0.27	4	2	0.50	4	0	0.00	3	1	0.33			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0131

NPS Station ID: CHCH0131
LAT/LON: 35.003060/ -85.378337
Agency: 1113S000
Date Created: / /
Location: LOOKOUT CK L&N RR OIL SEPAR. DIS
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM
STORET Station ID(s): 470242 /TR-L&N-2
RMI-Indexes: 1021500 007720 00920 6124
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 459.80 002.50
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001003
RF1 Mile Point: 4.300
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 06020001009400.00
RF3 Mile Point: 0.39
Distance from RF3: 0.10
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0131

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/06/73-03/08/73	9	12.	11.778	14.	10.	2.194	1.481	10.	10.5	13.	14.
00058	FLOW, RATE GALLONS/MIN	03/06/73-03/08/73	3	13.	15.	19.	13.	12.	3.464	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	03/06/73-03/08/73	3	40.	94.	218.	24.	11596.	107.685	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	03/06/73-03/08/73	3	51.	189.333	492.	25.	68874.333	262.439	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/06/73-03/08/73	3	7.5	8.4	10.8	6.9	4.41	2.1	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/06/73-03/08/73	3	7.5	7.28	10.8	6.9	6.292	2.508	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/06/73-03/08/73	3	0.032	0.053	0.126	0.	0.004	0.065	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	03/06/73-03/08/73	3	251.	439.667	823.	245.	110217.333	331.99	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/06/73-03/08/73	3	53.	109.333	227.	48.	10390.333	101.933	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/06/73-03/08/73	3	188.	322.667	594.	186.	55217.333	234.984	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/06/73-03/08/73	3	65.	115.	229.	51.	9796.	98.975	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/06/73-03/08/73	3	15.	30.667	64.	13.	834.333	28.885	**	**	**	**
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	03/06/73-03/08/73	2	39.5	39.5	61.	18.	924.5	30.406	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/06/73-03/08/73	3	0.23	0.3	0.55	0.12	0.05	0.223	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/06/73-03/08/73	3	0.45	0.69	1.45	0.17	0.453	0.673	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/06/73-03/08/73	3	0.46	0.703	1.24	0.41	0.217	0.465	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/06/73-03/08/73	3	0.53	6.733	19.5	0.17	122.273	11.058	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/06/73-03/08/73	3	23.	45.333	100.	13.	2266.333	47.606	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0131

Parameter				Total	Exceed	Prop.	6/01-10/31			11/01-2/29			3/01-5/31			n/a		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403	PH, LAB	Fresh Chronic	9.	3	1	0.33							3	1	0.33			
		Other-Lo Lim.	6.5	3	0	0.00							3	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	0	0.00							3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0132

NPS Station ID: CHCH0132
LAT/LON: 35.003337/ -85.378060
Agency: 1113S000
Date Created: / /
Location: LOOKOUT CK L&N RR STP
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/MUN/TREATD/OUTFL/STREAM
STORET Station ID(s): 470240 /TR-L&N-1
RMI-Indexes: 1021500 007720 00920 6124
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 459.80 002.50
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001003
RF1 Mile Point: 4.300
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 06020001000206.82
RF3 Mile Point: 7.57
Distance from RF3: 0.06
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0132

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/06/73-03/08/73	9	12.	12.556	14.	11.	1.028	1.014	11.	12.	13.5	14.
00058	FLOW, RATE GALLONS/MIN	03/06/73-03/08/73	3	2.7	3.3	5.4	1.8	3.51	1.873	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	03/06/73-03/08/73	3	25.	23.6	40.	5.8	293.88	17.143	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	03/06/73-03/08/73	3 ##	25.	34.	52.	25.	243.	15.588	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/06/73-03/08/73	3	6.9	6.9	7.	6.8	0.01	0.1	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/06/73-03/08/73	3	6.9	6.892	7.	6.8	0.01	0.1	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/06/73-03/08/73	3	0.126	0.128	0.158	0.1	0.001	0.029	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	03/06/73-03/08/73	3	504.	493.667	563.	414.	5630.333	75.036	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/06/73-03/08/73	3	150.	163.	207.	132.	1533.	39.154	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/06/73-03/08/73	3	487.	478.	548.	399.	5611.	74.907	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/06/73-03/08/73	3	15.	15.667	17.	15.	1.333	1.155	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/06/73-03/08/73	3	15.	12.	15.	6.	27.	5.196	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/07/73-03/08/73	2 ##	0.153	0.153	0.3	0.005	0.044	0.209	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/06/73-03/08/73	3	1.57	1.74	2.45	1.2	0.412	0.642	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/06/73-03/08/73	3	31.4	33.8	39.	31.	20.32	4.508	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/07/73-03/08/73	2	7.2	7.2	7.7	6.7	0.5	0.707	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/06/73-03/08/73	3	13.	12.333	15.	9.	9.333	3.055	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0132

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	3	0	0.00							3	0	0.00			
		Other-Lo Lim.	6.5	3	0	0.00							3	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	3	1.00							3	3	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0133

NPS Station ID: CHCH0133 LAT/LON: 35.003893/ -85.307227 Agency: 112WRD Date Created: 06/16/79
Location: CHATTANOOGA C AT 38TH STREET AT CHATTANOOGA TENN FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 03568640
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 06020001 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 06020001000600.90 RF3 Mile Point: 5.35 Distance from RF3: 0.86 On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0133

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	04/19/79-04/19/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	04/19/79-04/19/79	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	04/19/79-04/19/79	1	10000.	10000.	10000.	10000.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: CHCH0134

NPS Station ID: CHCH0134
LAT/LON: 35.003893/ -85.307504
Agency: 21TNWQ
Date Created: / /
Location: CHATTANOOGA CREEK
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 000550 /330550 /230550
RMI-Indexes: 1021500 007720 00920 6140
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 004.10
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 25.80
On/Off RF1:
RF3 Index: 06020001124700.58
RF3 Mile Point: 0.58
Distance from RF3: 0.02
On/Off RF3:
Description:
BRIDGE ON 38TH ST

Parameter Inventory for Station: CHCH0134

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/64-06/11/64	4	22.	21.75	24.	19.	6.917	2.63	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/02/64-06/11/64	4	12.	13.25	23.	6.	50.25	7.089	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	06/02/64-06/03/64	2	61.	61.	62.	60.	2.	1.414	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	06/02/64-06/11/64	4	92.5	108.75	175.	75.	2056.25	45.346	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/02/64-06/11/64	4	1.2	1.275	2.7	0.	1.249	1.118	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	06/02/64-06/11/64	4	6.8	7.45	10.4	5.8	4.757	2.181	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/02/64-06/11/64	4	7.35	7.425	7.8	7.2	0.082	0.287	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/02/64-06/11/64	4	7.325	7.362	7.8	7.2	0.088	0.296	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/02/64-06/11/64	4	0.047	0.043	0.063	0.016	0.001	0.024	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/02/64-06/11/64	4	97.	96.	100.	90.	18.667	4.32	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	06/03/64-06/03/64	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00437	ACIDITY, CO2 (PHENOLPHTHALEIN) (MG/L AS CACO3)	06/02/64-06/11/64	4	4.	4.	8.	0.	10.667	3.266	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/02/64-06/11/64	4	22.5	24.75	38.	16.	95.583	9.777	**	**	**	**
00545	RESIDUE, SETTLEABLE (ML/L)	06/02/64-06/11/64	4 ##	0.063	0.063	0.1	0.025	0.002	0.043	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/02/64-06/11/64	4	33.	32.	42.	20.	82.667	9.092	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0134

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	4	0	0.00	4	0	0.00									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	4	1.00	4	4	1.00									
00403	PH, LAB	Fresh Chronic	9.	4	0	0.00	4	0	0.00									
		Other-Lo Lim.	6.5	4	0	0.00	4	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	4	0	0.00	4	0	0.00									
		Drinking Water	250.	4	0	0.00	4	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0135

NPS Station ID: CHCH0135
LAT/LON: 35.003893/ -85.307781
Agency: 21TNWQ
Date Created: 10/01/83
Location: CHATTANOOGA CREEK 4.22 QUAD 105SE
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM/SOLIDS
STORET Station ID(s): CHATTCRIS18
RMI-Indexes: 1021500 007720 00920 6140
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 004.22
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 27.40
On/Off RF1:
RF3 Index: 06020001124700.88
RF3 Mile Point: 0.98
Distance from RF3: 0.03
On/Off RF3:
Description:
TENN DIVISION OF WATER MANAGEMENT LIBRARY FILE INDEX NO. BG0.12

Parameter Inventory for Station: CHCH0135

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/18/81-11/18/81	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11/18/81-11/18/81	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/18/81-11/18/81	1	19.	19.	19.	19.	0.	0.	**	**	**	**
34208	ACENAPHTHENE DRY WGTBOTUG/KG	11/18/81-11/18/81	1	13000.	13000.	13000.	13000.	0.	0.	**	**	**	**
34223	ANTHRACENE DRY WGTBOTUG/KG	11/18/81-11/18/81	1	100000.	100000.	100000.	100000.	0.	0.	**	**	**	**
34379	FLUORANTHENE DRY WGTBOTUG/KG	11/18/81-11/18/81	1	69000.	69000.	69000.	69000.	0.	0.	**	**	**	**
34384	FLUORENE DRY WGTBOTUG/KG	11/18/81-11/18/81	1	94000.	94000.	94000.	94000.	0.	0.	**	**	**	**
34472	PYRENE DRY WGTBOTUG/KG	11/18/81-11/18/81	1	21000.	21000.	21000.	21000.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: CHCH0136

NPS Station ID: CHCH0136
LAT/LON: 35.004170/ -85.305838
Agency: 21TNWQ
Date Created: 10/01/83
Location: CHATTANOOGA CREEK 4.1 QUAD 105SE
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM/TISSUE
STORET Station ID(s): CHATTCRIS07
RMI-Indexes: 1021500 007720 00920 6140
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 004.10
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 17.00
On/Off RF1:
RF3 Index: 06020001124402.18
RF3 Mile Point: 10.44
Distance from RF3: 0.02
On/Off RF3:
Description:
TENN DIVISION OF WATER MANAGEMENT LIBRARY FILE INDEX NO. BG0.12

Parameter Inventory for Station: CHCH0136

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/14/82-07/15/82	2	24.5	24.5	25.	24.	0.5	0.707	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/14/82-07/15/82	2	7.85	7.85	8.5	7.2	0.845	0.919	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	07/14/82-07/15/82	2	74.5	74.5	92.	57.	612.5	24.749	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/14/82-07/15/82	2	6.3	6.3	6.5	6.1	0.08	0.283	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	07/14/82-07/15/82	2	1.	1.	1.	1.	0.	0.	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	07/14/82-07/15/82	2	9.	9.	11.	7.	8.	2.828	**	**	**	**
00400	PH (STANDARD UNITS)	07/14/82-07/15/82	2	7.	7.	7.	7.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/14/82-07/15/82	2	7.	7.	7.	7.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/14/82-07/15/82	2	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/14/82-07/15/82	2	102.5	102.5	105.	100.	12.5	3.536	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	07/14/82-07/15/82	2	181.	181.	190.	172.	162.	12.728	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/14/82-07/15/82	2	22.	22.	36.	8.	392.	19.799	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/14/82-07/14/82	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/14/82-07/15/82	2	0.24	0.24	0.25	0.23	0.	0.014	**	**	**	**
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	07/14/82-07/15/82	2	0.6	0.6	0.7	0.5	0.02	0.141	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/14/82-07/15/82	2	0.05	0.05	0.06	0.04	0.	0.014	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/14/82-07/15/82	2	115.	115.	117.	113.	8.	2.828	**	**	**	**
00910	CALCIUM (MG/L AS CACO3)	07/14/82-07/15/82	2	77.95	77.95	88.2	67.7	210.125	14.496	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/14/82-07/15/82	2	8.	8.	8.9	7.1	1.62	1.273	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	07/14/82-07/15/82	2	10.4	10.4	13.	7.8	13.52	3.677	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	07/14/82-07/15/82	2	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/14/82-07/15/82	2	13.	13.	17.	9.	32.	5.657	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/14/82-07/15/82	2	34.5	34.5	39.	30.	40.5	6.364	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/14/82-07/15/82	2	0.145	0.145	0.18	0.11	0.002	0.049	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	07/14/82-07/15/82	2	0.04	0.04	0.05	0.03	0.	0.014	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/16/81-11/18/81	2	61.	61.	70.	52.	162.	12.728	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/14/82-07/15/82	2	0.002	0.002	0.002	0.001	0.	0.001	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/14/82-07/15/82	2	0.009	0.009	0.01	0.008	0.	0.001	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11/16/81-11/18/81	2	33.5	33.5	34.	33.	0.5	0.707	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/14/82-07/15/82	2	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/15/82-07/15/82	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
01054	MANGANESE, SUSPENDED (UG/L AS MN)	11/18/81-11/18/81	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	07/14/82-07/15/82	2	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	07/15/82-07/15/82	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/16/81-11/18/81	2	30.5	30.5	40.	21.	180.5	13.435	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	07/14/82-07/15/82	2	0.014	0.014	0.02	0.008	0.	0.008	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0136

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01105	ALUMINUM, TOTAL (UG/L AS AL)	07/14/82-07/15/82	2	0.5	0.5	0.8	0.2	0.18	0.424	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/14/82-07/15/82	2	7300.	7300.	10400.	4200.	19220000.	4384.062	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/14/82-07/15/82	2	3.82	3.82	4.017	3.623	0.078	0.278	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			6609.085								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/14/82-07/15/82	2	748.	748.	1140.	356.	307328.	554.372	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/14/82-07/15/82	2	2.804	2.804	3.057	2.551	0.128	0.357	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			637.056								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/14/82-07/15/82	2	308.	308.	352.	264.	3872.	62.225	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/14/82-07/15/82	2	2.484	2.484	2.547	2.422	0.008	0.088	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			304.841								
34208	ACENAPHTHENE DRY WGTBOTUG/KG	11/16/81-11/18/81	2	605500.	605500.	1200000.	11000.706860500000.		840749.963	**	**	**	**
34223	ANTHRACENE DRY WGTBOTUG/KG	11/16/81-11/18/81	2	554000.	554000.	722000.	386000.56448000000.		237587.878	**	**	**	**
34237	BENZENE DRY WGTBOTUG/KG	11/16/81-11/16/81	1	36.	36.	36.	36.	0.	0.	**	**	**	**
34374	ETHYLBENZENE DRY WGTBOTUG/KG	11/16/81-11/16/81	1	1.	1.	1.	1.	0.	0.	**	**	**	**
34379	FLUORANTHENE DRY WGTBOTUG/KG	11/16/81-11/18/81	2	3214550.	3214550.	6370000.	59100.**********		4462480.185	**	**	**	**
34384	FLUORENE DRY WGTBOTUG/KG	11/16/81-11/18/81	2	548000.	548000.	715000.	381000.55778000000.		236173.665	**	**	**	**
34445	NAPHTHALENE DRY WGTBOTUG/KG	11/16/81-11/16/81	1	2160000.	2160000.	2160000.	2160000.	0.	0.	**	**	**	**
34464	PHENANTHRENE DRY WGTBOTUG/KG	11/16/81-11/16/81	1	10100000.	10100000.	10100000.	10100000.	0.	0.	**	**	**	**
34472	PYRENE DRY WGTBOTUG/KG	11/16/81-11/18/81	2	2173000.	2173000.	4270000.	76000.**********		2965605.84	**	**	**	**
34483	TOLUENE DRY WGTBOTUG/KG	11/16/81-11/16/81	1	43.	43.	43.	43.	0.	0.	**	**	**	**
34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	11/16/81-11/16/81	1	1440000.	1440000.	1440000.	1440000.	0.	0.	**	**	**	**
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	07/14/82-07/14/82	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	07/14/82-07/14/82	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0136

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00	2	0	0.00									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	2	0	0.00									
00400	PH	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00	2	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00									
		Drinking Water	250.	2	0	0.00	2	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00	2	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00	2	0	0.00									
01007	BARIUM, TOTAL	Drinking Water	2000.	2	0	0.00	2	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	2	0	0.00	2	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	2	0	0.00	2	0	0.00									
		Drinking Water	1300.	2	0	0.00	2	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	1	0	0.00	1	0	0.00									
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	2	0	0.00	2	0	0.00									
		Drinking Water	5000.	2	0	0.00	2	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	2	1.00	2	2	1.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	2	2	1.00	2	2	1.00									
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0137

NPS Station ID: CHCH0137
LAT/LON: 35.004170/ -85.307227
Agency: 131TVAC
Date Created: 10/04/80
Location: EAST 38TH. STREET BRIDGE
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM/SOLIDS
STORET Station ID(s): 476285
RMI-Indexes: 1021500 007720 00920 6140
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 004.15
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: CHATTANOOGA CREEK 4.15
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 06020001124800.00
RF3 Mile Point: 0.00
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0137

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/10/80-09/10/80	2	1.	1.	1.	1.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/10/80-09/10/80	1	25.5	25.5	25.5	25.5	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/10/80-09/10/80	1	380.	380.	380.	380.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/10/80-09/10/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/10/80-09/10/80	1	5.7	5.7	5.7	5.7	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/10/80-09/10/80	1	5.7	5.7	5.7	5.7	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/10/80-09/10/80	1	1.995	1.995	1.995	1.995	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/10/80-09/10/80	1	95.	95.	95.	95.	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	09/10/80-09/10/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	09/10/80-09/10/80	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	09/10/80-09/10/80	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	09/11/80-09/11/80	2	2.2	2.2	2.4	2.	0.08	0.283	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	09/10/80-09/10/80	2 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	09/11/80-09/11/80	2	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	09/10/80-09/10/80	2 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/11/80-09/11/80	2 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/11/80-09/11/80	2	30.5	30.5	37.	24.	84.5	9.192	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/10/80-09/10/80	2 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/10/80-09/10/80	2 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/11/80-09/11/80	2	7.8	7.8	8.2	7.4	0.32	0.566	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/10/80-09/10/80	2 ##	250.	250.	250.	250.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/11/80-09/11/80	2	13.	13.	16.	10.	18.	4.243	**	**	**	**
01059	THALLIUM, TOTAL (UG/L AS TL)	09/10/80-09/10/80	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	09/10/80-09/10/80	2 ##	75.	75.	75.	75.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/11/80-09/11/80	2	10.5	10.5	11.	10.	0.5	0.707	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	09/10/80-09/10/80	2 ##	30.	30.	30.	30.	0.	0.	**	**	**	**
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	09/11/80-09/11/80	2 ##	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/10/80-09/10/80	2	23.5	23.5	24.	23.	0.5	0.707	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	09/11/80-09/11/80	2	41.5	41.5	46.	37.	40.5	6.364	**	**	**	**
01097	ANTIMONY, TOTAL (UG/L AS SB)	09/10/80-09/10/80	2 ##	250.	250.	250.	250.	0.	0.	**	**	**	**
01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	09/11/80-09/11/80	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	09/10/80-09/10/80	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	09/11/80-09/11/80	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
32104	BROMOFORM,WHOLE WATER,UG/L	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
32106	CHLOROFORM,WHOLE WATER,UG/L	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0137

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34200	ACENAPHTHYLENE TOTWUG/L	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	09/11/80-09/11/80	2 ##	750.	750.	1400.	100.	845000.	919.239	**	**	**	**
34205	ACENAPHTHENE TOTWUG/L	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34208	ACENAPHTHENE DRY WGTBOTUG/KG	09/11/80-09/11/80	2 ##	2050.	2050.	4000.	100.	7605000.	2757.716	**	**	**	**
34210	ACROLEIN TOTWUG/L	09/10/80-09/10/80	2 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
34213	ACROLEIN DRY WGTBOTUG/KG	09/11/80-09/11/80	2 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
34215	ACRYLONITRILE TOTWUG/L	09/10/80-09/10/80	2 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
34218	ACRYLONITRILE DRY WGTBOTUG/KG	09/11/80-09/11/80	2 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
34220	ANTHRACENE TOTWUG/L	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34223	ANTHRACENE DRY WGTBOTUG/KG	09/11/80-09/11/80	2 ##	6300.	6300.	12500.	100.	76880000.	8768.124	**	**	**	**
34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	2	5450.	5450.	10600.	300.	53045000.	7283.2	**	**	**	**
34237	BENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	09/11/80-09/11/80	2	5450.	5450.	10600.	300.	53045000.	7283.2	**	**	**	**
34247	BENZO-A-PYRENE TOTWUG/L	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	09/11/80-09/11/80	2	4335.	4335.	8400.	270.	33048450.	5748.778	**	**	**	**
34257	B-BHC-BETA DRY WGTBOTUG/KG	09/11/80-09/11/80	2 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34262	DELTA BENZENE HEXACHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	2 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34268	BIS (CHLOROMETHYL) ETHER TOTWUG/L	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34271	BIS (CHLOROMETHYL) ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	2 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	2 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	2 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34290	BROMOFORM DRY WGTBOTUG/KG	09/11/80-09/11/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34295	N-BUTYL BENZYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	2 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34299	CARBON TETRACHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34301	CHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34304	CHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34309	CHLORODIBROMOMETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34311	CHLOROETHANE TOTWUG/L	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34314	CHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34318	CHLOROFORM DRY WGTBOTUG/KG	09/11/80-09/11/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34320	CHRYSENE TOTWUG/L	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34323	CHRYSENE DRY WGTBOTUG/KG	09/11/80-09/11/80	2 ##	2300.	2300.	4500.	100.	9680000.	3111.27	**	**	**	**
34330	DICHLOROBROMOMETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34334	DICHLORODIFLUOROMETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34336	DIETHYL PHTHALATE TOTWUG/L	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	09/11/80-09/11/80	2 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34341	DIMETHYL PHTHALATE TOTWUG/L	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	09/11/80-09/11/80	2 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34346	1,2-DIPHENYLHYDRAZINE TOTWUG/L	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34349	1,2-DIPHENYLHYDRAZINE DRY WGTBOTUG/KG	09/11/80-09/11/80	2 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34351	ENDOSULFAN SULFATE TOTWUG/L	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	09/11/80-09/11/80	2 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34356	ENDOSULFAN, BETA TOTWUG/L	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	09/11/80-09/11/80	2 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34361	ENDOSULFAN, ALPHA TOTWUG/L	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	09/11/80-09/11/80	2 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34366	ENDRIN ALDEHYDE TOTWUG/L	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	09/11/80-09/11/80	2 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34374	ETHYLBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34376	FLUORANTHENE TOTWUG/L	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34379	FLUORANTHENE DRY WGTBOTUG/KG	09/11/80-09/11/80	2	7600.	7600.	15000.	200.	109520000.	10465.18	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0137

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34381	FLUORENE TOTWUG/L	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34384	FLUORENE DRY WGTBOTUG/KG	09/11/80-09/11/80	2 ##	2550.	2550.	5000.	100.	12005000.	3464.823	**	**	**	**
34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	09/11/80-09/11/80	2 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34391	HEXACHLOROBUTADIENE TOTWUG/L	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34396	HEXACHLOROETHANE TOTWUG/L	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	2 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	09/10/80-09/10/80	2 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	09/11/80-09/11/80	2 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34408	ISOPHORONE TOTWUG/L	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34411	ISOPHORONE DRY WGTBOTUG/KG	09/11/80-09/11/80	2 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34413	METHYL BROMIDE TOTWUG/L	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34416	METHYL BROMIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34418	METHYL CHLORIDE TOTWUG/L	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34421	METHYL CHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34423	METHYLENE CHLORIDE TOTWUG/L	09/10/80-09/10/80	2	60.5	60.5	83.	38.	1012.5	31.82	**	**	**	**
34426	METHYLENE CHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	2	14.5	14.5	15.	14.	0.5	0.707	**	**	**	**
34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	09/11/80-09/11/80	2 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34433	N-NITROSODIPHENYLAMINE TOTWUG/L	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	09/11/80-09/11/80	2 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34438	N-NITROSODIMETHYLAMINE TOTWUG/L	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34441	N-NITROSODIMETHYLAMINE DRY WGTBOTUG/KG	09/11/80-09/11/80	2 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34445	NAPHTHALENE DRY WGTBOTUG/KG	09/11/80-09/11/80	2 ##	3150.	3150.	6200.	100.	18605000.	4313.351	**	**	**	**
34447	NITROBENZENE TOTWUG/L	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34450	NITROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	2 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34452	PARACHLOROMETA CRESOL TOTWUG/L	09/10/80-09/10/80	2 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34455	PARACHLOROMETA CRESOL DRY WGTBOTUG/KG	09/11/80-09/11/80	2 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34461	PHENANTHRENE TOTWUG/L	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34464	PHENANTHRENE DRY WGTBOTUG/KG	09/11/80-09/11/80	2 ##	6300.	6300.	12500.	100.	76880000.	8768.124	**	**	**	**
34469	PYRENE TOTWUG/L	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34472	PYRENE DRY WGTBOTUG/KG	09/11/80-09/11/80	2 ##	6050.	6050.	12000.	100.	70805000.	8414.571	**	**	**	**
34475	TETRACHLOROETHYLENE TOTWUG/L	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34478	TETRACHLOROETHYLENE DRY WGTBOTUG/KG	09/11/80-09/11/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34480	THALLIUM DRY WGTBOTMG/KG	09/11/80-09/11/80	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34483	TOLUENE DRY WGTBOTUG/KG	09/11/80-09/11/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34487	TRICHLOROETHYLENE DRY WGTBOTUG/KG	09/11/80-09/11/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34491	TRICHLOROFLUOROMETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34495	VINYL CHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34496	1,1-DICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34499	1,1-DICHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34501	1,1-DICHLOROETHYLENE TOTWUG/L	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34504	1,1-DICHLOROETHYLENE DRY WGTBOTUG/KG	09/11/80-09/11/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34509	1,1,1-TRICHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34514	1,1,2-TRICHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34519	1,1,2,2-TETRACHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	09/10/80-09/10/80	2 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	09/11/80-09/11/80	2 ##	1800.	1800.	3500.	100.	5780000.	2404.163	**	**	**	**
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	09/11/80-09/11/80	2 ##	2300.	2300.	4500.	100.	9680000.	3111.27	**	**	**	**
34531	1,2-DICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34534	1,2-DICHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34536	1,2-DICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	2 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34541	1,2-DICHLOROPROPANE TOTWUG/L	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34544	1,2-DICHLOROPROPANE DRY WGTBOTUG/KG	09/11/80-09/11/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34549	TRANS-1,2-DICHLOROETHENE, IN SED. DRY WT. UG/KG	09/11/80-09/11/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0137

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	2 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	09/10/80-09/10/80	2 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	09/11/80-09/11/80	2 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34564	1,3-DICHLOROPROPENE DRY WGTBOTUG/KG	09/11/80-09/11/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34566	1,3-DICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	2 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34571	1,4-DICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	2 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34579	2-CHLOROETHYL VINYL ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34581	2-CHLORONAPHTHALENE TOTWUG/L	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	09/11/80-09/11/80	2 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34586	2-CHLOROPHENOL TOTWUG/L	09/10/80-09/10/80	2 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34589	2-CHLOROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	2 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34591	2-NITROPHENOL TOTWUG/L	09/10/80-09/10/80	2 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34594	2-NITROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	2 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34596	DI-N-OCTYL PHTHALATE TOTWUG/L	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	09/11/80-09/11/80	2 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34601	2,4-DICHLOROPHENOL TOTWUG/L	09/10/80-09/10/80	2 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34604	2,4-DICHLOROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	2 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34606	2,4-DIMETHYLPHENOL TOTWUG/L	09/10/80-09/10/80	2 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	2 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34611	2,4-DINITROTOLUENE TOTWUG/L	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34614	2,4-DINITROTOLUENE DRY WGTBOTUG/KG	09/11/80-09/11/80	2 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34616	2,4-DINITROPHENOL TOTWUG/L	09/10/80-09/10/80	2 ##	125.	125.	125.	125.	0.	0.	**	**	**	**
34619	2,4-DINITROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	2 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	09/10/80-09/10/80	2 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34624	2,4,6-TRICHLOROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	2 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34626	2,6-DINITROTOLUENE TOTWUG/L	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34629	2,6-DINITROTOLUENE DRY WGTBOTUG/KG	09/11/80-09/11/80	2 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34634	3,3'-DICHLOROBENZIDINE DRY WGTBOTUG/KG	09/11/80-09/11/80	2 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34639	4-BROMOPHENYL PHENYL ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	2 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34644	4-CHLOROPHENYL PHENYL ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	2 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34646	4-NITROPHENOL TOTWUG/L	09/10/80-09/10/80	2 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34649	4-NITROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	2 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	09/10/80-09/10/80	2 ##	125.	125.	125.	125.	0.	0.	**	**	**	**
34660	DNOC (4,6-DINITRO-ORTHO-CRESOL) DRY WGTBOTUG/KG	09/11/80-09/11/80	2 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34668	DICHLORODIFUOROMETHANE TOTWUG/L	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34671	PCB - 1016 TOTWUG/L	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	09/10/80-09/10/80	2 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34695	PHENOL(C6H5OH)-SINGLE COMPOUND DRY WGTTUG/KG	09/11/80-09/11/80	2 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34696	NAPHTHALENE TOTWUG/L	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	2 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	09/11/80-09/11/80	2 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	09/11/80-09/11/80	2 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	09/11/80-09/11/80	2 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	2 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39121	BENZIDINE IN BOTTOM DEPOS UG/KG DRY SOLIDS	09/11/80-09/11/80	2 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/11/80-09/11/80	2 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/11/80-09/11/80	2 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/11/80-09/11/80	2 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0137

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/11/80-09/11/80	2 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	2 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	2 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/11/80-09/11/80	2 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/11/80-09/11/80	2 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/11/80-09/11/80	2 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	09/11/80-09/11/80	2 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	09/11/80-09/11/80	2 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	09/11/80-09/11/80	2 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	09/11/80-09/11/80	2 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	09/11/80-09/11/80	2 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/11/80-09/11/80	2 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/11/80-09/11/80	2 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/11/80-09/11/80	2 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	09/11/80-09/11/80	2 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	09/11/80-09/11/80	2 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	09/11/80-09/11/80	2 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	09/10/80-09/10/80	2	0.45	0.45	0.5	0.4	0.005	0.071	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/11/80-09/11/80	2	0.455	0.455	0.9	0.01	0.396	0.629	**	**	**	**
77161	1,2-DICHLOROPROPENE WHOLE WATER,UG/L	09/10/80-09/10/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0137

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	1	1.00	1	1	1.00									
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00720	CYANIDE, TOTAL	Fresh Acute	0.022	2	0	0.00	2	0	0.00									
		Drinking Water	0.2	2	0	0.00	2	0	0.00									
01002	ARSENIC, TOTAL	Fresh Acute	360.	2	0	0.00	2	0	0.00									
		Drinking Water	50.	2	0	0.00	2	0	0.00									
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	2	0	0.00	2	0	0.00									
		Drinking Water	4.	0 &	0	0.00												
01027	CADMIUM, TOTAL	Fresh Acute	3.9	0 &	0	0.00												
		Drinking Water	5.	0 &	0	0.00												
01034	CHROMIUM, TOTAL	Drinking Water	100.	2	0	0.00	2	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	0 &	0	0.00												
		Drinking Water	1300.	2	0	0.00	2	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	0 &	0	0.00												
		Drinking Water	15.	0 &	0	0.00												
01059	THALLIUM, TOTAL	Fresh Acute	1400.	2	0	0.00	2	0	0.00									
		Drinking Water	2.	0 &	0	0.00												

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0137

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01067	NICKEL, TOTAL	Fresh Acute	1400.	2	0	0.00	2	0	0.00									
		Drinking Water	100.	2	0	0.00	2	0	0.00									
01077	SILVER, TOTAL	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	100.	2	0	0.00	2	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	2	0	0.00	2	0	0.00									
		Drinking Water	5000.	2	0	0.00	2	0	0.00									
01097	ANTIMONY, TOTAL	Fresh Acute	88.	0 &	0	0.00												
		Drinking Water	6.	0 &	0	0.00												
01147	SELENIUM, TOTAL	Fresh Acute	20.	0 &	0	0.00												
		Drinking Water	50.	2	0	0.00	2	0	0.00									
32101	BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	2	0	0.00	2	0	0.00									
32102	CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	2	0	0.00	2	0	0.00									
		Drinking Water	5.	0 &	0	0.00												
32104	BROMOFORM, WHOLE WATER	Drinking Water	100.	2	0	0.00	2	0	0.00									
32105	DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	2	0	0.00	2	0	0.00									
32106	CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	2	0	0.00	2	0	0.00									
		Drinking Water	100.	2	0	0.00	2	0	0.00									
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	2	0	0.00	2	0	0.00									
		Drinking Water	1000.	2	0	0.00	2	0	0.00									
34205	ACENAPHTHENE, TOTAL	Fresh Acute	1700.	2	0	0.00	2	0	0.00									
34210	ACROLEIN, TOTAL	Fresh Acute	68.	2	0	0.00	2	0	0.00									
34215	ACRYLONITRILE, TOTAL	Fresh Acute	7550.	2	0	0.00	2	0	0.00									
34301	CHLOROBENZENE, TOTAL	Drinking Water	100.	2	0	0.00	2	0	0.00									
34346	1,2-DIPHENYLHYDRAZINE, TOTAL	Fresh Acute	270.	2	0	0.00	2	0	0.00									
34356	ENDOSULFAN, BETA, TOTAL	Fresh Acute	0.22	0 &	0	0.00												
34361	ENDOSULFAN, ALPHA, TOTAL	Fresh Acute	0.22	0 &	0	0.00												
34371	ETHYLBENZENE, TOTAL	Fresh Acute	32000.	2	0	0.00	2	0	0.00									
		Drinking Water	700.	2	0	0.00	2	0	0.00									
34376	FLUORANTHENE, TOTAL	Fresh Acute	3980.	2	0	0.00	2	0	0.00									
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL	Fresh Acute	7.	2	0	0.00	2	0	0.00									
		Drinking Water	50.	2	0	0.00	2	0	0.00									
34391	HEXACHLOROBUTADIENE, TOTAL	Fresh Acute	90.	2	0	0.00	2	0	0.00									
34396	HEXACHLOROETHANE, TOTAL	Fresh Acute	980.	2	0	0.00	2	0	0.00									
34403	INDENO (1,2,3-CD) PYRENE, TOTAL	Drinking Water	0.4	0 &	0	0.00												
34408	ISOPHORONE, TOTAL	Fresh Acute	117000.	2	0	0.00	2	0	0.00									
34423	METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	2	2	1.00	2	2	1.00									
34447	NITROBENZENE, TOTAL	Fresh Acute	27000.	2	0	0.00	2	0	0.00									
34452	PARACHLOROMETA CRESOL, TOTAL	Fresh Acute	30.	2	0	0.00	2	0	0.00									
34461	PHENANTHRENE, TOTAL	Fresh Acute	30.	2	0	0.00	2	0	0.00									
34475	TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	2	0	0.00	2	0	0.00									
		Drinking Water	5.	0 &	0	0.00												
34501	1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	2	0	0.00	2	0	0.00									
34506	1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	2	0	0.00	2	0	0.00									
34511	1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	0 &	0	0.00												
34531	1,2-DICHLOROETHANE, TOTAL	Fresh Acute	118000.	2	0	0.00	2	0	0.00									
		Drinking Water	5.	0 &	0	0.00												
34536	1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	2	0	0.00	2	0	0.00									
34541	1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	0 &	0	0.00												
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	2	0	0.00	2	0	0.00									
34551	1,2,4-TRICHLOROBENZENE, TOTAL	Drinking Water	70.	2	0	0.00	2	0	0.00									
34566	1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	2	0	0.00	2	0	0.00									
34571	1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	2	0	0.00	2	0	0.00									
34586	2-CHLOROPHENOL, TOTAL	Fresh Acute	4380.	2	0	0.00	2	0	0.00									
34601	2,4-DICHLOROPHENOL, TOTAL	Fresh Acute	2020.	2	0	0.00	2	0	0.00									
34606	2,4-DIMETHYLPHENOL, TOTAL	Fresh Acute	2120.	2	0	0.00	2	0	0.00									
34611	2,4-DINITROTOLUENE, TOTAL	Fresh Acute	330.	2	0	0.00	2	0	0.00									
34694	PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	Fresh Acute	10200.	2	0	0.00	2	0	0.00									
34696	NAPHTHALENE, TOTAL	Fresh Acute	2300.	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0137

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	2	0	0.00	2	0	0.00									
		Drinking Water	1.	0 &	0	0.00												
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	Fresh Acute	2000.	2	0	0.00	2	0	0.00									
		Drinking Water	6.	2	0	0.00	2	0	0.00									
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	0 &	0	0.00												
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	2	0	0.00	2	0	0.00									
		Drinking Water	5.	0 &	0	0.00												
39300	P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	0 &	0	0.00												
39310	P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	0 &	0	0.00												
39320	P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	2	0	0.00	2	0	0.00									
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	0 &	0	0.00												
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	0 &	0	0.00												
		Drinking Water	0.2	0 &	0	0.00												
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	0 &	0	0.00												
		Drinking Water	2.	0 &	0	0.00												
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	0 &	0	0.00												
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	0 &	0	0.00												
		Drinking Water	2.	0 &	0	0.00												
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	0 &	0	0.00												
		Drinking Water	3.	0 &	0	0.00												
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	0 &	0	0.00												
		Drinking Water	0.4	0 &	0	0.00												
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	0 &	0	0.00												
		Drinking Water	0.2	0 &	0	0.00												
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	2	0	0.00	2	0	0.00									
		Drinking Water	1.	0 &	0	0.00												
71900	MERCURY, TOTAL	Fresh Acute	2.4	2	0	0.00	2	0	0.00									
		Drinking Water	2.	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0138

NPS Station ID: CHCH0138
Location: CHATT CK AT 38TH STREET BRIDGE
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes: 1021500 007720 00920 6140
RMI-Miles: 0953.80 0046.50 460.60 004.00
HUC: 06020001
Major Basin: SOUTHEAST
Minor Basin: TENNESSEE RIVER BASIN
RF1 Index: 06020001
RF3 Index: 06020001124402.18
Description:

LAT/LON: 35.004170/ -85.307504
Depth of Water: 0
Elevation: 0
RF1 Mile Point: 0.000
RF3 Mile Point: 3.63

Agency: 1113S000
FIPS State/County: 47065 TENNESSEE/HAMILTON
STORET Station ID(s): 470218 /TR-C-4.3
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 15.30
Distance from RF3: 0.01

Date Created: / /
On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: CHCH0138

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/27/73-03/07/73	7	1.	1.	1.	1.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/27/73-03/07/73	7	11.	11.429	13.5	9.5	2.952	1.718	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	02/27/73-03/07/73	7	76.	141.857	334.	61.	10823.143	104.034	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/27/73-03/07/73	7	21.	29.714	84.	12.	636.905	25.237	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/27/73-03/07/73	7	297.	293.429	442.	175.	10424.286	102.099	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	02/27/73-03/07/73	7	8.3	8.4	8.7	8.1	0.057	0.238	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	02/27/73-03/07/73	7	5.7	5.643	8.2	2.1	3.946	1.987	**	**	**	**
00400	PH (STANDARD UNITS)	02/27/73-03/07/73	6	7.15	7.083	7.3	6.7	0.046	0.214	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/27/73-03/07/73	6	7.147	7.034	7.3	6.7	0.049	0.221	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/27/73-03/07/73	6	0.071	0.093	0.2	0.05	0.003	0.055	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	02/27/73-03/07/73	7	7.4	7.429	7.5	7.3	0.006	0.076	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	02/27/73-03/07/73	7	7.4	7.423	7.5	7.3	0.006	0.076	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/27/73-03/07/73	7	0.04	0.038	0.05	0.032	0.	0.007	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/27/73-03/07/73	7	67.	64.429	74.	55.	51.952	7.208	**	**	**	**
00435	ACIDITY, TOTAL (MG/L AS CACO3)	02/27/73-03/07/73	7	3.	2.714	4.	1.	1.238	1.113	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/27/73-03/07/73	7	4.41	4.467	7.3	2.12	3.579	1.892	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/27/73-03/07/73	7	4.25	4.73	8.	2.55	3.697	1.923	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/27/73-03/07/73	7	0.29	0.284	0.31	0.26	0.	0.021	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/27/73-03/07/73	7	0.17	0.194	0.4	0.07	0.013	0.115	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/27/73-03/07/73	7	4.	4.571	7.	3.	1.619	1.272	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/27/73-03/07/73	7	13000.	20414.286	70000.	7000.	493701428.571	22219.393	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/27/73-03/07/73	7	4.114	4.172	4.845	3.845	0.11	0.332	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			14859.635								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/27/73-03/07/73	7	1300.	2261.429	4900.	700.	3533214.286	1879.685	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/27/73-03/07/73	7	3.114	3.225	3.69	2.845	0.13	0.36	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1677.102								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0138

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	7	1	0.14				2	0	0.00	5	1	0.20			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	7	0	0.00				2	0	0.00	5	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0138

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	6	0	0.00				2	0	0.00	4	0	0.00			
		Other-Lo Lim.	6.5	6	0	0.00				2	0	0.00	4	0	0.00			
00403	PH, LAB	Fresh Chronic	9.	7	0	0.00				2	0	0.00	5	0	0.00			
		Other-Lo Lim.	6.5	7	0	0.00				2	0	0.00	5	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	7	0	0.00				2	0	0.00	5	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	7	7	1.00				2	2	1.00	5	5	1.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	7	7	1.00				2	2	1.00	5	5	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0139

NPS Station ID: CHCH0139
Location:
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes: 1021500 007720 00920 6180 0340
RMI-Miles: 0953.80 0046.50 468.20 013.20 000.01
HUC: 06020001
Major Basin: TENNESSEE RIVER BASIN
Minor Basin: WEST CHICKAMAUGA CREEK 0.01
RF1 Index: 06020001007
RF3 Index: 06020001000709.05
Description:

LAT/LON: 35.004448/ -85.199726

Depth of Water: 0
Elevation: 0

RF1 Mile Point: 10.670
RF3 Mile Point: 9.05

Agency: 131TVAC
FIPS State/County: 47065 TENNESSEE/HAMILTON
STORET Station ID(s): 475741 /2705
Within Park Boundary: No

Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.00

Date Created: / /

On/Off RF1: ON
On/Off RF3:

Parameter Inventory for Station: CHCH0139

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: CHCH0140

NPS Station ID: CHCH0140
LAT/LON: 35.004448/ -85.376392
Agency: 1113S000
Date Created: / /
Location: LOOKOUT CK L&N HOLDING PD OVRFLW
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM
STORET Station ID(s): 470244 /TR-L&N-3
RMI-Indexes: 1021500 007720 00920 6124
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 459.80 002.50
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001003
RF1 Mile Point: 4.200
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 06020001009400.00
RF3 Mile Point: 0.39
Distance from RF3: 0.13
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0140

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/06/73-03/08/73	9	16.	14.	16.	11.	5.75	2.398	11.	11.5	16.	16.
00058	FLOW, RATE GALLONS/MIN	03/07/73-03/08/73	2	41.5	41.5	57.	26.	480.5	21.92	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	03/06/73-03/08/73	3	14.	13.867	21.	6.6	51.853	7.201	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	03/06/73-03/08/73	3	68.	69.	76.	63.	43.	6.557	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/06/73-03/08/73	3	7.6	7.667	7.8	7.6	0.013	0.115	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/06/73-03/08/73	3	7.6	7.657	7.8	7.6	0.013	0.116	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/06/73-03/08/73	3	0.025	0.022	0.025	0.016	0.	0.005	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	03/06/73-03/08/73	3	240.	252.667	288.	230.	961.333	31.005	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/06/73-03/08/73	3	64.	70.333	86.	61.	186.333	13.65	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/06/73-03/08/73	3	206.	202.333	219.	182.	352.333	18.771	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/06/73-03/08/73	3	48.	50.333	69.	34.	310.333	17.616	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/06/73-03/08/73	3	10.	10.333	12.	9.	2.333	1.528	**	**	**	**
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	03/06/73-03/08/73	3	7.	14.	30.	5.	193.	13.892	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/06/73-03/08/73	3 ##	0.005	0.007	0.01	0.005	0.	0.003	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/06/73-03/08/73	3	0.52	0.557	0.7	0.45	0.017	0.129	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/06/73-03/08/73	3	0.09	0.13	0.26	0.04	0.013	0.115	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/06/73-03/08/73	3	0.12	0.127	0.16	0.1	0.001	0.031	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/06/73-03/08/73	3	18.	19.667	25.	16.	22.333	4.726	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0140

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	3	0	0.00							3	0	0.00			
		Other-Lo Lim.	6.5	3	0	0.00							3	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	0	0.00							3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0141

NPS Station ID: CHCH0141 | LAT/LON: 35.005809/ -85.125392 | Agency: 11NPSWRD | Date Created: 04/03/99
Location: TNHM512R | FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): CHCH_NURE_07 /4084869
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 06020001 | Depth of Water: 0 | Aquifer:
Major Basin: TENNESSEE RIVER | Elevation: 0 | Water Body Id:
Minor Basin: TENNESSEE R-MAIN STEM & MINOR TRIBS | ECO Region:
RF1 Index: 06020001 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 06020001011302.01 | RF3 Mile Point: 3.41 | Distance from RF3: 0.11 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE EAST CHATTANOOGA TENNESSEE 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THIS SITE IS AT A SPRING AND IS LOCATED OUTSIDE OF THE CHICKAMAUGA AND CHATTANOOGA NATIONAL MILITARY PARK BOUNDARIES. EACH SAMPLE WAS FILTERED THROUGH A LESS THAN OR EQUAL TO 0.8 UM FILTER AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATABASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K.D. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATABASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUNDWATER DATA. THE "UNIQID" ENTRY WAS USED TO CREATE THE SECONARY STATION NAME. THE "SRLID" (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) ENTRY WAS USED TO CREATE THE LOCATION. SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY RONDA BURNS; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FT. COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: CHCH0141

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/21/78-09/21/78	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/21/78-09/21/78	1	190.	190.	190.	190.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	09/21/78-09/21/78	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	09/21/78-09/21/78	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/21/78-09/21/78	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/21/78-09/21/78	1	115.	115.	115.	115.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/21/78-09/21/78	1	4.7	4.7	4.7	4.7	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/21/78-09/21/78	1	2.16	2.16	2.16	2.16	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/21/78-09/21/78	1	111.	111.	111.	111.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	09/21/78-09/21/78	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/21/78-09/21/78	1	157.	157.	157.	157.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/21/78-09/21/78	1	0.129	0.129	0.129	0.129	0.	0.	**	**	**	**
50700	FLUORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	09/21/78-09/21/78	1	89.	89.	89.	89.	0.	0.	**	**	**	**
50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	09/21/78-09/21/78	1	2600.	2600.	2600.	2600.	0.	0.	**	**	**	**
50761	BROMINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	09/21/78-09/21/78	1	35.	35.	35.	35.	0.	0.	**	**	**	**
82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	09/21/78-09/21/78	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0141

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0142

NPS Station ID: CHCH0142
LAT/LON: 35.005837/ -85.303615
Agency: 21TNWQ
Date Created: 10/01/83
Location: CHATTANOOGA CREEK 3.8 QUAD 105SE
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM/TISSUE
STORET Station ID(s): CHATTCRIS06
RMI-Indexes: 1021500 007720 00920 6140
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 003.80
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 13.90
On/Off RF1:
RF3 Index: 06020001124402.18
RF3 Mile Point: 2.66
Distance from RF3: 0.00
On/Off RF3:
Description:
TENN DIVISION OF WATER MANAGEMENT LIBRARY FILE INDEX NO. BG0.12

Parameter Inventory for Station: CHCH0142

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/30/81-06/30/81	1	641.	641.	641.	641.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/14/82-07/15/82	2	24.5	24.5	25.	24.	0.5	0.707	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/14/82-07/15/82	2	14.	14.	19.	9.	50.	7.071	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	07/14/82-07/15/82	2	131.5	131.5	206.	57.	11100.5	105.359	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/14/82-07/15/82	2	5.5	5.5	6.1	4.9	0.72	0.849	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	07/14/82-07/15/82	2	1.	1.	1.	1.	0.	0.	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	07/14/82-07/15/82	2	10.5	10.5	15.	6.	40.5	6.364	**	**	**	**
00400	PH (STANDARD UNITS)	07/14/82-07/15/82	2	7.	7.	7.2	6.8	0.08	0.283	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/14/82-07/15/82	2	6.955	6.955	7.2	6.8	0.084	0.29	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/14/82-07/15/82	2	0.111	0.111	0.158	0.063	0.005	0.067	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/14/82-07/15/82	2	110.	110.	110.	110.	0.	0.	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	07/14/82-07/15/82	2	183.	183.	194.	172.	242.	15.556	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/14/82-07/15/82	2	33.5	33.5	54.	13.	840.5	28.991	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/14/82-07/15/82	2	0.95	0.95	1.8	0.1	1.445	1.202	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/14/82-07/15/82	2	0.23	0.23	0.27	0.19	0.003	0.057	**	**	**	**
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	07/14/82-07/15/82	2	0.75	0.75	0.9	0.6	0.045	0.212	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/14/82-07/15/82	2	0.105	0.105	0.12	0.09	0.	0.021	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/14/82-07/15/82	2	120.	120.	123.	117.	18.	4.243	**	**	**	**
00910	CALCIUM (MG/L AS CACO3)	07/14/82-07/15/82	2	70.75	70.75	86.1	55.4	471.245	21.708	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/14/82-07/15/82	2	8.3	8.3	9.4	7.2	2.42	1.556	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	07/14/82-07/15/82	2	7.15	7.15	11.5	2.8	37.845	6.152	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	07/14/82-07/15/82	2	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/14/82-07/15/82	2	12.5	12.5	17.	8.	40.5	6.364	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/14/82-07/15/82	2	32.	32.	35.	29.	18.	4.243	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/14/82-07/15/82	2	0.135	0.135	0.16	0.11	0.001	0.035	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	07/14/82-07/15/82	2	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	07/14/82-07/15/82	2	0.04	0.04	0.05	0.03	0.	0.014	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	07/15/82-07/15/82	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/16/81-11/16/81	1	186.	186.	186.	186.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/14/82-07/15/82	2	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/14/82-07/15/82	2	0.014	0.014	0.02	0.007	0.	0.009	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11/16/81-11/16/81	1	45.	45.	45.	45.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/14/82-07/15/82	2	2.	2.	2.	2.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/15/82-07/15/82	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	07/14/82-07/15/82	2	0.35	0.35	0.4	0.3	0.005	0.071	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	07/15/82-07/15/82	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0142

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/16/81-11/16/81	1	55.	55.	55.	55.	0.	0.	**	**	**	**
01069	NICKEL, TOTAL IN FISH OR ANIMALS-WET WEIGHT MG/KG	06/30/81-06/30/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	07/14/82-07/15/82	2	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	07/14/82-07/15/82	2	0.95	0.95	1.	0.9	0.005	0.071	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/14/82-07/15/82	2	4700.	4700.	5400.	4000.	980000.	989.949	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/14/82-07/15/82	2	3.667	3.667	3.732	3.602	0.008	0.092	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4647.58								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/14/82-07/15/82	2	290.	290.	320.	260.	1800.	42.426	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/14/82-07/15/82	2	2.46	2.46	2.505	2.415	0.004	0.064	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			288.444								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/14/82-07/15/82	2	680.	680.	1000.	360.	204800.	452.548	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/14/82-07/15/82	2	2.778	2.778	3.	2.556	0.098	0.314	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			600.								
34208	ACENAPHTHENE DRY WGTBOTUG/KG	11/16/81-11/16/81	1	19000.	19000.	19000.	19000.	0.	0.	**	**	**	**
34223	ANTHRACENE DRY WGTBOTUG/KG	11/16/81-11/16/81	1	420000.	420000.	420000.	420000.	0.	0.	**	**	**	**
34237	BENZENE DRY WGTBOTUG/KG	11/16/81-11/16/81	1	145.	145.	145.	145.	0.	0.	**	**	**	**
34252	BERYLLIUM WET WGTTISMG/KG	06/30/81-06/30/81	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
34374	ETHYLBENZENE DRY WGTBOTUG/KG	11/16/81-11/16/81	1	145.	145.	145.	145.	0.	0.	**	**	**	**
34379	FLUORANTHENE DRY WGTBOTUG/KG	11/16/81-11/16/81	1	1050000.	1050000.	1050000.	1050000.	0.	0.	**	**	**	**
34384	FLUORENE DRY WGTBOTUG/KG	11/16/81-11/16/81	1	376000.	376000.	376000.	376000.	0.	0.	**	**	**	**
34464	PHENANTHRENE DRY WGTBOTUG/KG	11/16/81-11/16/81	1	892000.	892000.	892000.	892000.	0.	0.	**	**	**	**
34472	PYRENE DRY WGTBOTUG/KG	11/16/81-11/16/81	1	773000.	773000.	773000.	773000.	0.	0.	**	**	**	**
34483	TOLUENE DRY WGTBOTUG/KG	11/16/81-11/16/81	1	201.	201.	201.	201.	0.	0.	**	**	**	**
34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	11/16/81-11/16/81	1	872000.	872000.	872000.	872000.	0.	0.	**	**	**	**
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	07/14/82-07/14/82	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
39404	DIELDRIN IN TISSUE WET WGT (UG/G)	06/30/81-06/30/81	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
39515	PCBS (MG/KG) FISH TISSUE MG/KG	06/30/81-06/30/81	1	0.112	0.112	0.112	0.112	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	07/14/82-07/14/82	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	06/30/81-06/30/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	06/30/81-06/30/81	1	0.61	0.61	0.61	0.61	0.	0.	**	**	**	**
71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	06/30/81-06/30/81	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	06/30/81-06/30/81	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	06/30/81-06/30/81	1	2.	2.	2.	2.	0.	0.	**	**	**	**
81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	06/30/81-06/30/81	1	2.	2.	2.	2.	0.	0.	**	**	**	**
81742	SILVER IN FISH TISSUE WET WEIGHT (MG/KG)PPM	06/30/81-06/30/81	1	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0142

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00	2	0	0.00									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	2	0	0.00									
00400	PH	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00	2	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00									
		Drinking Water	250.	2	0	0.00	2	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00	2	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00	2	0	0.00									
01002	ARSENIC, TOTAL	Fresh Acute	360.	2	0	0.00	2	0	0.00									
		Drinking Water	50.	2	0	0.00	2	0	0.00									
01007	BARIUM, TOTAL	Drinking Water	2000.	2	0	0.00	2	0	0.00									
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	2	0	0.00	2	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	2	0	0.00	2	0	0.00									
		Drinking Water	1300.	2	0	0.00	2	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0142

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	2	0	0.00	2	0	0.00									
		Drinking Water	5000.	2	0	0.00	2	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	2	1.00	2	2	1.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	2	2	1.00	2	2	1.00									
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0143

NPS Station ID: CHCH0143
LAT/LON: 35.008059/ -85.302503
Agency: 21TNWQ
Date Created: 10/01/83
Location: CHATTANOOGA CREEK 3.63 QUAD 105SE
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM/SOLIDS
STORET Station ID(s): CHATTCRIS19
RMI-Indexes: 1021500 007720 00920 6140
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 003.63
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 06020001124402.18
RF3 Mile Point: 5.50
Distance from RF3: 0.11
On/Off RF3:
Description:
TENN DIVISION OF WATER MANAGEMENT LIBRARY FILE INDEX NO. BG0.12

Parameter Inventory for Station: CHCH0143

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/18/81-11/18/81	1	140.	140.	140.	140.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11/18/81-11/18/81	1	62.	62.	62.	62.	0.	0.	**	**	**	**
01054	MANGANESE, SUSPENDED (UG/L AS MN)	11/18/81-11/18/81	1	31.	31.	31.	31.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/18/81-11/18/81	1	46.	46.	46.	46.	0.	0.	**	**	**	**
34208	ACENAPHTHENE DRY WGTBOTUG/KG	11/18/81-11/18/81	1	38100.	38100.	38100.	38100.	0.	0.	**	**	**	**
34223	ANTHRACENE DRY WGTBOTUG/KG	11/18/81-11/18/81	1	127000.	127000.	127000.	127000.	0.	0.	**	**	**	**
34379	FLUORANTHENE DRY WGTBOTUG/KG	11/18/81-11/18/81	1	572000.	572000.	572000.	572000.	0.	0.	**	**	**	**
34384	FLUORENE DRY WGTBOTUG/KG	11/18/81-11/18/81	1	1290000.	1290000.	1290000.	1290000.	0.	0.	**	**	**	**
34464	PHENANTHRENE DRY WGTBOTUG/KG	11/18/81-11/18/81	1	633000.	633000.	633000.	633000.	0.	0.	**	**	**	**
34472	PYRENE DRY WGTBOTUG/KG	11/18/81-11/18/81	1	542000.	542000.	542000.	542000.	0.	0.	**	**	**	**
34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	11/18/81-11/18/81	1	422000.	422000.	422000.	422000.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: CHCH0144

NPS Station ID: CHCH0144
LAT/LON: 35.010837/ -85.303337
Agency: 1113S000
Date Created: / /
Location: CHATT CK AT CLIFTON HILLS SUBDIV
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 470216 /TR-C-3.6
RMI-Indexes: 1021500 007720 00920 6140
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 003.40
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 13.00
On/Off RF1:
RF3 Index: 06020001124402.18
RF3 Mile Point: 2.31
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0144

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/27/73-03/07/73	7	1.	1.	1.	1.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/27/73-03/07/73	7	11.5	11.643	14.	9.5	4.06	2.015	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/27/73-03/07/73	7	16.	31.	105.	11.	1116.667	33.417	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/27/73-03/07/73	7	287.	262.571	395.	175.	7128.952	84.433	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	02/27/73-03/07/73	7	7.9	7.8	8.2	7.3	0.097	0.311	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	02/27/73-03/07/73	7	4.6	4.557	6.2	2.1	1.716	1.31	**	**	**	**
00400	PH (STANDARD UNITS)	02/27/73-03/07/73	7	7.1	7.071	7.3	6.9	0.02	0.141	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/27/73-03/07/73	7	7.1	7.052	7.3	6.9	0.02	0.143	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/27/73-03/07/73	7	0.079	0.089	0.126	0.05	0.001	0.028	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	02/27/73-03/07/73	7	7.4	7.414	7.6	7.1	0.025	0.157	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	02/27/73-03/07/73	7	7.4	7.387	7.6	7.1	0.026	0.16	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/27/73-03/07/73	7	0.04	0.041	0.079	0.025	0.	0.018	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/27/73-03/07/73	7	71.	66.	82.	53.	133.	11.533	**	**	**	**
00435	ACIDITY, TOTAL (MG/L AS CACO3)	02/27/73-03/07/73	7	3.	2.857	4.	2.	0.476	0.69	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/27/73-03/07/73	7	2.86	3.166	5.5	1.	2.204	1.485	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/27/73-03/07/73	7	3.	3.747	6.3	1.17	3.103	1.762	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/27/73-03/07/73	7	0.28	0.279	0.31	0.23	0.001	0.029	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/27/73-03/07/73	7	0.14	0.171	0.4	0.08	0.013	0.113	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/27/73-03/07/73	7	4.	5.429	11.	3.	7.619	2.76	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/27/73-03/07/73	7	24000.	23571.429	49000.	3100.	273789047.619	16546.572	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/27/73-03/07/73	7	4.38	4.234	4.69	3.491	0.181	0.425	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			17127.858								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/27/73-03/07/73	7	2300.	4012.857	13000.	790.	18772157.143	4332.685	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/27/73-03/07/73	7	3.362	3.405	4.114	2.898	0.198	0.445	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2542.207								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	02/27/73-03/07/73	7	69.	140.429	375.	26.	25117.952	158.486	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0144

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	7	1	0.14				2	0	0.00	5	1	0.20			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	7	0	0.00				2	0	0.00	5	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0144

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	7	0	0.00				2	0	0.00	5	0	0.00			
		Other-Lo Lim.	6.5	7	0	0.00				2	0	0.00	5	0	0.00			
00403	PH, LAB	Fresh Chronic	9.	7	0	0.00				2	0	0.00	5	0	0.00			
		Other-Lo Lim.	6.5	7	0	0.00				2	0	0.00	5	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	7	0	0.00				2	0	0.00	5	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	7	7	1.00				2	2	1.00	5	5	1.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	7	7	1.00				2	2	1.00	5	5	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0145

NPS Station ID: CHCH0145
LAT/LON: 35.011116/ -85.307504
Agency: 21TNWQ
Date Created: / /
Location: CHATTANOOGA CREEK
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 000560 /330560 /230560
RMI-Indexes: 1021500 007720 00920 6140
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 003.50
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 16.20
On/Off RF1:
RF3 Index: 06020001124402.18
RF3 Mile Point: 5.50
Distance from RF3: 0.09
On/Off RF3:
Description:
UPSTREAM OF CONFLUENCE OF DOBBS BRANCH

Parameter Inventory for Station: CHCH0145

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/25/65-05/27/65	3	24.	24.333	25.	24.	0.333	0.577	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/25/65-05/27/65	3	0.3	0.233	0.4	0.	0.043	0.208	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	05/25/65-05/27/65	3	10.4	12.533	18.	9.2	22.773	4.772	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0145

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	3	3	1.00							3	3	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0146

NPS Station ID: CHCH0146
LAT/LON: 35.011670/ -85.329170
Agency: 1113S000
Date Created: / /
Location: CHATT CK AT CHATTUM DRUG CO. EFF
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM
STORET Station ID(s): 470250 /TR-CH-1
RMI-Indexes: 1021500 007720 00920 6140
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 000.25
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001003
RF1 Mile Point: 0.540
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 06020001131200.00
RF3 Mile Point: 0.00
Distance from RF3: 0.04
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0146

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/28/73-03/01/73	2	21.	21.	21.	21.	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	02/27/73-03/01/73	3	500.	500.	500.	500.	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	02/27/73-03/01/73	3	198.	182.667	200.	150.	801.333	28.308	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	02/27/73-03/01/73	3	336.	389.667	555.	278.	21342.333	146.09	**	**	**	**
00400	PH (STANDARD UNITS)	02/28/73-03/02/73	3	6.7	6.867	7.2	6.7	0.083	0.289	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/28/73-03/02/73	3	6.7	6.812	7.2	6.7	0.088	0.296	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/28/73-03/02/73	3	0.2	0.154	0.2	0.063	0.006	0.079	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	02/27/73-03/01/73	3	6.9	6.867	7.1	6.6	0.063	0.252	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	02/27/73-03/01/73	3	6.9	6.818	7.1	6.6	0.067	0.259	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/27/73-03/01/73	3	0.126	0.152	0.251	0.079	0.008	0.089	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	02/28/73-03/01/73	2	821.5	821.5	896.	747.	11100.5	105.359	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	02/28/73-03/01/73	2	409.	409.	505.	313.	18432.	135.765	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	02/28/73-03/01/73	2	812.	812.	879.	745.	8978.	94.752	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/28/73-03/01/73	2	9.5	9.5	17.	2.	112.5	10.607	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/28/73-03/01/73	2	8.5	8.5	15.	2.	84.5	9.192	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/27/73-03/01/73	3	93.	101.333	143.	68.	1458.333	38.188	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/27/73-03/01/73	3	114.	127.167	185.	82.5	2756.583	52.503	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/27/73-03/01/73	3	1.3	1.343	1.46	1.27	0.01	0.102	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/27/73-03/01/73	3	0.03	0.057	0.13	0.01	0.004	0.064	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/27/73-03/01/73	3	135.	158.333	240.	100.	5308.333	72.858	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0146

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	3	0	0.00				1	0	0.00	2	0	0.00			
		Other-Lo Lim.	6.5	3	0	0.00				1	0	0.00	2	0	0.00			
00403	PH, LAB	Fresh Chronic	9.	3	0	0.00				2	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	3	0	0.00				2	0	0.00	1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	0	0.00				2	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0147

NPS Station ID: CHCH0147 LAT/LON: 35.011670/ -85.364449 Agency: 21TNWQ Date Created: 01/06/96
Location: LOOKOUT CK 2.2/CHATTANOOGA NATURE CEN/QUAD105SE FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): LOOKOUT2.2
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: TENNESSEE RIVER Elevation: 0 Water Body Id:
Minor Basin: TENNESSEE RIVER-MAIN STEM & MINOR TRIBS ECO Region:
RF1 Index: 06020001 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 06020001011302.01 RF3 Mile Point: 3.41 Distance from RF3: 0.11 On/Off RF3:
Description:
CHATTANOOGA ENVIRONMENTAL FIELD OFFICE MONITORING STATION. STATION LOCATED NEAR LOOKOUT CREEK MILE 2.2 WHICH FLOWS INTO TENNESSEE RIVER MILE 459.9. STATION SETUP TO GATHER DATA ON THIS LOCALLY VERY POPULAR STREAM THAT IS UNDER INCREASING THREAT FROM WATERSHED DEVELOPMENT IN BOTH TENNESSEE AND GEORGIA. SAMPLES COLLECTED FROM THE CHATTANOOGA NATURE CENTER BOARDWALK AREA. SAMPLES COLLECTED QUARTERLY.

Parameter Inventory for Station: CHCH0147

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/10/95-02/23/98	5	10.	12.28	23.5	8.2	39.947	6.32	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/10/95-02/23/98	6	169.5	182.833	281.	141.	2446.567	49.463	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/10/95-02/23/98	5	8.4	8.18	10.4	5.7	2.962	1.721	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	02/03/97-02/23/98	2 ##	17.45	17.45	32.4	2.5	447.005	21.142	**	**	**	**
00400	PH (STANDARD UNITS)	07/10/95-02/23/98	5	7.64	7.708	8.21	7.28	0.119	0.345	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/10/95-02/23/98	5	7.64	7.609	8.21	7.28	0.131	0.362	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/10/95-02/23/98	5	0.023	0.025	0.052	0.006	0.	0.018	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/10/95-02/23/98	6	4.5	5.833	13.	2.	16.567	4.07	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/03/97-02/23/98	2 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/03/97-02/23/98	2	0.265	0.265	0.27	0.26	0.	0.007	**	**	**	**
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	02/03/97-02/23/98	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/03/97-02/23/98	2	0.021	0.021	0.022	0.02	0.	0.001	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/10/95-02/23/98	5	100.	105.6	147.	87.	564.3	23.755	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	07/10/95-02/23/98	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	07/10/95-02/23/98	6 ##	0.75	0.917	2.	0.5	0.342	0.585	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/10/95-02/23/98	6 ##	2.5	1.917	3.	0.5	1.242	1.114	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/10/95-02/23/98	6 ##	2.5	3.25	8.	1.	5.875	2.424	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/10/95-02/23/98	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	07/10/95-02/23/98	6 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	07/10/95-02/23/98	6	7.5	9.167	22.	2.	46.567	6.824	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/10/95-02/23/98	6	275.	348.667	1090.	24.	148413.867	385.245	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/10/95-02/23/98	6	2.433	2.288	3.037	1.38	0.33	0.575	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			194.177								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/10/95-02/23/98	6	155.	527.333	2500.	24.	939418.667	969.236	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/10/95-02/23/98	6	2.171	2.247	3.398	1.38	0.439	0.663	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			176.624								
71900	MERCURY, TOTAL (UG/L AS HG)	02/03/97-02/23/98	2 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0147

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	5	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00			
00400	PH	Fresh Chronic	9.	5	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	5	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00				2	0	0.00						
01002	ARSENIC, TOTAL	Fresh Acute	360.	6	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00			
		Drinking Water	50.	6	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	6	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00			
		Drinking Water	5.	6	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	6	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	6	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00			
		Drinking Water	1300.	6	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	6	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00			
		Drinking Water	15.	6	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00			
01067	NICKEL, TOTAL	Fresh Acute	1400.	6	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00			
		Drinking Water	100.	6	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	6	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00			
		Drinking Water	5000.	6	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	6	4	0.67	2	1	0.50	3	2	0.67	1	1	1.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	2	0	0.00				2	0	0.00						
		Drinking Water	2.	2	0	0.00				2	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0148

NPS Station ID: CHCH0148
LAT/LON: 35.012782/ -85.305281
Agency: 21TNWQ
Date Created: 10/01/83
Location: CHATTANOOGA CREEK 3.24 QUAD 105SE
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM/SOLIDS
STORET Station ID(s): CHATTCRIS20
RMI-Indexes: 1021500 007720 00920 6140
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 003.24
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 16.70
On/Off RF1:
RF3 Index: 06020001124402.18
RF3 Mile Point: 7.34
Distance from RF3: 0.00
On/Off RF3:
Description:
TENN DIVISION OF WATER MANAGEMENT LIBRARY FILE INDEX NO. BG0.12

Parameter Inventory for Station: CHCH0148

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/16/81-11/16/81	1	130.	130.	130.	130.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11/16/81-11/16/81	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01054	MANGANESE, SUSPENDED (UG/L AS MN)	11/16/81-11/16/81	1	29.	29.	29.	29.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/16/81-11/16/81	1	29.	29.	29.	29.	0.	0.	**	**	**	**
34208	ACENAPHTHENE DRY WGTBOTUG/KG	11/16/81-11/16/81	1	38000.	38000.	38000.	38000.	0.	0.	**	**	**	**
34223	ANTHRACENE DRY WGTBOTUG/KG	11/16/81-11/16/81	1	397000.	397000.	397000.	397000.	0.	0.	**	**	**	**
34379	FLUORANTHENE DRY WGTBOTUG/KG	11/16/81-11/16/81	1	857000.	857000.	857000.	857000.	0.	0.	**	**	**	**
34384	FLUORENE DRY WGTBOTUG/KG	11/16/81-11/16/81	1	393000.	393000.	393000.	393000.	0.	0.	**	**	**	**
34464	PHENANTHRENE DRY WGTBOTUG/KG	11/16/81-11/16/81	1	243000.	243000.	243000.	243000.	0.	0.	**	**	**	**
34472	PYRENE DRY WGTBOTUG/KG	11/16/81-11/16/81	1	601000.	601000.	601000.	601000.	0.	0.	**	**	**	**
34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	11/16/81-11/16/81	1	460000.	460000.	460000.	460000.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: CHCH0149

NPS Station ID: CHCH0149 LAT/LON: 35.013892/ -85.207503 Agency: 112WRD Date Created: / /
Location: SOUTH CHICKAMAUGA CREEK NEAR CHICKAMAUGA, TN FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 03567500
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 06020001 RF1 Mile Point: 0.000 Distance from RF1: 7.60 On/Off RF1:
RF3 Index: 06020001044200.00 RF3 Mile Point: 0.84 Distance from RF3: 0.03 On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0149

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/57-01/08/92	90	14.	14.291	27.	2.5	42.111	6.489	6.05	8.5	21.	23.
00060	FLOW, STREAM, MEAN DAILY CFS	09/18/57-05/25/65	5	510.	567.6	1050.	230.	102228.8	319.732	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/25/65-01/08/92	88	422.5	1944.739	19000.	2.	10755811.437	3279.605	147.	217.	2087.5	5396.
00065	STAGE, STREAM (FEET)	09/18/57-12/11/57	2	2.895	2.895	3.66	2.13	1.17	1.082	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	03/03/58-05/25/65	3	3.	3.667	7.	1.	9.333	3.055	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/03/58-01/08/92	67	190.	204.493	520.	60.	8143.375	90.241	98.	137.	260.	296.
00400	PH (STANDARD UNITS)	03/03/58-05/25/65	3	7.3	7.5	7.9	7.3	0.12	0.346	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/03/58-05/25/65	3	7.3	7.425	7.9	7.3	0.129	0.358	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/03/58-05/25/65	3	0.05	0.038	0.05	0.013	0.	0.022	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	05/25/65-05/25/65	1	2.9	2.9	2.9	2.9	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/03/58-05/25/65	3	110.	104.333	119.	84.	330.333	18.175	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	03/03/58-05/25/65	3	134.	127.333	145.	103.	474.333	21.779	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	03/03/58-05/25/65	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/25/65-05/25/65	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	05/25/65-05/25/65	1	0.53	0.53	0.53	0.53	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/03/58-05/25/65	3	111.	106.	117.	90.	201.	14.177	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/03/58-05/25/65	3	1.	2.	5.	0.	7.	2.646	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/03/58-05/25/65	3	32.	31.333	34.	28.	9.333	3.055	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/03/58-05/25/65	3	7.5	6.667	7.8	4.7	2.923	1.71	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/03/58-05/25/65	3	5.2	4.267	5.7	1.9	4.263	2.065	**	**	**	**
00931	SODIUM ADSORPTION RATIO	03/03/58-05/25/65	3	0.2	0.167	0.2	0.1	0.003	0.058	**	**	**	**
00932	SODIUM, PERCENT	03/03/58-05/25/65	3	9.	7.333	9.	4.	8.333	2.887	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/03/58-05/25/65	3	0.9	0.9	1.	0.8	0.01	0.1	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/03/58-05/25/65	3	3.	3.	4.	2.	1.	1.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	03/03/58-05/25/65	3	7.	7.333	9.	6.	2.333	1.528	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/03/58-05/25/65	3	0.2	0.167	0.2	0.1	0.003	0.058	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/03/58-05/25/65	3	5.7	5.733	6.	5.5	0.063	0.252	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	03/03/58-05/25/65	4	15.	22.5	50.	10.	358.333	18.93	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/25/65-05/25/65	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	05/25/65-05/25/65	1	100.	100.	100.	100.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	05/25/65-05/25/65	1	100.	100.	100.	100.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/03/58-05/25/65	3	127.	122.	143.	96.	571.	23.896	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/25/65-05/25/65	1	140.	140.	140.	140.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	03/03/58-05/25/65	3	123.	130.267	179.	88.8	2073.613	45.537	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	03/03/58-05/25/65	3	0.17	0.163	0.19	0.13	0.001	0.031	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	03/03/58-05/25/65	3	0.2	0.4	0.9	0.1	0.19	0.436	**	**	**	**
71885	IRON (UG/L AS FE)	05/23/58-05/23/58	1	50.	50.	50.	50.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0149

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	3	0	0.00							3	0	0.00			
		Other-Lo Lim.	6.5	3	0	0.00							3	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00							1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	0	0.00							3	0	0.00			
		Drinking Water	250.	3	0	0.00							3	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	3	0	0.00							3	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	3	0	0.00							3	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	3	0	0.00							3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1957 - Station CHCH0149

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/57-01/08/92	2	13.5	13.5	21.	6.	112.5	10.607	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1965 - Station CHCH0149

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/57-01/08/92	1	21.7	21.7	21.7	21.7	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/25/65-01/08/92	1	230.	230.	230.	230.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station CHCH0149

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/57-01/08/92	2	11.75	11.75	14.5	9.	15.125	3.889	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/25/65-01/08/92	2	456.5	456.5	612.	301.	48360.5	219.91	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station CHCH0149

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/57-01/08/92	8	11.5	12.75	22.	6.5	37.5	6.124	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/25/65-01/08/92	8	265.5	999.5	3870.	2.	1786866.857	1336.737	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station CHCH0149

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/57-01/08/92	7	17.	15.857	26.	2.5	59.226	7.696	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/25/65-01/08/92	7	490.	1624.286	6080.	145.	4630891.571	2151.951	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station CHCH0149

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/57-01/08/92	13	22.	18.615	23.	5.	39.756	6.305	5.8	15.	23.	23.
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/25/65-01/08/92	13	245.	430.231	1850.	136.	245176.692	495.153	140.8	155.	437.5	1538.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station CHCH0149

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/57-01/08/92	5	12.	11.7	13.	9.5	2.2	1.483	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/25/65-01/08/92	5	9570.	9354.8	19000.	234.	44872785.2	6698.715	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station CHCH0149

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/57-01/08/92	12	13.75	12.458	24.	3.5	53.657	7.325	3.65	4.	16.75	23.7
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/25/65-01/08/92	12	464.5	969.167	2880.	99.	1124508.879	1060.429	105.9	136.	1815.	2856.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station CHCH0149

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/57-01/08/92	13	8.5	8.115	9.	4.5	1.34	1.157	5.9	8.	8.75	9.
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/25/65-01/08/92	13	4480.	5512.769	11800.	596.	12038433.026	3469.645	1217.6	3690.	7910.	11560.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station CHCH0149

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/57-01/08/92	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/25/65-01/08/92	1	173.	173.	173.	173.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station CHCH0149

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/57-01/08/92	8	15.25	15.813	24.	9.	32.496	5.7	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/25/65-01/08/92	8	355.5	628.75	2360.	180.	545611.929	738.655	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station CHCH0149

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/57-01/08/92	9	18.5	18.111	23.5	4.5	34.736	5.894	4.5	16.5	23.25	23.5
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/25/65-01/08/92	9	330.	498.667	1190.	147.	165037.	406.247	147.	210.	870.5	1190.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station CHCH0149

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/57-01/08/92	2	15.5	15.5	18.	13.	12.5	3.536	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/25/65-01/08/92	2	289.5	289.5	353.	226.	8064.5	89.803	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station CHCH0149

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/57-01/08/92	6	18.25	18.	27.	10.5	34.3	5.857	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/25/65-01/08/92	6	349.	600.833	1380.	128.	323906.567	569.128	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station CHCH0149

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/57-01/08/92	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/25/65-01/08/92	1	1090.	1090.	1090.	1090.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 6/01 to 10/31 - Station CHCH0149

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/57-01/08/92	29	22.	21.207	27.	12.5	10.634	3.261	17.	18.	23.	24.
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/25/65-01/08/92	28	197.	283.821	2450.	99.	184364.152	429.376	135.	148.25	249.	313.4
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/03/58-01/08/92	20	275.	281.25	520.	170.	8881.25	94.24	182.	216.25	290.	502.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 2/29 - Station CHCH0149

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/57-01/08/92	37	8.5	8.284	17.	2.5	10.549	3.248	4.	6.25	9.	13.1
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/25/65-01/08/92	36	1585.	2759.583	11800.	2.	9931093.85	3151.364	156.	312.75	4312.5	7406.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/03/58-01/08/92	29	150.	166.966	310.	60.	4620.534	67.975	87.	119.5	229.	270.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

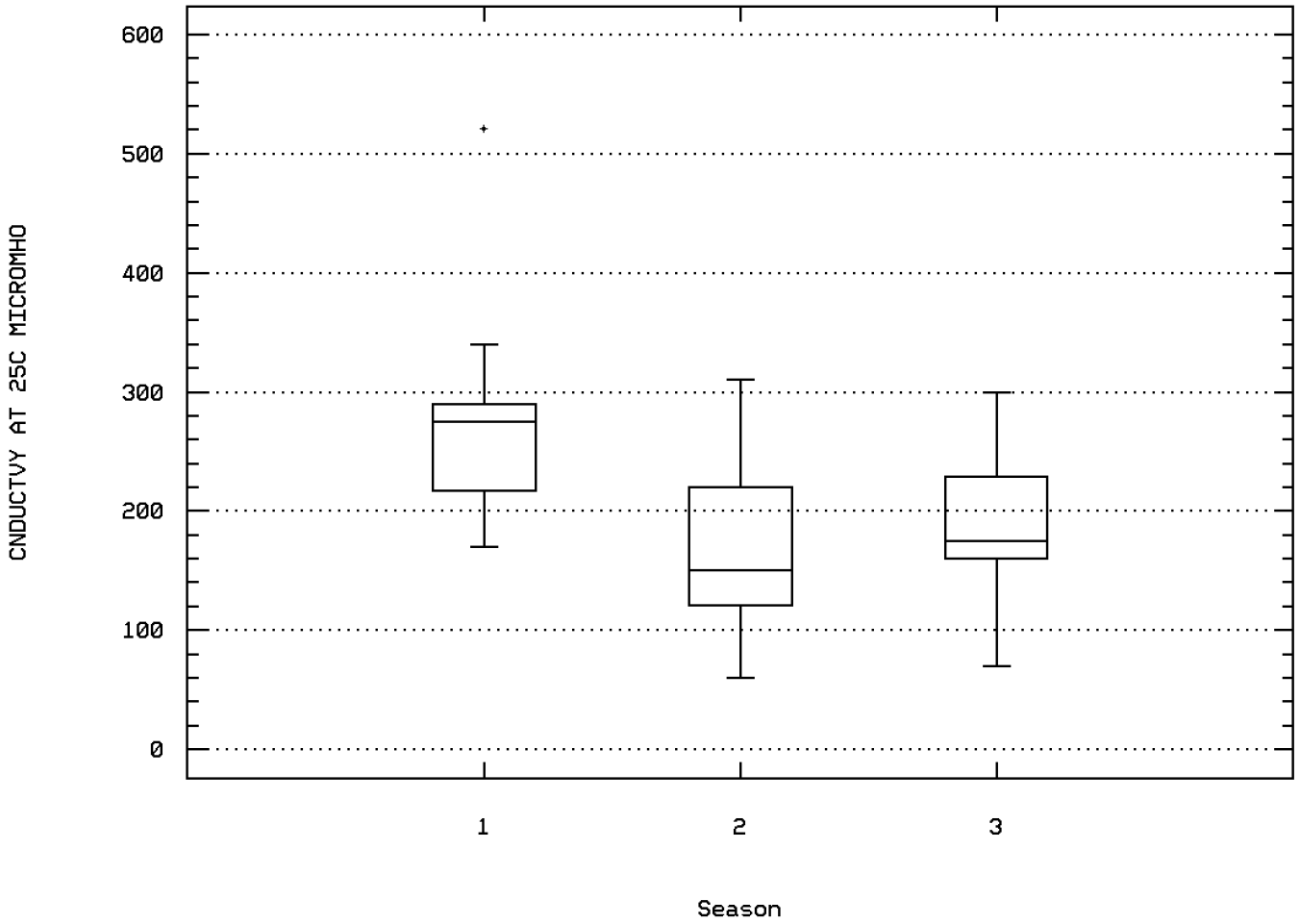
Seasonal Analysis for Season #3: 3/01 to 5/31 - Station CHCH0149

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/57-01/08/92	24	15.5	15.196	21.7	7.	14.281	3.779	9.5	12.625	18.	20.
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/25/65-01/08/92	24	868.5	2660.208	19000.	230.	20424299.042	4519.325	263.5	386.75	1812.5	9885.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/03/58-01/08/92	18	175.	179.667	300.	70.	4092.706	63.974	83.5	147.5	229.25	268.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: CHCH0149 Parameter Code: 00095

SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)



SOUTH CHICKAMAUGA CREEK NEAR CHICKAMAUG

Station Inventory for Station: CHCH0150

NPS Station ID: CHCH0150 LAT/LON: 35.014448/ -85.210004 Agency: 112WRD Date Created: 01/25/77
Location: SOUTH CHICKAMAUGA CREEK AT CHICKAMAUGA, TN FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 03567510
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 06020001007 RF1 Mile Point: 10.350 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 06020001006700.00 RF3 Mile Point: 3.19 Distance from RF3: 0.06 On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0150

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/23/75-09/14/76	14	1.	1.286	5.	1.	1.143	1.069	1.	1.	1.	3.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/23/75-09/14/76	14	17.25	16.45	24.	8.5	33.766	5.811	8.75	9.875	22.5	23.75
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/25/75-06/09/76	9	360.	763.222	3420.	223.	1020501.694	1010.199	223.	348.	707.5	3420.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/23/75-09/14/76	13	8.5	15.631	54.	4.8	187.801	13.704	5.2	7.2	22.	43.6
00080	COLOR (PLATINUM-COBALT UNITS)	10/23/75-09/14/76	13	8.	11.231	44.	4.	109.526	10.465	4.4	6.	10.5	33.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/23/75-09/14/76	13	240.	236.154	380.	120.	3108.974	55.758	156.	210.	250.	332.
00300	OXYGEN, DISSOLVED MG/L	10/23/75-09/14/76	13	8.2	8.169	10.2	6.4	1.667	1.291	6.44	7.	9.35	9.96
00310	BOD, 5 DAY, 20 DEG C MG/L	10/23/75-08/12/76	13	1.5	1.823	5.4	0.5	1.475	1.215	0.5	1.35	2.1	4.2
00335	COD, .025N K2CR2O7 MG/L	10/23/75-09/14/76	13	8.	9.308	20.	5.	17.731	4.211	5.	6.5	10.5	18.
00400	PH (STANDARD UNITS)	10/23/75-09/14/76	13	7.7	7.731	7.9	7.5	0.014	0.118	7.54	7.65	7.8	7.9
00400	CONVERTED PH (STANDARD UNITS)	10/23/75-09/14/76	13	7.7	7.716	7.9	7.5	0.014	0.119	7.54	7.65	7.8	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/75-09/14/76	13	0.02	0.019	0.032	0.013	0.	0.005	0.013	0.016	0.023	0.029
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/23/75-09/14/76	13	110.	102.923	130.	52.	379.91	19.491	65.2	95.5	115.	126.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/23/75-09/14/76	13	21.	26.385	67.	8.	361.09	19.002	8.8	13.5	29.5	66.2
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	10/23/75-09/14/76	13	0.16	0.165	0.38	0.04	0.006	0.08	0.056	0.13	0.18	0.316
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/23/75-09/14/76	13	0.22	0.23	0.44	0.06	0.009	0.094	0.1	0.165	0.295	0.388
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/23/75-09/14/76	13	0.48	0.471	0.64	0.24	0.009	0.093	0.296	0.445	0.51	0.604
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/23/75-09/14/76	13	0.15	0.18	0.41	0.13	0.006	0.08	0.13	0.13	0.2	0.35
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	11/25/75-09/14/76	12	0.1	0.123	0.35	0.005	0.008	0.09	0.019	0.075	0.158	0.311
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/23/75-09/14/76	13	100.	101.923	120.	61.	230.577	15.185	73.8	95.5	110.	120.
00916	CALCIUM, TOTAL (MG/L AS CA)	10/23/75-09/14/76	13	32.	32.077	37.	20.	19.577	4.425	23.6	30.5	35.5	37.
00927	MAGNESIUM, TOTAL (MG/L AS MG)	10/23/75-09/14/76	13	5.7	5.331	8.3	0.2	4.439	2.107	1.2	4.4	6.5	7.9
00929	SODIUM, TOTAL (MG/L AS NA)	10/23/75-09/14/76	13	3.3	3.469	6.7	1.7	1.651	1.285	1.94	2.6	4.05	5.98
00937	POTASSIUM, TOTAL MG/L AS K)	10/23/75-09/14/76	13	1.3	1.246	1.7	0.9	0.053	0.23	0.94	1.	1.4	1.62
00940	CHLORIDE,TOTAL IN WATER MG/L	10/23/75-09/14/76	13	4.	4.077	6.	2.	0.744	0.862	2.8	4.	4.	5.6
00945	SULFATE, TOTAL (MG/L AS SO4)	10/23/75-09/14/76	13	8.	8.385	18.	2.	20.423	4.519	2.	5.5	10.	16.8
00951	FLUORIDE, TOTAL (MG/L AS F)	10/23/75-09/14/76	13 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/23/75-09/14/76	13	6.	6.046	7.3	4.2	0.558	0.747	4.68	5.8	6.55	7.1
01045	IRON, TOTAL (UG/L AS FE)	10/23/75-09/14/76	13	1000.	1080.769	3000.	330.	568724.359	754.138	362.	470.	1200.	2680.
01046	IRON, DISSOLVED (UG/L AS FE)	11/25/75-09/14/76	12	80.	105.833	350.	25.	8294.697	91.075	25.	50.	157.5	296.
01047	IRON, FERROUS (UG/L AS FE)	10/23/75-10/23/75	1	120.	120.	120.	120.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	10/23/75-09/14/76	13	70.	68.462	120.	30.	497.436	22.303	34.	55.	80.	104.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	11/25/75-09/14/76	12	30.	26.667	60.	5.	219.697	14.822	5.	20.	30.	54.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/25/75-03/10/76	5	3200.	2713.	5900.	5.	6114945.	2472.841	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/25/75-03/10/76	5	3.505	2.848	3.771	0.699	1.626	1.275	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			704.625								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/23/75-08/12/76	12	205.	1160.	5900.	5.	4173595.455	2042.938	5.	42.5	1062.5	5630.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/23/75-08/12/76	12	2.312	2.294	3.771	0.699	1.015	1.008	0.699	1.626	3.021	3.749

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0150

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			196.683								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/23/75-09/14/76	13	130.	136.154	170.	100.	525.641	22.927	104.	115.	155.	170.
70302	SOLIDS, DISSOLVED-TONS PER DAY	11/25/75-06/09/76	9	126.	233.256	923.	90.3	69522.213	263.671	90.3	108.	228.5	923.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/23/75-09/14/76	13	0.18	0.185	0.23	0.14	0.001	0.03	0.144	0.155	0.21	0.23

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0150

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	13	1	0.08	5	0	0.00	4	0	0.00	4	1	0.25			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	13	0	0.00	5	0	0.00	4	0	0.00	4	0	0.00			
00400	PH	Fresh Chronic	9.	13	0	0.00	5	0	0.00	4	0	0.00	4	0	0.00			
		Other-Lo Lim.	6.5	13	0	0.00	5	0	0.00	4	0	0.00	4	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	13	0	0.00	5	0	0.00	4	0	0.00	4	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	13	0	0.00	5	0	0.00	4	0	0.00	4	0	0.00			
		Drinking Water	250.	13	0	0.00	5	0	0.00	4	0	0.00	4	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	13	0	0.00	5	0	0.00	4	0	0.00	4	0	0.00			
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	13	0	0.00	5	0	0.00	4	0	0.00	4	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	5	3	0.60				4	2	0.50	1	1	1.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	12	7	0.58	5	2	0.40	4	2	0.50	3	3	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0151

NPS Station ID: CHCH0151
LAT/LON: 35.014448/ -85.210281
Agency: 131TVAC
Date Created: / /
Location: LEE HIGHWAY BRIDGE
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475395 /2669
RMI-Indexes: 1021500 007720 00920 6180
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 012.00
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: SOUTH CHICKAMAUGA CREEK 12.00
ECO Region:
RF1 Index: 06020001007
RF1 Mile Point: 10.350
Distance from RF1: 5.50
On/Off RF1: ON
RF3 Index: 06020001001100.63
RF3 Mile Point: 1.33
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0151

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/06/67-11/10/80	25	1.	0.96	1.	0.	0.04	0.2	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/06/67-11/10/80	25	18.9	16.532	25.6	5.8	36.282	6.023	7.6	10.5	22.	22.32
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/26/69-12/07/76	18	189.	510.278	2400.	133.	414065.507	643.479	135.7	150.75	635.75	1662.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/26/69-11/10/80	15	15.	23.48	100.	2.6	734.233	27.097	2.84	7.	20.	74.8
00080	COLOR (PLATINUM-COBALT UNITS)	09/06/67-11/10/80	17	15.	17.118	50.	2.5	147.579	12.148	2.5	10.	25.	34.
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	10/23/75-11/10/80	17	19.	33.588	140.	13.	1117.757	33.433	14.6	16.	30.5	100.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/26/69-12/07/76	14	270.	255.	390.	140.	5073.077	71.226	140.	197.5	297.5	355.
00300	OXYGEN, DISSOLVED MG/L	09/06/67-11/10/80	23	6.1	6.491	10.5	4.2	3.904	1.976	4.5	4.6	8.2	9.5
00303	BOD, 1DAY, 20 DEG C MG/L	09/25/72-09/26/72	6	1.2	1.15	1.7	0.5	0.159	0.399	**	**	**	**
00304	BOD, 2 DAY, 20 DEG C MG/L	09/06/67-09/26/72	8	2.3	2.238	2.8	1.6	0.214	0.463	**	**	**	**
00305	BOD, 3 DAY, 20 DEG C MG/L	09/25/72-09/26/72	6	3.1	3.017	3.6	2.3	0.274	0.523	**	**	**	**
00306	BOD, 4 DAY, 20 DEG C MG/L	09/25/72-09/26/72	6	3.95	3.767	4.3	2.8	0.383	0.619	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/06/67-12/07/76	24	2.85	2.917	5.2	1.	1.188	1.09	1.2	2.25	3.55	4.7
00335	COD, .025N K2CR2O7 MG/L	05/20/69-11/10/80	12	14.5	17.917	29.	10.	40.811	6.388	10.9	14.	24.25	28.7
00400	PH (STANDARD UNITS)	09/06/67-11/10/80	17	7.5	7.553	8.8	6.7	0.203	0.45	6.86	7.3	7.75	8.08
00400	CONVERTED PH (STANDARD UNITS)	09/06/67-11/10/80	17	7.5	7.36	8.8	6.7	0.242	0.492	6.86	7.3	7.75	8.08
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/06/67-11/10/80	17	0.032	0.044	0.2	0.002	0.002	0.049	0.01	0.018	0.05	0.141
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/26/69-11/10/80	15	110.	106.267	140.	45.	1018.495	31.914	45.6	87.	140.	140.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	02/26/69-11/10/80	28	0.	0.321	9.	0.	2.893	1.701	0.	0.	0.	0.
00500	RESIDUE, TOTAL (MG/L)	09/06/67-11/10/80	14	185.	176.429	270.	60.	2732.418	52.273	90.	140.	220.	245.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/06/67-12/02/69	13	140.	143.846	210.	50.	2225.641	47.177	70.	105.	190.	202.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/76-12/07/76	3	13.	24.333	57.	3.	825.333	28.729	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	11/10/80-11/10/80	1	0.29	0.29	0.29	0.29	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/06/67-12/07/76	22	0.455	0.477	0.78	0.23	0.023	0.151	0.258	0.378	0.583	0.7
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/06/67-12/07/76	22	0.245	0.239	0.73	0.005	0.026	0.161	0.056	0.113	0.315	0.433
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/06/67-09/26/72	19	0.04	0.036	0.06	0.01	0.	0.018	0.01	0.02	0.05	0.06
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/06/67-09/26/72	19	0.41	0.392	0.76	0.14	0.019	0.139	0.21	0.28	0.43	0.58
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/12/76-12/07/76	3	0.37	0.337	0.42	0.22	0.011	0.104	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/26/69-11/10/80	15	0.326	0.338	0.554	0.075	0.024	0.154	0.091	0.209	0.489	0.535
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	02/26/69-12/07/76	14	0.295	0.289	0.65	0.049	0.031	0.175	0.054	0.097	0.424	0.537
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	11/10/80-11/10/80	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	02/26/69-11/10/80	15	31.	29.6	38.	16.	46.114	6.791	17.2	25.	36.	37.4
00927	MAGNESIUM, TOTAL (MG/L AS MG)	02/26/69-11/10/80	15	7.	7.607	12.	2.	10.931	3.306	2.3	4.5	10.	12.
00929	SODIUM, TOTAL (MG/L AS NA)	02/26/69-11/10/80	15	5.6	5.74	14.	0.9	18.028	4.246	0.9	1.4	8.7	13.1
00937	POTASSIUM, TOTAL MG/L AS K)	02/26/69-11/10/80	15	1.7	2.273	5.2	0.8	1.379	1.174	1.1	1.5	2.8	4.36
00940	CHLORIDE,TOTAL IN WATER MG/L	02/26/69-11/10/80	15	7.	6.8	11.	4.	5.029	2.242	4.	4.	8.	10.4
00945	SULFATE, TOTAL (MG/L AS SO4)	10/13/67-11/10/80	16	16.	16.688	48.	5.	102.096	10.104	6.4	11.	17.75	35.4
00951	FLUORIDE, TOTAL (MG/L AS F)	02/26/69-11/10/80	15	0.08	0.081	0.13	0.05	0.001	0.024	0.05	0.07	0.09	0.13

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0151

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/12/76-12/07/76	3	4.7	5.567	7.3	4.7	2.253	1.501	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	02/26/69-12/02/69	11	6.3	6.6	8.1	4.8	1.388	1.178	4.82	5.9	7.8	8.08
01007	BARIUM, TOTAL (UG/L AS BA)	11/10/80-11/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	11/10/80-11/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01022	BORON, TOTAL (UG/L AS B)	11/10/80-11/10/80	1	80.	80.	80.	80.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	11/10/80-11/10/80	1	13.	13.	13.	13.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	11/10/80-11/10/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01037	COBALT, TOTAL (UG/L AS CO)	11/10/80-11/10/80	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	11/10/80-11/10/80	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	02/26/69-11/10/80	15	290.	464.667	2300.	130.	281055.238	530.146	166.	250.	460.	1370.
01046	IRON, DISSOLVED (UG/L AS FE)	02/26/69-12/07/76	14	110.	124.643	320.	25.	9959.478	99.797	25.	43.75	182.5	310.
01047	IRON, FERROUS (UG/L AS FE)	02/26/69-12/02/69	11 ##	25.	27.273	50.	25.	56.818	7.538	25.	25.	25.	45.
01051	LEAD, TOTAL (UG/L AS PB)	11/10/80-11/10/80	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	02/26/69-11/10/80	15	90.	121.733	810.	30.	36979.352	192.3	33.6	50.	100.	390.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	02/26/69-12/07/76	14	35.	40.	80.	20.	353.846	18.811	20.	20.	52.5	70.
01067	NICKEL, TOTAL (UG/L AS NI)	11/10/80-11/10/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	11/10/80-11/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	11/10/80-11/10/80	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01097	ANTIMONY, TOTAL (UG/L AS SB)	11/10/80-11/10/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01102	TIN, TOTAL (UG/L AS SN)	11/10/80-11/10/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	11/10/80-11/10/80	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/06/67-11/10/80	13	5900.	18562.308	100000.	90.	900684719.231	30011.41	306.	1095.	26000.	83600.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/06/67-11/10/80	13	3.771	3.685	5.	1.954	0.723	0.85	2.292	3.032	4.363	4.908
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4836.193								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/06/67-11/10/80	17	570.	1952.353	13200.	5.	10846115.993	3293.344	5.	35.	3250.	6160.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/06/67-11/10/80	17	2.756	2.49	4.121	0.699	1.186	1.089	0.699	1.54	3.512	3.739
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			308.82								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/16/69-12/02/69	6	15.	53.333	190.	5.	5536.667	74.409	**	**	**	**
46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	02/26/69-11/10/80	28	105.	103.679	140.	48.	522.597	22.86	60.4	93.25	120.	130.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/12/76-11/10/80	4	175.	172.5	180.	160.	91.667	9.574	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	11/10/80-11/10/80	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0151

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	15	3	0.20	6	1	0.17	6	1	0.17	3	1	0.33			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	23	0	0.00	14	0	0.00	6	0	0.00	3	0	0.00			
00400	PH	Fresh Chronic	9.	17	0	0.00	8	0	0.00	6	0	0.00	3	0	0.00			
		Other-Lo Lim.	6.5	17	0	0.00	8	0	0.00	6	0	0.00	3	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	19	0	0.00	13	0	0.00	3	0	0.00	3	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	19	0	0.00	13	0	0.00	3	0	0.00	3	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	0	0.00	1	0	0.00	2	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	15	0	0.00	6	0	0.00	6	0	0.00	3	0	0.00			
		Drinking Water	250.	15	0	0.00	6	0	0.00	6	0	0.00	3	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	16	0	0.00	7	0	0.00	6	0	0.00	3	0	0.00			
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	15	0	0.00	6	0	0.00	6	0	0.00	3	0	0.00			
01007	BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00				1	0	0.00						
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	1	0	0.00				1	0	0.00						
		Drinking Water	4.	0 &	0	0.00												
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	1	1.00				1	1	1.00						
		Drinking Water	5.	1	1	1.00				1	1	1.00						
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00				1	0	0.00						
01042	COPPER, TOTAL	Fresh Acute	18.	1	1	1.00				1	1	1.00						
		Drinking Water	1300.	1	0	0.00				1	0	0.00						
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00				1	0	0.00						
		Drinking Water	15.	1	0	0.00				1	0	0.00						
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00				1	0	0.00						
		Drinking Water	100.	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0151

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01077	SILVER, TOTAL	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	100.	1	0	0.00				1	0	0.00						
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00				1	0	0.00						
		Drinking Water	5000.	1	0	0.00				1	0	0.00						
01097	ANTIMONY, TOTAL	Fresh Acute	88.	1	0	0.00				1	0	0.00						
		Drinking Water	6.	1	0	0.00				1	0	0.00						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	13	10	0.77	6	5	0.83	4	3	0.75	3	2	0.67			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	17	10	0.59	7	4	0.57	7	3	0.43	3	3	1.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00				1	0	0.00						
		Drinking Water	2.	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 6/01 to 10/31 - Station CHCH0151

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	02/26/69-11/10/80	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	02/26/69-11/10/80	11	110.	109.455	130.	87.	257.073	16.033	88.2	94.	130.	130.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 2/29 - Station CHCH0151

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	02/26/69-11/10/80	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	02/26/69-11/10/80	10	115.	112.9	140.	88.	269.433	16.414	88.6	96.25	122.5	139.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 3/01 to 5/31 - Station CHCH0151

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	02/26/69-11/10/80	7	0.	1.286	9.	0.	11.571	3.402	**	**	**	**
46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	02/26/69-11/10/80	7	86.	81.429	120.	48.	738.619	27.178	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: CHCH0152

NPS Station ID: CHCH0152
LAT/LON: 35.014726/ -85.210560
Agency: 1113S000
Date Created: / /
Location: S.CHICKAMAUGA CK AT LEE HWY
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 480160 /TR-CC-07A
RMI-Indexes: 1021500 007720 00920 6180
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 012.10
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001007
RF1 Mile Point: 10.350
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 06020001000709.35
RF3 Mile Point: 9.66
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0152

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/15/68-10/17/68	3	20.	19.833	20.	19.5	0.083	0.289	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/15/68-10/17/68	3	5.	5.	5.2	4.8	0.04	0.2	**	**	**	**
00400	PH (STANDARD UNITS)	10/16/68-10/17/68	2	7.25	7.25	7.3	7.2	0.005	0.071	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/16/68-10/17/68	2	7.247	7.247	7.3	7.2	0.005	0.071	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/16/68-10/17/68	2	0.057	0.057	0.063	0.05	0.	0.009	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/15/68-10/17/68	3	0.55	0.523	0.74	0.28	0.053	0.231	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/15/68-10/17/68	3	20.3	23.033	35.3	13.5	124.413	11.154	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/15/68-10/17/68	3	0.48	0.523	0.82	0.27	0.077	0.278	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0152

				Total	Exceed	Prop.	----------6/01-10/31----------			----------11/01-2/29----------			----------3/01-5/31----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	3	0	0.00	3	0	0.00									
00400	PH	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	0	0.00	3	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0153

NPS Station ID: CHCH0153 LAT/LON: 35.015059/ -85.353559 Agency: 11NPSWRD Date Created: 04/03/99
Location: BATTLEFIELD PIT #2 FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/SPRING/TUNNEL STORET Station ID(s): CHCH_HHH_BP2
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: TENNESSEE RIVER Elevation: 0 Water Body Id:
Minor Basin: TENNESSEE R-MAIN STEM & MINOR TRIBS ECO Region:
RF1 Index: 06020001 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 06020001011302.01 RF3 Mile Point: 3.41 Distance from RF3: 0.11 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE CHATTANOOGA TENNESSEE 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THIS SITE IS AT A CAVE; BATTLEFIELD PIT #2; AND IS INSIDE OF THE CHICKAMAUGA AND CHATTANOOGA NATIONAL MILITARY PARK BOUNDARIES. DATA ARE FROM A REPORT BY HORTON H. HOBBS III; "ASSESSMENT OF THE ECOLOGICAL RESOURCES OF THE CAVES OF RUSSELL CAVE NATIONAL MONUMENT JACKSON COUNTY ALABAMA AND SELECTED CAVES AT THE LOOKOUT MOUNTAIN UNIT OF CHICKAMAUGA-CHATTANOOGA NATIONAL MILITARY PARK DADE COUNTY GEORGIA AND HAMILTON COUNTY TENNESSEE;" JANUARY 1994. THE PURPOSE OF THIS REPORT WAS TO MAKE "RECOMMENDATIONS FOR MANAGEMENT OF THE CAVES PROPER AND THEIR HYDROLOGICAL RECHARGE AREAS." FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT THE CHICKAMAUGA AND CHATTANOOGA NATIONAL MILITARY PARK; P.O. BOX 2128; FORT OGLETHORPE GA 30742; (TEL. 706-866-9241). DATA WERE PROCESSED AND UPLOADED TO STORET BY RONDA BURNS NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: CHCH0153

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/16/92-12/16/92	1	13.9	13.9	13.9	13.9	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/16/92-12/16/92	1	14.2	14.2	14.2	14.2	0.	0.	**	**	**	**
00052	HUMIDITY, RELATIVE (PERCENT)	12/16/92-12/16/92	1	100.	100.	100.	100.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/16/92-12/16/92	1	282.	282.	282.	282.	0.	0.	**	**	**	**
00154	SULFATE (AS S) WHOLE WATER, MG/L	12/16/92-12/16/92	1	14.1	14.1	14.1	14.1	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	12/16/92-12/16/92	1	7.81	7.81	7.81	7.81	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	12/16/92-12/16/92	1	7.81	7.81	7.81	7.81	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/16/92-12/16/92	1	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/16/92-12/16/92	1	0.48	0.48	0.48	0.48	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/16/92-12/16/92	1	152.	152.	152.	152.	0.	0.	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	12/16/92-12/16/92	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	12/16/92-12/16/92	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0153

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00154	SULFATE (AS S) WHOLE WATER	Drinking Water	250.	1	0	0.00				1	0	0.00						
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0154

NPS Station ID: CHCH0154
LAT/LON: 35.015559/ -85.302226
Agency: 21TNWQ
Date Created: 10/01/83
Location: CHATTANOOGA CREEK 2.94 QUAD 105SE
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM/SOLIDS
STORET Station ID(s): CHATTCRIS21
RMI-Indexes: 1021500 007720 00920 6140
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 002.94
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 13.80
On/Off RF1:
RF3 Index: 06020001124402.18
RF3 Mile Point: 3.42
Distance from RF3: 0.01
On/Off RF3:
Description:
TENN DIVISION OF WATER MANAGEMENT LIBRARY FILE INDEX NO. BG0.12

Parameter Inventory for Station: CHCH0154

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/16/81-11/16/81	1	290.	290.	290.	290.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11/16/81-11/16/81	1	44.	44.	44.	44.	0.	0.	**	**	**	**
01054	MANGANESE, SUSPENDED (UG/L AS MN)	11/16/81-11/16/81	1	29.	29.	29.	29.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/16/81-11/16/81	1	150.	150.	150.	150.	0.	0.	**	**	**	**
34208	ACENAPHTHENE DRY WGTBOTUG/KG	11/16/81-11/16/81	1	759000.	759000.	759000.	759000.	0.	0.	**	**	**	**
34223	ANTHRACENE DRY WGTBOTUG/KG	11/16/81-11/16/81	1	231000.	231000.	231000.	231000.	0.	0.	**	**	**	**
34237	BENZENE DRY WGTBOTUG/KG	11/16/81-11/16/81	1	147.	147.	147.	147.	0.	0.	**	**	**	**
34374	ETHYLBENZENE DRY WGTBOTUG/KG	11/16/81-11/16/81	1	311.	311.	311.	311.	0.	0.	**	**	**	**
34379	FLUORANTHENE DRY WGTBOTUG/KG	11/16/81-11/16/81	1	3840000.	3840000.	3840000.	3840000.	0.	0.	**	**	**	**
34384	FLUORENE DRY WGTBOTUG/KG	11/16/81-11/16/81	1	287000.	287000.	287000.	287000.	0.	0.	**	**	**	**
34445	NAPHTHALENE DRY WGTBOTUG/KG	11/16/81-11/16/81	1	1700000.	1700000.	1700000.	1700000.	0.	0.	**	**	**	**
34464	PHENANTHRENE DRY WGTBOTUG/KG	11/16/81-11/16/81	1	6280000.	6280000.	6280000.	6280000.	0.	0.	**	**	**	**
34472	PYRENE DRY WGTBOTUG/KG	11/16/81-11/16/81	1	2950000.	2950000.	2950000.	2950000.	0.	0.	**	**	**	**
34483	TOLUENE DRY WGTBOTUG/KG	11/16/81-11/16/81	1	20.1	20.1	20.1	20.1	0.	0.	**	**	**	**
34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	11/16/81-11/16/81	1	1400000.	1400000.	1400000.	1400000.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: CHCH0155

NPS Station ID: CHCH0155 | LAT/LON: 35.015726/ -85.353281 | Agency: 11NPSWRD | Date Created: 04/03/99
Location: BATTLEFIELD PIT #1 | FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/SPRING/TUNNEL | STORET Station ID(s): CHCH_HHH_BP1
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 06020001 | Depth of Water: 0 | Aquifer:
Major Basin: TENNESSEE RIVER | Elevation: 0 | Water Body Id:
Minor Basin: TENNESSEE R-MAIN STEM & MINOR TRIBS | ECO Region:
RF1 Index: 06020001 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 06020001011302.01 | RF3 Mile Point: 3.41 | Distance from RF3: 0.11 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE CHATTANOOGA TENNESSEE 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THIS SITE IS AT A CAVE; BATTLEFIELD PIT #1; AND IS INSIDE OF THE CHICKAMAUGA AND CHATTANOOGA NATIONAL MILITARY PARK BOUNDARIES. DATA ARE FROM A REPORT BY HORTON H. HOBBS III; "ASSESSMENT OF THE ECOLOGICAL RESOURCES OF THE CAVES OF RUSSELL CAVE NATIONAL MONUMENT JACKSON COUNTY ALABAMA AND SELECTED CAVES AT THE LOOKOUT MOUNTAIN UNIT OF CHICKAMAUGA-CHATTANOOGA NATIONAL MILITARY PARK DADE COUNTY GEORGIA AND HAMILTON COUNTY TENNESSEE;" JANUARY 1994. THE PURPOSE OF THIS REPORT WAS TO MAKE "RECOMMENDATIONS FOR MANAGEMENT OF THE CAVES PROPER AND THEIR HYDROLOGICAL RECHARGE AREAS." FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT THE CHICKAMAUGA AND CHATTANOOGA NATIONAL MILITARY PARK; P.O. BOX 2128; FORT OGLETHORPE GA 30742; (TEL. 706-866-9241). DATA WERE PROCESSED AND UPLOADED TO STORET BY RONDA BURNS NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: CHCH0155

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/16/92-12/16/92	1	11.1	11.1	11.1	11.1	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/16/92-12/16/92	1	11.1	11.1	11.1	11.1	0.	0.	**	**	**	**
00052	HUMIDITY, RELATIVE (PERCENT)	12/16/92-12/16/92	1	100.	100.	100.	100.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/16/92-12/16/92	1	225.	225.	225.	225.	0.	0.	**	**	**	**
00154	SULFATE (AS S) WHOLE WATER, MG/L	12/16/92-12/16/92	1	18.3	18.3	18.3	18.3	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	12/16/92-12/16/92	1	8.31	8.31	8.31	8.31	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	12/16/92-12/16/92	1	8.31	8.31	8.31	8.31	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/16/92-12/16/92	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/16/92-12/16/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/16/92-12/16/92	1	134.	134.	134.	134.	0.	0.	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	12/16/92-12/16/92	1	0.56	0.56	0.56	0.56	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	12/16/92-12/16/92	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0155

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00154	SULFATE (AS S) WHOLE WATER	Drinking Water	250.	1	0	0.00				1	0	0.00						
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0156

NPS Station ID: CHCH0156
LAT/LON: 35.016115/ -85.330003
Agency: 131TVAC
Date Created: 10/04/80
Location: TRIBUTARY TO CHATTANOOGA CREEK 0.3
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM/SOLIDS
STORET Station ID(s): 476288
RMI-Indexes: 1021500 007720 00920 6140 0020
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 000.30 000.10
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: UNNAMED TRIBUTARY 0.1
ECO Region:
RF1 Index: 06020001003
RF1 Mile Point: 0.540
Distance from RF1: 14.70
On/Off RF1: OFF
RF3 Index: 06020001130500.00
RF3 Mile Point: 0.00
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0156

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/10/80-09/12/80	2	1.	1.	1.	1.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/10/80-09/10/80	1	27.	27.	27.	27.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/10/80-09/10/80	1	680.	680.	680.	680.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/10/80-09/10/80	1	2.3	2.3	2.3	2.3	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/10/80-09/10/80	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/10/80-09/10/80	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/10/80-09/10/80	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/10/80-09/10/80	1	180.	180.	180.	180.	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	09/10/80-09/10/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	09/10/80-09/10/80	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	09/10/80-09/10/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	09/12/80-09/12/80	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	09/12/80-09/12/80	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/12/80-09/12/80	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/12/80-09/12/80	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/10/80-09/10/80	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/10/80-09/10/80	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/12/80-09/12/80	1	48.	48.	48.	48.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/10/80-09/10/80	1 ##	250.	250.	250.	250.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/12/80-09/12/80	1	250.	250.	250.	250.	0.	0.	**	**	**	**
01059	THALLIUM, TOTAL (UG/L AS TL)	09/10/80-09/10/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	09/10/80-09/10/80	1 ##	75.	75.	75.	75.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/12/80-09/12/80	1	20.1	20.1	20.1	20.1	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	09/10/80-09/10/80	1 ##	30.	30.	30.	30.	0.	0.	**	**	**	**
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	09/12/80-09/12/80	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/10/80-09/10/80	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	09/12/80-09/12/80	1	1100.	1100.	1100.	1100.	0.	0.	**	**	**	**
01097	ANTIMONY, TOTAL (UG/L AS SB)	09/10/80-09/10/80	1 ##	250.	250.	250.	250.	0.	0.	**	**	**	**
01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	09/12/80-09/12/80	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	09/10/80-09/10/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	09/12/80-09/12/80	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
32104	BROMOFORM,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
32106	CHLOROFORM,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0156

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34200	ACENAPHTHYLENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	09/12/80-09/12/80	1	260.	260.	260.	260.	0.	0.	**	**	**	**
34205	ACENAPHTHENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34208	ACENAPHTHENE DRY WGTBOTUG/KG	09/12/80-09/12/80	1	6500.	6500.	6500.	6500.	0.	0.	**	**	**	**
34210	ACROLEIN TOTWUG/L	09/10/80-09/10/80	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
34213	ACROLEIN DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
34215	ACRYLONITRILE TOTWUG/L	09/10/80-09/10/80	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
34218	ACRYLONITRILE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
34220	ANTHRACENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34223	ANTHRACENE DRY WGTBOTUG/KG	09/12/80-09/12/80	1	17000.	17000.	17000.	17000.	0.	0.	**	**	**	**
34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34237	BENZENE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34247	BENZO-A-PYRENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34257	B-BHC-BETA DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34262	DELTA BENZENE HEXACHLORIDE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34268	BIS (CHLOROMETHYL) ETHER TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34271	BIS (CHLOROMETHYL) ETHER DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34290	BROMOFORM DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34295	N-BUTYL BENZYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	09/12/80-09/12/80	1	220.	220.	220.	220.	0.	0.	**	**	**	**
34299	CARBON TETRACHLORIDE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34301	CHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34304	CHLOROBENZENE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34309	CHLORODIBROMOMETHANE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34311	CHLOROETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34314	CHLOROETHANE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34318	CHLOROFORM DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34320	CHRYSENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34323	CHRYSENE DRY WGTBOTUG/KG	09/12/80-09/12/80	1	25000.	25000.	25000.	25000.	0.	0.	**	**	**	**
34330	DICHLOROBROMOMETHANE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34334	DICHLORODIFLUOROMETHANE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34336	DIETHYL PHTHALATE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34341	DIMETHYL PHTHALATE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34346	1,2-DIPHENYLHYDRAZINE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34349	1,2-DIPHENYLHYDRAZINE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34351	ENDOSULFAN SULFATE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34356	ENDOSULFAN, BETA TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34361	ENDOSULFAN, ALPHA TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34366	ENDRIN ALDEHYDE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34374	ETHYLBENZENE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34376	FLUORANTHENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34379	FLUORANTHENE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0156

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34381	FLUORENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34384	FLUORENE DRY WGTBOTUG/KG	09/12/80-09/12/80	1	6300.	6300.	6300.	6300.	0.	0.	**	**	**	**
34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34391	HEXACHLOROBUTADIENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34396	HEXACHLOROETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34408	ISOPHORONE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34411	ISOPHORONE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34413	METHYL BROMIDE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34416	METHYL BROMIDE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34418	METHYL CHLORIDE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34421	METHYL CHLORIDE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34423	METHYLENE CHLORIDE TOTWUG/L	09/10/80-09/10/80	1	60.	60.	60.	60.	0.	0.	**	**	**	**
34426	METHYLENE CHLORIDE DRY WGTBOTUG/KG	09/12/80-09/12/80	1	14.	14.	14.	14.	0.	0.	**	**	**	**
34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34433	N-NITROSODIPHENYLAMINE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34438	N-NITROSODIMETHYLAMINE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34441	N-NITROSODIMETHYLAMINE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34445	NAPHTHALENE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34447	NITROBENZENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34450	NITROBENZENE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34452	PARACHLOROMETA CRESOL TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34455	PARACHLOROMETA CRESOL DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34461	PHENANTHRENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34464	PHENANTHRENE DRY WGTBOTUG/KG	09/12/80-09/12/80	1	17000.	17000.	17000.	17000.	0.	0.	**	**	**	**
34469	PYRENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34472	PYRENE DRY WGTBOTUG/KG	09/12/80-09/12/80	1	22000.	22000.	22000.	22000.	0.	0.	**	**	**	**
34475	TETRACHLOROETHYLENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34478	TETRACHLOROETHYLENE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34480	THALLIUM DRY WGTBOTMG/KG	09/12/80-09/12/80	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34483	TOLUENE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34487	TRICHLOROETHYLENE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34491	TRICHLOROFLUOROMETHANE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34495	VINYL CHLORIDE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34496	1,1-DICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34499	1,1-DICHLOROETHANE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34501	1,1-DICHLOROETHYLENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34504	1,1-DICHLOROETHYLENE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34509	1,1,1-TRICHLOROETHANE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34514	1,1,2-TRICHLOROETHANE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34519	1,1,2,2-TETRACHLOROETHANE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	09/12/80-09/12/80	1	20000.	20000.	20000.	20000.	0.	0.	**	**	**	**
34531	1,2-DICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34534	1,2-DICHLOROETHANE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34536	1,2-DICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34541	1,2-DICHLOROPROPANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34544	1,2-DICHLOROPROPANE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34549	TRANS-1,2-DICHLOROETHENE, IN SED. DRY WT. UG/KG	09/12/80-09/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0156

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34564	1,3-DICHLOROPROPENE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34566	1,3-DICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34571	1,4-DICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34579	2-CHLOROETHYL VINYL ETHER DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34581	2-CHLORONAPHTHALENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34586	2-CHLOROPHENOL TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34589	2-CHLOROPHENOL DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34591	2-NITROPHENOL TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34594	2-NITROPHENOL DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34596	DI-N-OCTYL PHTHALATE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34601	2,4-DICHLOROPHENOL TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34604	2,4-DICHLOROPHENOL DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34606	2,4-DIMETHYLPHENOL TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34611	2,4-DINITROTOLUENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34614	2,4-DINITROTOLUENE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34616	2,4-DINITROPHENOL TOTWUG/L	09/10/80-09/10/80	1 ##	125.	125.	125.	125.	0.	0.	**	**	**	**
34619	2,4-DINITROPHENOL DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34624	2,4,6-TRICHLOROPHENOL DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34626	2,6-DINITROTOLUENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34629	2,6-DINITROTOLUENE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34634	3,3'-DICHLOROBENZIDINE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34639	4-BROMOPHENYL PHENYL ETHER DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34644	4-CHLOROPHENYL PHENYL ETHER DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34646	4-NITROPHENOL TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34649	4-NITROPHENOL DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	09/10/80-09/10/80	1 ##	125.	125.	125.	125.	0.	0.	**	**	**	**
34660	DNOC (4,6-DINITRO-ORTHO-CRESOL) DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34668	DICHLORODIFUOROMETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34671	PCB - 1016 TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34695	PHENOL(C6H5OH)-SINGLE COMPOUND DRY WGTTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34696	NAPHTHALENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	09/12/80-09/12/80	1	41000.	41000.	41000.	41000.	0.	0.	**	**	**	**
39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39121	BENZIDINE IN BOTTOM DEPOS UG/KG DRY SOLIDS	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0156

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	09/10/80-09/10/80	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/12/80-09/12/80	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
77161	1,2-DICHLOROPROPENE WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0156

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	1	1.00	1	1	1.00									
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00720	CYANIDE, TOTAL	Fresh Acute	0.022	1	0	0.00	1	0	0.00									
		Drinking Water	0.2	1	0	0.00	1	0	0.00									
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	1	0	0.00	1	0	0.00									
		Drinking Water	4.	0 &	0	0.00												
01027	CADMIUM, TOTAL	Fresh Acute	3.9	0 &	0	0.00												
		Drinking Water	5.	0 &	0	0.00												
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	0 &	0	0.00												
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	0 &	0	0.00												
		Drinking Water	15.	0 &	0	0.00												
01059	THALLIUM, TOTAL	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	2.	0 &	0	0.00												

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0156

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01077	SILVER, TOTAL	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
01097	ANTIMONY, TOTAL	Fresh Acute	88.	0 &	0	0.00												
		Drinking Water	6.	0 &	0	0.00												
01147	SELENIUM, TOTAL	Fresh Acute	20.	0 &	0	0.00												
		Drinking Water	50.	1	0	0.00	1	0	0.00									
32101	BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32102	CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	0 &	0	0.00												
32104	BROMOFORM, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32105	DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32106	CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	1	0	0.00	1	0	0.00									
		Drinking Water	1000.	1	0	0.00	1	0	0.00									
34205	ACENAPHTHENE, TOTAL	Fresh Acute	1700.	1	0	0.00	1	0	0.00									
34210	ACROLEIN, TOTAL	Fresh Acute	68.	1	0	0.00	1	0	0.00									
34215	ACRYLONITRILE, TOTAL	Fresh Acute	7550.	1	0	0.00	1	0	0.00									
34301	CHLOROBENZENE, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
34346	1,2-DIPHENYLHYDRAZINE, TOTAL	Fresh Acute	270.	1	0	0.00	1	0	0.00									
34356	ENDOSULFAN, BETA, TOTAL	Fresh Acute	0.22	0 &	0	0.00												
34361	ENDOSULFAN, ALPHA, TOTAL	Fresh Acute	0.22	0 &	0	0.00												
34371	ETHYLBENZENE, TOTAL	Fresh Acute	32000.	1	0	0.00	1	0	0.00									
		Drinking Water	700.	1	0	0.00	1	0	0.00									
34376	FLUORANTHENE, TOTAL	Fresh Acute	3980.	1	0	0.00	1	0	0.00									
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL	Fresh Acute	7.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
34391	HEXACHLOROBUTADIENE, TOTAL	Fresh Acute	90.	1	0	0.00	1	0	0.00									
34396	HEXACHLOROETHANE, TOTAL	Fresh Acute	980.	1	0	0.00	1	0	0.00									
34403	INDENO (1,2,3-CD) PYRENE, TOTAL	Drinking Water	0.4	0 &	0	0.00												
34408	ISOPHORONE, TOTAL	Fresh Acute	117000.	1	0	0.00	1	0	0.00									
34423	METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	1	1	1.00	1	1	1.00									
34447	NITROBENZENE, TOTAL	Fresh Acute	27000.	1	0	0.00	1	0	0.00									
34452	PARACHLOROMETA CRESOL, TOTAL	Fresh Acute	30.	1	0	0.00	1	0	0.00									
34461	PHENANTHRENE, TOTAL	Fresh Acute	30.	1	0	0.00	1	0	0.00									
34475	TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	0 &	0	0.00												
34501	1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	1	0	0.00	1	0	0.00									
34506	1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	1	0	0.00	1	0	0.00									
34511	1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	0 &	0	0.00												
34531	1,2-DICHLOROETHANE, TOTAL	Fresh Acute	118000.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	0 &	0	0.00												
34536	1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00	1	0	0.00									
34541	1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	0 &	0	0.00												
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	1	0	0.00	1	0	0.00									
34551	1,2,4-TRICHLOROBENZENE, TOTAL	Drinking Water	70.	1	0	0.00	1	0	0.00									
34566	1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00	1	0	0.00									
34571	1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	1	0	0.00	1	0	0.00									
34586	2-CHLOROPHENOL, TOTAL	Fresh Acute	4380.	1	0	0.00	1	0	0.00									
34601	2,4-DICHLOROPHENOL, TOTAL	Fresh Acute	2020.	1	0	0.00	1	0	0.00									
34606	2,4-DIMETHYLPHENOL, TOTAL	Fresh Acute	2120.	1	0	0.00	1	0	0.00									
34611	2,4-DINITROTOLUENE, TOTAL	Fresh Acute	330.	1	0	0.00	1	0	0.00									
34694	PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	Fresh Acute	10200.	1	0	0.00	1	0	0.00									
34696	NAPHTHALENE, TOTAL	Fresh Acute	2300.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0156

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	1.	0 &	0	0.00												
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	Fresh Acute	2000.	1	0	0.00	1	0	0.00									
		Drinking Water	6.	1	0	0.00	1	0	0.00									
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	0 &	0	0.00												
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	0 &	0	0.00												
39300	P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	0 &	0	0.00												
39310	P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	0 &	0	0.00												
39320	P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	1	0	0.00	1	0	0.00									
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	0 &	0	0.00												
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	0 &	0	0.00												
		Drinking Water	0.2	0 &	0	0.00												
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	0 &	0	0.00												
		Drinking Water	2.	0 &	0	0.00												
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	0 &	0	0.00												
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	0 &	0	0.00												
		Drinking Water	2.	0 &	0	0.00												
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	0 &	0	0.00												
		Drinking Water	3.	0 &	0	0.00												
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	0 &	0	0.00												
		Drinking Water	0.4	0 &	0	0.00												
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	0 &	0	0.00												
		Drinking Water	0.2	0 &	0	0.00												
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	1	0	0.00	1	0	0.00									
		Drinking Water	1.	0 &	0	0.00												
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0157

NPS Station ID: CHCH0157
LAT/LON: 35.016670/ -85.293615
Agency: 21TNWQ
Date Created: 10/01/83
Location: DOBBS BRANCH 0.76 QUAD 105SE
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM/TISSUE
STORET Station ID(s): CHATTCRIS04
RMI-Indexes: 1021500 007720 00920 6140 0050
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 002.09 000.76
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 20.00
On/Off RF1:
RF3 Index: 06020001130500.74
RF3 Mile Point: 0.89
Distance from RF3: 0.03
On/Off RF3:
Description:
TENN DIVISION OF WATER MANAGEMENT LIBRARY FILE INDEX NO. BG0.12

Parameter Inventory for Station: CHCH0157

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/14/82-07/15/82	2	23.	23.	23.	23.	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/14/82-07/15/82	2	3.6	3.6	3.9	3.3	0.18	0.424	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	07/14/82-07/15/82	2	61.	61.	65.	57.	32.	5.657	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/14/82-07/15/82	2	3.75	3.75	3.8	3.7	0.005	0.071	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	07/14/82-07/15/82	2	2.5	2.5	3.	2.	0.5	0.707	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	07/14/82-07/15/82	2	17.5	17.5	28.	7.	220.5	14.849	**	**	**	**
00400	PH (STANDARD UNITS)	07/14/82-07/15/82	2	6.45	6.45	6.7	6.2	0.125	0.354	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/14/82-07/15/82	2	6.382	6.382	6.7	6.2	0.134	0.367	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/14/82-07/15/82	2	0.415	0.415	0.631	0.2	0.093	0.305	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/14/82-07/15/82	2	183.5	183.5	189.	178.	60.5	7.778	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	07/14/82-07/15/82	2	267.	267.	270.	264.	18.	4.243	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/14/82-07/15/82	2	10.5	10.5	11.	10.	0.5	0.707	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/14/82-07/15/82	2	0.675	0.675	0.69	0.66	0.	0.021	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/14/82-07/15/82	2	0.105	0.105	0.14	0.07	0.002	0.049	**	**	**	**
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	07/14/82-07/15/82	2	3.05	3.05	3.2	2.9	0.045	0.212	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/14/82-07/15/82	2	0.38	0.38	0.41	0.35	0.002	0.042	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/14/82-07/15/82	2	158.	158.	168.	148.	200.	14.142	**	**	**	**
00910	CALCIUM (MG/L AS CACO3)	07/14/82-07/15/82	2	116.9	116.9	133.3	100.5	537.92	23.193	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/14/82-07/15/82	2	6.45	6.45	7.	5.9	0.605	0.778	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	07/14/82-07/15/82	2	23.6	23.6	25.2	22.	5.12	2.263	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	07/14/82-07/15/82	2	8.45	8.45	9.7	7.2	3.125	1.768	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/14/82-07/15/82	2	18.	18.	22.	14.	32.	5.657	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/14/82-07/15/82	2	26.5	26.5	28.	25.	4.5	2.121	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/14/82-07/15/82	2	0.385	0.385	0.44	0.33	0.006	0.078	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	07/14/82-07/15/82	2	0.003	0.003	0.003	0.002	0.	0.001	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	07/14/82-07/15/82	2	0.035	0.035	0.04	0.03	0.	0.007	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	07/14/82-07/14/82	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/16/81-11/16/81	1	13.	13.	13.	13.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/14/82-07/15/82	2	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/14/82-07/15/82	2	0.02	0.02	0.03	0.01	0.	0.014	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11/16/81-11/16/81	1	9.	9.	9.	9.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/14/82-07/15/82	2	0.95	0.95	1.	0.9	0.005	0.071	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/14/82-07/15/82	2	0.035	0.035	0.06	0.01	0.001	0.035	**	**	**	**
01054	MANGANESE, SUSPENDED (UG/L AS MN)	11/16/81-11/16/81	1	19.	19.	19.	19.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	07/14/82-07/15/82	2	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	07/15/82-07/15/82	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0157

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/16/81-11/16/81	1	9.	9.	9.	9.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	07/14/82-07/15/82	2	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	07/14/82-07/15/82	2	0.3	0.3	0.4	0.2	0.02	0.141	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/14/82-07/15/82	2	20300.	20300.	24600.	16000.	36980000.	6081.118	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/14/82-07/15/82	2	4.298	4.298	4.391	4.204	0.017	0.132	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			19839.355								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/14/82-07/15/82	2	9000.	9000.	12000.	6000.	18000000.	4242.641	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/14/82-07/15/82	2	3.929	3.929	4.079	3.778	0.045	0.213	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			8485.281								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/14/82-07/15/82	2	4420.	4420.	6000.	2840.	4992800.	2234.457	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/14/82-07/15/82	2	3.616	3.616	3.778	3.453	0.053	0.23	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			4127.953								
34208	ACENAPHTHENE DRY WGTBOTUG/KG	11/16/81-11/16/81	1	3700.	3700.	3700.	3700.	0.	0.	**	**	**	**
34223	ANTHRACENE DRY WGTBOTUG/KG	11/16/81-11/16/81	1	51600.	51600.	51600.	51600.	0.	0.	**	**	**	**
34379	FLUORANTHENE DRY WGTBOTUG/KG	11/16/81-11/16/81	1	13000.	13000.	13000.	13000.	0.	0.	**	**	**	**
34384	FLUORENE DRY WGTBOTUG/KG	11/16/81-11/16/81	1	59000.	59000.	59000.	59000.	0.	0.	**	**	**	**
34472	PYRENE DRY WGTBOTUG/KG	11/16/81-11/16/81	1	22600.	22600.	22600.	22600.	0.	0.	**	**	**	**
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	07/14/82-07/14/82	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	07/14/82-07/14/82	1	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0157

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00	2	0	0.00									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	2	1.00	2	2	1.00									
00400	PH	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	1	0.50	2	1	0.50									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00	2	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00									
		Drinking Water	250.	2	0	0.00	2	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00	2	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00	2	0	0.00									
01002	ARSENIC, TOTAL	Fresh Acute	360.	2	0	0.00	2	0	0.00									
		Drinking Water	50.	2	0	0.00	2	0	0.00									
01007	BARIUM, TOTAL	Drinking Water	2000.	2	0	0.00	2	0	0.00									
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	2	0	0.00	2	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	2	0	0.00	2	0	0.00									
		Drinking Water	1300.	2	0	0.00	2	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	2	0	0.00	2	0	0.00									
		Drinking Water	15.	2	0	0.00	2	0	0.00									
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	2	0	0.00	2	0	0.00									
		Drinking Water	5000.	2	0	0.00	2	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	2	1.00	2	2	1.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	2	2	1.00	2	2	1.00									
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0158

NPS Station ID: CHCH0158
LAT/LON: 35.016670/ -85.303615
Agency: 21TNWQ
Date Created: 10/01/83
Location: CHATTANOOGA CREEK 2.7 QUAD 105SE
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM/TISSUE
STORET Station ID(s): CHATTCRIS05
RMI-Indexes: 1021500 007720 00920 6140
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 002.70
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 19.50
On/Off RF1:
RF3 Index: 06020001130500.74
RF3 Mile Point: 0.75
Distance from RF3: 0.01
On/Off RF3:
Description:
TENN DIVISION OF WATER MANAGEMENT LIBRARY FILE INDEX NO. BG0.12

Parameter Inventory for Station: CHCH0158

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/14/82-07/15/82	2	25.	25.	25.	25.	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/14/82-07/15/82	2	6.05	6.05	7.9	4.2	6.845	2.616	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	07/14/82-07/15/82	2	57.	57.	57.	57.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/14/82-07/15/82	2	6.5	6.5	7.	6.	0.5	0.707	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	07/14/82-07/15/82	2 ##	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	07/14/82-07/15/82	2	8.	8.	11.	5.	18.	4.243	**	**	**	**
00400	PH (STANDARD UNITS)	07/14/82-07/15/82	2	7.	7.	7.1	6.9	0.02	0.141	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/14/82-07/15/82	2	6.989	6.989	7.1	6.9	0.02	0.142	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/14/82-07/15/82	2	0.103	0.103	0.126	0.079	0.001	0.033	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/14/82-07/15/82	2	106.5	106.5	108.	105.	4.5	2.121	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	07/14/82-07/15/82	2	164.	164.	167.	161.	18.	4.243	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/14/82-07/15/82	2	14.	14.	21.	7.	98.	9.899	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/14/82-07/15/82	2	0.05	0.05	0.09	0.01	0.003	0.057	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/14/82-07/15/82	2	0.17	0.17	0.27	0.07	0.02	0.141	**	**	**	**
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	07/14/82-07/15/82	2	0.45	0.45	0.5	0.4	0.005	0.071	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/14/82-07/15/82	2	0.1	0.1	0.14	0.06	0.003	0.057	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/14/82-07/15/82	2	118.	118.	129.	107.	242.	15.556	**	**	**	**
00910	CALCIUM (MG/L AS CACO3)	07/14/82-07/15/82	2	77.95	77.95	88.2	67.7	210.125	14.496	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/14/82-07/15/82	2	7.45	7.45	7.6	7.3	0.045	0.212	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	07/14/82-07/15/82	2	8.	8.	8.7	7.3	0.98	0.99	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	07/14/82-07/15/82	2	5.85	5.85	10.	1.7	34.445	5.869	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/14/82-07/15/82	2	10.	10.	10.	10.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/14/82-07/15/82	2	31.	31.	32.	30.	2.	1.414	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/14/82-07/15/82	2	0.15	0.15	0.17	0.13	0.001	0.028	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	07/14/82-07/14/82	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	07/15/82-07/15/82	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/16/81-11/16/81	1	140.	140.	140.	140.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/14/82-07/15/82	2	0.004	0.004	0.006	0.002	0.	0.003	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/14/82-07/15/82	2	0.006	0.006	0.01	0.002	0.	0.006	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11/16/81-11/16/81	1	61.	61.	61.	61.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/14/82-07/15/82	2	0.7	0.7	1.	0.4	0.18	0.424	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/15/82-07/15/82	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
01054	MANGANESE, SUSPENDED (UG/L AS MN)	11/16/81-11/16/81	1	125.	125.	125.	125.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	07/14/82-07/15/82	2	0.2	0.2	0.3	0.1	0.02	0.141	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	07/15/82-07/15/82	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/16/81-11/16/81	1	67.	67.	67.	67.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0158

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01092	ZINC, TOTAL (UG/L AS ZN)	07/14/82-07/15/82	2	0.025	0.025	0.04	0.01	0.	0.021	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	07/14/82-07/15/82	2	0.45	0.45	0.7	0.2	0.125	0.354	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/14/82-07/15/82	2	2685.	2685.	2800.	2570.	26450.	162.635	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/14/82-07/15/82	2	3.429	3.429	3.447	3.41	0.001	0.026	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2682.536								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/14/82-07/14/82	1	480.	480.	480.	480.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/14/82-07/14/82	1	2.681	2.681	2.681	2.681	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			480.								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/14/82-07/15/82	2	412.	412.	580.	244.	56448.	237.588	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/14/82-07/15/82	2	2.575	2.575	2.763	2.387	0.071	0.266	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			376.191								
34208	ACENAPHTHENE DRY WGTBOTUG/KG	11/16/81-11/16/81	1	65000.	65000.	65000.	65000.	0.	0.	**	**	**	**
34223	ANTHRACENE DRY WGTBOTUG/KG	11/16/81-11/16/81	1	680000.	680000.	680000.	680000.	0.	0.	**	**	**	**
34374	ETHYLBENZENE DRY WGTBOTUG/KG	11/16/81-11/16/81	1	13.5	13.5	13.5	13.5	0.	0.	**	**	**	**
34379	FLUORANTHENE DRY WGTBOTUG/KG	11/16/81-11/16/81	1	402000.	402000.	402000.	402000.	0.	0.	**	**	**	**
34384	FLUORENE DRY WGTBOTUG/KG	11/16/81-11/16/81	1	676000.	676000.	676000.	676000.	0.	0.	**	**	**	**
34464	PHENANTHRENE DRY WGTBOTUG/KG	11/16/81-11/16/81	1	685000.	685000.	685000.	685000.	0.	0.	**	**	**	**
34472	PYRENE DRY WGTBOTUG/KG	11/16/81-11/16/81	1	359000.	359000.	359000.	359000.	0.	0.	**	**	**	**
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	07/14/82-07/14/82	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0158

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00	2	0	0.00									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	2	0	0.00									
00400	PH	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00	2	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00									
		Drinking Water	250.	2	0	0.00	2	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00	2	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00	2	0	0.00									
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01007	BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00	1	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	2	0	0.00	2	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	2	0	0.00	2	0	0.00									
		Drinking Water	1300.	2	0	0.00	2	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	1	0	0.00	1	0	0.00									
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	2	0	0.00	2	0	0.00									
		Drinking Water	5000.	2	0	0.00	2	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	2	1.00	2	2	1.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	1	1.00	1	1	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0159

NPS Station ID: CHCH0159
LAT/LON: 35.017226/ -85.249726
Agency: 112WRD
Date Created: 01/30/93
Location: SPRING CR TRIB AT LERCH ST AT CHATTANOOGA, TN
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 03567495
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 2.30
On/Off RF1:
RF3 Index: 06020001000206.82
RF3 Mile Point: 6.93
Distance from RF3: 0.10
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0159

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/92-04/15/93	21	16.	16.714	24.5	11.	21.289	4.614	11.5	12.	22.5	23.
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/21/92-04/15/93	19	0.2	0.652	8.	0.05	3.221	1.795	0.06	0.08	0.4	1.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/21/92-04/15/93	21	210.	182.905	278.	45.	5068.19	71.191	81.	125.	247.	268.
00340	COD, .25N K2CR2O7 MG/L	08/21/92-04/15/93	3	110.	149.	240.	97.	6253.	79.076	**	**	**	**
00400	PH (STANDARD UNITS)	08/21/92-04/15/93	3	8.1	8.167	8.5	7.9	0.093	0.306	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/21/92-04/15/93	3	8.1	8.102	8.5	7.9	0.1	0.315	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/21/92-04/15/93	3	0.008	0.008	0.013	0.003	0.	0.005	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/21/92-04/15/93	3	7.2	7.2	7.6	6.8	0.16	0.4	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/21/92-04/15/93	3	7.2	7.085	7.6	6.8	0.18	0.424	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/21/92-04/15/93	3	0.063	0.082	0.158	0.025	0.005	0.069	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/21/92-04/15/93	3	164.	187.333	356.	42.	25057.333	158.295	**	**	**	**
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	08/21/92-04/15/93	3 ##	0.5	2.	5.	0.5	6.75	2.598	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/04/93-04/15/93	2	0.325	0.325	0.53	0.12	0.084	0.29	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/21/92-08/21/92	1	0.24	0.24	0.24	0.24	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/04/93-04/15/93	2	0.075	0.075	0.11	0.04	0.002	0.049	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/21/92-08/21/92	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/21/92-04/15/93	3	1.1	1.5	3.3	0.1	2.68	1.637	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/21/92-08/21/92	1	0.95	0.95	0.95	0.95	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/04/93-04/15/93	2	1.25	1.25	1.4	1.1	0.045	0.212	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/21/92-04/15/93	3	0.3	0.283	0.46	0.09	0.034	0.186	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/21/92-04/15/93	3	0.22	0.213	0.38	0.04	0.029	0.17	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/21/92-04/15/93	3	30.	37.	56.	25.	277.	16.643	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	08/21/92-04/15/93	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/21/92-04/15/93	3	26.	22.967	33.	9.9	140.303	11.845	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/21/92-04/15/93	3	2.5	2.3	3.4	1.	1.47	1.212	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/21/92-04/15/93	3	5.3	4.767	8.1	0.9	13.173	3.63	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/21/92-04/15/93	3	2.9	3.267	5.4	1.5	3.903	1.976	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/21/92-04/15/93	3	7.	8.	15.	2.	43.	6.557	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/21/92-04/15/93	3	18.	16.333	23.	8.	58.333	7.638	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	08/21/92-04/15/93	3	1.	1.167	2.	0.5	0.583	0.764	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	08/21/92-04/15/93	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	08/21/92-04/15/93	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/21/92-04/15/93	3	6.	6.333	11.	2.	20.333	4.509	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/21/92-04/15/93	3	7.	9.	14.	6.	19.	4.359	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	01/04/93-04/15/93	2	15.5	15.5	16.	15.	0.5	0.707	**	**	**	**
01059	THALLIUM, TOTAL (UG/L AS TL)	08/21/92-04/15/93	3 ##	5.	4.167	5.	2.5	2.083	1.443	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	08/21/92-04/15/93	3	3.	2.667	3.	2.	0.333	0.577	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	08/21/92-04/15/93	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0159

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01092	ZINC, TOTAL (UG/L AS ZN)	08/21/92-04/15/93	3	80.	73.333	90.	50.	433.333	20.817	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	08/21/92-04/15/93	3 ##	1.	0.833	1.	0.5	0.083	0.289	**	**	**	**
30217	DIBROMOMETHANE, WATER, WHOLE, RECOVERABLE UG/L	08/21/92-04/15/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	08/21/92-04/15/93	4	7700.	42150.	150000.	3200.	5174650000.	71935.04	**	**	**	**
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	08/21/92-04/15/93	4	3.884	4.112	5.176	3.505	0.537	0.733	**	**	**	**
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			12943.811								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/21/92-04/15/93	4	4500.	53250.	200000.	4000.	9571443333.333	97833.754	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/21/92-04/15/93	4	3.653	4.052	5.301	3.602	0.694	0.833	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			11276.234								
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	08/21/92-04/15/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	08/21/92-04/15/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	08/21/92-04/15/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
32104	BROMOFORM,WHOLE WATER,UG/L	08/21/92-04/15/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	08/21/92-04/15/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
32106	CHLOROFORM,WHOLE WATER,UG/L	08/21/92-04/15/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	08/21/92-04/15/93	2	3.5	3.5	4.	3.	0.5	0.707	**	**	**	**
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	08/21/92-04/15/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	08/21/92-04/15/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34200	ACENAPHTHYLENE TOTWUG/L	08/21/92-04/15/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34205	ACENAPHTHENE TOTWUG/L	08/21/92-04/15/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34210	ACROLEIN TOTWUG/L	08/21/92-04/15/93	3 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34215	ACRYLONITRILE TOTWUG/L	08/21/92-04/15/93	3 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34220	ANTHRACENE TOTWUG/L	08/21/92-04/15/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	08/21/92-04/15/93	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	08/21/92-04/15/93	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34247	BENZO-A-PYRENE TOTWUG/L	08/21/92-04/15/93	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	08/21/92-01/04/93	2 ##	0.045	0.045	0.045	0.045	0.	0.	**	**	**	**
34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	08/21/92-04/15/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	08/21/92-04/15/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	08/21/92-04/15/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	08/21/92-04/15/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34301	CHLOROBENZENE TOTWUG/L	08/21/92-04/15/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34311	CHLOROETHANE TOTWUG/L	08/21/92-04/15/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34320	CHRYSENE TOTWUG/L	08/21/92-04/15/93	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34336	DIETHYL PHTHALATE TOTWUG/L	08/21/92-04/15/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34341	DIMETHYL PHTHALATE TOTWUG/L	08/21/92-04/15/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34351	ENDOSULFAN SULFATE TOTWUG/L	08/21/92-01/04/93	2 ##	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
34356	ENDOSULFAN, BETA TOTWUG/L	08/21/92-01/04/93	2 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
34361	ENDOSULFAN, ALPHA TOTWUG/L	08/21/92-01/04/93	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34366	ENDRIN ALDEHYDE TOTWUG/L	08/21/92-01/04/93	2 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	08/21/92-04/15/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34376	FLUORANTHENE TOTWUG/L	08/21/92-04/15/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34381	FLUORENE TOTWUG/L	08/21/92-04/15/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	08/21/92-04/15/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34396	HEXACHLOROETHANE TOTWUG/L	08/21/92-04/15/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	08/21/92-04/15/93	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34408	ISOPHORONE TOTWUG/L	08/21/92-04/15/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34413	METHYL BROMIDE TOTWUG/L	08/21/92-04/15/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34418	METHYL CHLORIDE TOTWUG/L	08/21/92-04/15/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34423	METHYLENE CHLORIDE TOTWUG/L	08/21/92-04/15/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	08/21/92-04/15/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34433	N-NITROSODIPHENYLAMINE TOTWUG/L	08/21/92-04/15/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34438	N-NITROSODIMETHYLAMINE TOTWUG/L	08/21/92-04/15/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34447	NITROBENZENE TOTWUG/L	08/21/92-04/15/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34452	PARACHLOROMETA CRESOL TOTWUG/L	08/21/92-04/15/93	3 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
34461	PHENANTHRENE TOTWUG/L	08/21/92-04/15/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34469	PYRENE TOTWUG/L	08/21/92-04/15/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34475	TETRACHLOROETHYLENE TOTWUG/L	08/21/92-04/15/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	08/21/92-04/15/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34496	1,1-DICHLOROETHANE TOTWUG/L	08/21/92-04/15/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34501	1,1-DICHLOROETHYLENE TOTWUG/L	08/21/92-04/15/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	08/21/92-04/15/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	08/21/92-04/15/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0159

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	08/21/92-04/15/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	08/21/92-04/15/93	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	08/21/92-04/15/93	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34536	1,2-DICHLOROBENZENE TOTWUG/L	08/21/92-04/15/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34541	1,2-DICHLOROPROPANE TOTWUG/L	08/21/92-04/15/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	08/21/92-04/15/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	08/21/92-04/15/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	08/21/92-04/15/93	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34566	1,3-DICHLOROBENZENE TOTWUG/L	08/21/92-04/15/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34571	1,4-DICHLOROBENZENE TOTWUG/L	08/21/92-04/15/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	08/21/92-04/15/93	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34581	2-CHLORONAPHTHALENE TOTWUG/L	08/21/92-04/15/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34586	2-CHLOROPHENOL TOTWUG/L	08/21/92-04/15/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34591	2-NITROPHENOL TOTWUG/L	08/21/92-04/15/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34596	DI-N-OCTYL PHTHALATE TOTWUG/L	08/21/92-04/15/93	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34601	2,4-DICHLOROPHENOL TOTWUG/L	08/21/92-04/15/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34606	2,4-DIMETHYLPHENOL TOTWUG/L	08/21/92-04/15/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34611	2,4-DINITROTOLUENE TOTWUG/L	08/21/92-04/15/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34616	2,4-DINITROPHENOL TOTWUG/L	08/21/92-04/15/93	3 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	08/21/92-04/15/93	3 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34626	2,6-DINITROTOLUENE TOTWUG/L	08/21/92-04/15/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	08/21/92-04/15/93	3 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	08/21/92-04/15/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	08/21/92-04/15/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34646	4-NITROPHENOL TOTWUG/L	08/21/92-04/15/93	3 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	08/21/92-04/15/93	3 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
34668	DICHLORODIFUOROMETHANE TOTWUG/L	08/21/92-04/15/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34671	PCB - 1016 TOTWUG/L	08/21/92-01/04/93	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	08/21/92-04/15/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34696	NAPHTHALENE TOTWUG/L	08/21/92-04/15/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	08/21/92-04/15/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	08/21/92-04/15/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	08/21/92-04/15/93	3 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
39062	CHLORDANE-CIS ISOMER,WHOLE WATER SAMPL (UG/L)	08/21/92-01/04/93	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39065	CHLORDANE-TRNS ISOMER,WHOLE WATER SAMPL (UG/L)	08/21/92-01/04/93	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	08/21/92-04/15/93	3 ##	2.5	4.	7.	2.5	6.75	2.598	**	**	**	**
39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	08/21/92-04/15/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	08/21/92-04/15/93	3 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	08/21/92-04/15/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	08/21/92-04/15/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	08/21/92-01/04/93	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	08/21/92-01/04/93	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	08/21/92-01/04/93	2 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	08/21/92-01/04/93	2 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	08/21/92-01/04/93	2 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	08/21/92-01/04/93	2 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	08/21/92-01/04/93	2 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	08/21/92-01/04/93	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	08/21/92-01/04/93	2 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	08/21/92-01/04/93	2 ##	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	08/21/92-01/04/93	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	08/21/92-01/04/93	2 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	08/21/92-01/04/93	2 ##	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	08/21/92-01/04/93	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	08/21/92-01/04/93	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	08/21/92-01/04/93	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	08/21/92-01/04/93	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	08/21/92-01/04/93	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	08/21/92-01/04/93	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	08/21/92-04/15/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE(UG/L)	08/21/92-04/15/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/21/92-04/15/93	3	107.	114.667	181.	56.	3950.333	62.852	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	08/21/92-04/15/93	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0159

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	08/21/92-04/15/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77128	STYRENE WHOLE WATER,UG/L	08/21/92-04/15/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77168	1,1-DICHLOROPROPENE WHOLE WATER,UG/L	08/21/92-04/15/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77170	2,2-DICHLOROPROPANE WHOLE WATER,UG/L	08/21/92-04/15/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77173	1,3-DICHLOROPROPANE WHOLE WATER,UG/L	08/21/92-04/15/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77222	1,2,4-TRIMETHYLBENZENE WHOLE WATER,UG/L	08/21/92-04/15/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77223	ISOPROPYLBENZENE WHOLE WATER,UG/L	08/21/92-04/15/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77224	N-PROPYLBENZENE WHOLE WATER,UG/L	08/21/92-04/15/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77226	1,3,5-TRIMETHYLBENZENE WHOLE WATER,UG/L	08/21/92-04/15/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77275	1-METHYL-2-CHLOROBENZENE (O-CHLOR*WHOLE WATER,UG/L	08/21/92-04/15/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77277	1-METHYL-4-CHLOROBENZENE (P-CHLOR*WHOLE WATER,UG/L	08/21/92-04/15/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77342	N-BUTYLBENZENE WHOLE WATER,UG/L	08/21/92-04/15/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77350	SEC-BUTYLBENZENE WHOLE WATER,UG/L	08/21/92-04/15/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77353	TERT-BUTYLBENZENE WHOLE WATER,UG/L	08/21/92-04/15/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77356	1-METHYL-4-ISOPROPYLBENZENE WHOLE WATER,UG/L	08/21/92-04/15/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77443	1,2,3-TRICHLOROPROPANE WHOLE WATER,UG/L	08/21/92-04/15/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77562	1,1,1,2-TETRACHLOROETHANE WHOLE WATER,UG/L	08/21/92-04/15/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77613	1,2,3-TRICHLOROBENZENE WHOLE WATER,UG/L	08/21/92-04/15/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	08/21/92-04/15/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77652	1,1,2-TRICHLORO-1,2,2-TRIFLUOROET*WHOLE WATER,UG/L	01/04/93-04/15/93	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
80082	BOD, CARBONACEOUS, 5 DAY, 20 DEG C MG/L	08/21/92-04/15/93	3	35.5	50.167	84.	31.	863.583	29.387	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	08/21/92-04/15/93	19	30.	61.526	241.	6.	4294.152	65.53	14.	21.	84.	207.
81551	XYLENE WHL WATER SMPL UG/L	08/21/92-04/15/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
81555	BROMOBENZENE WHL WATER SMPL UG/L	08/21/92-04/15/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82625	DIBROMOCHLOROPROPANE, WATER,TOTAL RECOVERABLE,UG/L	08/21/92-04/15/93	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82626	1,2-DIPHENYLHYDRAZINE,WATER,TOTAL RECOVERABLE,UG/L	08/21/92-04/15/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0159

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
00403	PH, LAB	Fresh Chronic	9.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	2	0	0.00				1	0	0.00	1	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00				1	0	0.00	1	0	0.00			
00720	CYANIDE, TOTAL	Fresh Acute	0.022	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	0.2	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	250.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	50.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	4.	0 &	0	0.00												
01027	CADMIUM, TOTAL	Fresh Acute	3.9	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	5.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	1300.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	2	0	0.00				1	0	0.00	1	0	0.00			
		Drinking Water	15.	2	2	1.00				1	1	1.00	1	1	1.00			
01059	THALLIUM, TOTAL	Fresh Acute	1400.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	2.	0 &	0	0.00												
01067	NICKEL, TOTAL	Fresh Acute	1400.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	100.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0159

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01077	SILVER, TOTAL	Fresh Acute	4.1	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	100.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	5000.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	50.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	4	4	1.00	1	1	1.00	2	2	1.00	1	1	1.00			
32101	BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
32102	CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	5.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
32103	1,2-DICHLOROETHANE,WHOLE WATER	Fresh Acute	118000.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	5.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
32104	BROMOFORM, WHOLE WATER	Drinking Water	100.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
32105	DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
32106	CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	100.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	1000.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34205	ACENAPHTHENE, TOTAL	Fresh Acute	1700.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34210	ACROLEIN, TOTAL	Fresh Acute	68.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34215	ACRYLONITRILE, TOTAL	Fresh Acute	7550.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34301	CHLOROBENZENE, TOTAL	Drinking Water	100.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34356	ENDOSULFAN, BETA, TOTAL	Fresh Acute	0.22	2	0	0.00	1	0	0.00	1	0	0.00						
34361	ENDOSULFAN, ALPHA, TOTAL	Fresh Acute	0.22	2	0	0.00	1	0	0.00	1	0	0.00						
34371	ETHYLBENZENE, TOTAL	Fresh Acute	32000.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	700.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34376	FLUORANTHENE, TOTAL	Fresh Acute	3980.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL	Fresh Acute	7.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	50.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34396	HEXACHLOROETHANE, TOTAL	Fresh Acute	980.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34403	INDENO (1,2,3-CD) PYRENE, TOTAL	Drinking Water	0.4	0 &	0	0.00												
34408	ISOPHORONE, TOTAL	Fresh Acute	117000.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34423	METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34447	NITROBENZENE, TOTAL	Fresh Acute	27000.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34452	PARACHLOROMETA CRESOL, TOTAL	Fresh Acute	30.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34461	PHENANTHRENE, TOTAL	Fresh Acute	30.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34475	TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	5.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34501	1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34506	1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34511	1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34536	1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34541	1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34551	1,2,4-TRICHLOROBENZENE, TOTAL	Drinking Water	70.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34566	1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34571	1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34586	2-CHLOROPHENOL, TOTAL	Fresh Acute	4380.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34601	2,4-DICHLOROPHENOL, TOTAL	Fresh Acute	2020.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34606	2,4-DIMETHYLPHENOL, TOTAL	Fresh Acute	2120.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34611	2,4-DINITROTOLUENE, TOTAL	Fresh Acute	330.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34694	PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	Fresh Acute	10200.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34696	NAPHTHALENE, TOTAL	Fresh Acute	2300.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	1.	0 &	0	0.00												
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	Fresh Acute	2000.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	6.	3	1	0.33	1	0	0.00	1	1	1.00	1	0	0.00			
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0159

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	5.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
39300	P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	2	0	0.00	1	0	0.00	1	0	0.00						
39310	P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	2	0	0.00	1	0	0.00	1	0	0.00						
39320	P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	2	0	0.00	1	0	0.00	1	0	0.00						
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	2	0	0.00	1	0	0.00	1	0	0.00						
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	0.2	2	0	0.00	1	0	0.00	1	0	0.00						
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	2.	2	0	0.00	1	0	0.00	1	0	0.00						
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	2	0	0.00	1	0	0.00	1	0	0.00						
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	2.	2	0	0.00	1	0	0.00	1	0	0.00						
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	0 &	0	0.00												
		Drinking Water	3.	2	0	0.00	1	0	0.00	1	0	0.00						
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	0.4	2	0	0.00	1	0	0.00	1	0	0.00						
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	0.2	0 &	0	0.00												
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	1.	0 &	0	0.00												
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPL	Fresh Acute	90.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	2.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
77093	CIS-1,2-DICHLOROETHYLENE, WHOLE WATER	Drinking Water	70.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
77128	STYRENE, WHOLE WATER	Drinking Water	100.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
77651	1,2-DIBROMOETHANE, WHOLE WATER	Drinking Water	0.05	0 &	0	0.00												
82625	DIBROMOCHLOROPROPANE, WATER, TOTAL RECOV	Drinking Water	0.2	0 &	0	0.00												

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0160

NPS Station ID: CHCH0160
LAT/LON: 35.017226/ -85.292781
Agency: 21TNWQ
Date Created: 10/01/83
Location: DOBBS BRANCH 0.82 QUAD 105SE
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM/TISSUE
STORET Station ID(s): CHATTCRIS03
RMI-Indexes: 1021500 007720 00920 6140 0050
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 002.09 000.82
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 13.50
On/Off RF1:
RF3 Index: 06020001124402.18
RF3 Mile Point: 2.24
Distance from RF3: 0.03
On/Off RF3:
Description:
TENN DIVISION OF WATER MANAGEMENT LIBRARY FILE INDEX NO. BG0.12

Parameter Inventory for Station: CHCH0160

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/14/82-07/15/82	2	23.	23.	23.	23.	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/14/82-07/15/82	2	2.95	2.95	3.2	2.7	0.125	0.354	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	07/14/82-07/15/82	2	39.	39.	45.	33.	72.	8.485	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/14/82-07/15/82	2	4.	4.	4.3	3.7	0.18	0.424	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	07/14/82-07/15/82	2	1.	1.	1.	1.	0.	0.	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	07/14/82-07/15/82	2	11.	11.	14.	8.	18.	4.243	**	**	**	**
00400	PH (STANDARD UNITS)	07/14/82-07/15/82	2	6.65	6.65	6.9	6.4	0.125	0.354	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/14/82-07/15/82	2	6.582	6.582	6.9	6.4	0.134	0.367	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/14/82-07/15/82	2	0.262	0.262	0.398	0.126	0.037	0.192	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/14/82-07/15/82	2	196.5	196.5	197.	196.	0.5	0.707	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	07/14/82-07/15/82	2	285.	285.	286.	284.	2.	1.414	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/14/82-07/15/82	2	3.5	3.5	6.	1.	12.5	3.536	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/14/82-07/15/82	2	0.46	0.46	0.81	0.11	0.245	0.495	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/14/82-07/15/82	2	0.18	0.18	0.31	0.05	0.034	0.184	**	**	**	**
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	07/14/82-07/15/82	2	0.7	0.7	0.9	0.5	0.08	0.283	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/14/82-07/15/82	2	0.08	0.08	0.11	0.05	0.002	0.042	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/14/82-07/15/82	2	176.	176.	178.	174.	8.	2.828	**	**	**	**
00910	CALCIUM (MG/L AS CACO3)	07/14/82-07/15/82	2	91.25	91.25	141.5	41.	5050.125	71.064	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/14/82-07/15/82	2	7.35	7.35	7.6	7.1	0.125	0.354	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	07/14/82-07/15/82	2	15.55	15.55	16.	15.1	0.405	0.636	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	07/14/82-07/15/82	2	3.15	3.15	4.6	1.7	4.205	2.051	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/14/82-07/15/82	2	22.5	22.5	23.	22.	0.5	0.707	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/14/82-07/15/82	2	25.	25.	26.	24.	2.	1.414	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/14/82-07/15/82	2	0.3	0.3	0.35	0.25	0.005	0.071	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	07/14/82-07/14/82	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	07/14/82-07/15/82	2	0.03	0.03	0.04	0.02	0.	0.014	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	07/14/82-07/14/82	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/16/81-11/16/81	1	17.	17.	17.	17.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/14/82-07/15/82	2	0.003	0.003	0.004	0.002	0.	0.001	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/14/82-07/15/82	2	0.009	0.009	0.01	0.008	0.	0.001	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11/16/81-11/16/81	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/14/82-07/15/82	2	0.45	0.45	0.5	0.4	0.005	0.071	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/14/82-07/15/82	2	0.035	0.035	0.04	0.03	0.	0.007	**	**	**	**
01054	MANGANESE, SUSPENDED (UG/L AS MN)	11/16/81-11/16/81	1	19.	19.	19.	19.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	07/14/82-07/15/82	2	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	07/15/82-07/15/82	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0160

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/16/81-11/16/81	1	27.	27.	27.	27.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	07/14/82-07/15/82	2	0.115	0.115	0.2	0.03	0.014	0.12	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	07/14/82-07/15/82	2	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/14/82-07/15/82	2	12500.	12500.	16000.	9000.	24500000.	4949.747	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/14/82-07/15/82	2	4.079	4.079	4.204	3.954	0.031	0.177	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			12000.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/14/82-07/15/82	2	7695.	7695.	12000.	3390.	37066050.	6088.189	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/14/82-07/15/82	2	3.805	3.805	4.079	3.53	0.151	0.388	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			6378.087								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/14/82-07/15/82	2	5900.	5900.	6400.	5400.	500000.	707.107	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/14/82-07/15/82	2	3.769	3.769	3.806	3.732	0.003	0.052	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			5878.775								
34208	ACENAPHTHENE DRY WGTBOTUG/KG	11/16/81-11/16/81	1	3800.	3800.	3800.	3800.	0.	0.	**	**	**	**
34223	ANTHRACENE DRY WGTBOTUG/KG	11/16/81-11/16/81	1	52700.	52700.	52700.	52700.	0.	0.	**	**	**	**
34237	BENZENE DRY WGTBOTUG/KG	11/16/81-11/16/81	1	8.	8.	8.	8.	0.	0.	**	**	**	**
34379	FLUORANTHENE DRY WGTBOTUG/KG	11/16/81-11/16/81	1	15400.	15400.	15400.	15400.	0.	0.	**	**	**	**
34384	FLUORENE DRY WGTBOTUG/KG	11/16/81-11/16/81	1	61000.	61000.	61000.	61000.	0.	0.	**	**	**	**
34472	PYRENE DRY WGTBOTUG/KG	11/16/81-11/16/81	1	54700.	54700.	54700.	54700.	0.	0.	**	**	**	**
34483	TOLUENE DRY WGTBOTUG/KG	11/16/81-11/16/81	1	12.	12.	12.	12.	0.	0.	**	**	**	**
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	07/14/82-07/14/82	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	07/14/82-07/14/82	1	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0160

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00	2	0	0.00									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	1	0.50	2	1	0.50									
00400	PH	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	1	0.50	2	1	0.50									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00	2	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00									
		Drinking Water	250.	2	0	0.00	2	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00	2	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00	2	0	0.00									
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01007	BARIUM, TOTAL	Drinking Water	2000.	2	0	0.00	2	0	0.00									
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	2	0	0.00	2	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	2	0	0.00	2	0	0.00									
		Drinking Water	1300.	2	0	0.00	2	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	2	0	0.00	2	0	0.00									
		Drinking Water	15.	2	0	0.00	2	0	0.00									
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	2	0	0.00	2	0	0.00									
		Drinking Water	5000.	2	0	0.00	2	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	2	1.00	2	2	1.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	2	2	1.00	2	2	1.00									
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0161

NPS Station ID: CHCH0161 | LAT/LON: 35.017309/ -85.342809 | Agency: 11NPSWRD | Date Created: 04/03/99
Location: TNHM503R | | FIPS State/County: 47065 TENNESSEE/HAMILTON |
Station Type: /TYPA/AMBNT/SPRING | | STORET Station ID(s): CHCH_NURE_02 /4084860 |
RMI-Indexes: | | Within Park Boundary: No |
RMI-Miles: | | |
HUC: 06020001 | Depth of Water: 0 | Aquifer: |
Major Basin: TENNESSEE RIVER | Elevation: 0 | Water Body Id: |
Minor Basin: TENNESSEE R-MAIN STEM & MINOR TRIBS | | ECO Region: |
RF1 Index: 06020001 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 06020001011302.01 | RF3 Mile Point: 3.41 | Distance from RF3: 0.11 | On/Off RF3:

Description:
THE STATION IS LOCATED ON THE CHATTANOOGA TENNESSEE 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THIS SITE IS AT A SPRING AND IS LOCATED OUTSIDE OF THE CHICKAMAUGA AND CHATTANOOGA NATIONAL MILITARY PARK BOUNDARIES. EACH SAMPLE WAS FILTERED THROUGH A LESS THAN OR EQUAL TO 0.8 UM FILTER AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATABASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K.D. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATABASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUNDWATER DATA. THE "UNIQID" ENTRY WAS USED TO CREATE THE SECONARY STATION NAME. THE "SRLID" (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) ENTRY WAS USED TO CREATE THE LOCATION. SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY RONDA BURNS; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FT. COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: CHCH0161

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/78-09/19/78	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/19/78-09/19/78	1	240.	240.	240.	240.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	09/19/78-09/19/78	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	09/19/78-09/19/78	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/78-09/19/78	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/19/78-09/19/78	1	145.	145.	145.	145.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/19/78-09/19/78	1	3.2	3.2	3.2	3.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/19/78-09/19/78	1	2.08	2.08	2.08	2.08	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/19/78-09/19/78	1	104.	104.	104.	104.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	09/19/78-09/19/78	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/19/78-09/19/78	1	91.	91.	91.	91.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/19/78-09/19/78	1	0.339	0.339	0.339	0.339	0.	0.	**	**	**	**
50700	FLUORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	09/19/78-09/19/78	1	67.	67.	67.	67.	0.	0.	**	**	**	**
50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	09/19/78-09/19/78	1	2400.	2400.	2400.	2400.	0.	0.	**	**	**	**
82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	09/19/78-09/19/78	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0161

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0162

NPS Station ID: CHCH0162
LAT/LON: 35.017781/ -85.305003
Agency: 1113S000
Date Created: / /
Location: CHATT CK END OF RR SPUR AT M 2.5
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 470214 /C-2.5
RMI-Indexes: 1021500 007720 00920 6140
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 002.50
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 15.80
On/Off RF1:
RF3 Index: 06020001130500.74
RF3 Mile Point: 1.41
Distance from RF3: 0.62
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0162

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/27/73-03/07/73	7	1.	0.857	1.	0.	0.143	0.378	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/27/73-03/07/73	7	11.	11.786	14.	9.5	3.905	1.976	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/27/73-03/07/73	7	19.	32.	115.	11.	1397.	37.376	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/27/73-03/07/73	7	275.	269.286	385.	185.	6303.571	79.395	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	02/27/73-03/07/73	7	7.1	7.286	8.1	6.8	0.201	0.449	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	02/27/73-03/07/73	7	3.7	4.329	7.5	2.4	3.186	1.785	**	**	**	**
00400	PH (STANDARD UNITS)	02/27/73-03/07/73	7	7.	6.957	7.3	6.2	0.123	0.351	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/27/73-03/07/73	7	7.	6.788	7.3	6.2	0.156	0.395	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/27/73-03/07/73	7	0.1	0.163	0.631	0.05	0.043	0.207	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	02/27/73-03/07/73	7	7.4	7.429	7.6	7.1	0.029	0.17	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	02/27/73-03/07/73	7	7.4	7.397	7.6	7.1	0.03	0.174	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/27/73-03/07/73	7	0.04	0.04	0.079	0.025	0.	0.019	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/27/73-03/07/73	7	56.	64.143	84.	48.	210.143	14.496	**	**	**	**
00435	ACIDITY, TOTAL (MG/L AS CACO3)	02/27/73-03/07/73	7	3.	3.429	5.	2.	1.619	1.272	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/27/73-03/07/73	7	2.78	2.837	4.7	0.86	1.629	1.276	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/27/73-03/07/73	7	2.9	3.464	6.2	0.95	3.074	1.753	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/27/73-03/07/73	7	0.3	0.3	0.34	0.26	0.001	0.028	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/27/73-03/07/73	7	0.14	0.213	0.6	0.12	0.03	0.173	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/27/73-03/07/73	7	4.	4.143	7.	3.	2.143	1.464	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/27/73-03/07/73	7	7900.	11084.286	33000.	490.	122753395.238	11079.413	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/27/73-03/07/73	7	3.898	3.798	4.519	2.69	0.349	0.591	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			6282.42								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/27/73-03/07/73	7	1300.	3574.286	17000.	140.	36051528.571	6004.293	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/27/73-03/07/73	7	3.114	3.148	4.23	2.146	0.408	0.638	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1405.464								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	02/27/73-03/07/73	7	55.	98.429	260.	22.	10791.619	103.883	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0162

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	7	1	0.14				2	0	0.00	5	1	0.20			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	7	0	0.00				2	0	0.00	5	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0162

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	7	0	0.00				2	0	0.00	5	0	0.00			
		Other-Lo Lim.	6.5	7	1	0.14				2	1	0.50	5	0	0.00			
00403	PH, LAB	Fresh Chronic	9.	7	0	0.00				2	0	0.00	5	0	0.00			
		Other-Lo Lim.	6.5	7	0	0.00				2	0	0.00	5	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	7	0	0.00				2	0	0.00	5	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	7	6	0.86				2	1	0.50	5	5	1.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	7	6	0.86				2	1	0.50	5	5	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0163

NPS Station ID: CHCH0163
LAT/LON: 35.017781/ -85.332781
Agency: 131TVAC
Date Created: / /
Location: RR BRIDGE AT CRAVENS YARDS
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM/SOLIDS
STORET Station ID(s): 475383 /2561
RMI-Indexes: 1021500 007720 00920 6140
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 000.10
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: CHATTANOOGA CREEK 0.1
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 1.50
On/Off RF1:
RF3 Index: 06020001124400.28
RF3 Mile Point: 0.54
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0163

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/07/67-09/12/80	4	4.5	4.5	8.	1.	16.333	4.041	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/07/67-09/10/80	3	27.	25.333	27.	22.	8.333	2.887	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/07/67-09/07/67	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	09/07/67-09/07/67	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/10/80-09/10/80	2	255.	255.	260.	250.	50.	7.071	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/07/67-09/10/80	3	1.7	2.067	2.8	1.7	0.403	0.635	**	**	**	**
00304	BOD, 2 DAY, 20 DEG C MG/L	09/07/67-09/07/67	1	120.	120.	120.	120.	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/07/67-09/07/67	1	600.	600.	600.	600.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/07/67-09/10/80	3	7.6	7.567	7.6	7.5	0.003	0.058	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/07/67-09/10/80	3	7.6	7.564	7.6	7.5	0.003	0.058	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/07/67-09/10/80	3	0.025	0.027	0.032	0.025	0.	0.004	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/10/80-09/10/80	2	69.5	69.5	71.	68.	4.5	2.121	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	09/10/80-09/10/80	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	09/07/67-09/07/67	1	180.	180.	180.	180.	0.	0.	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/07/67-09/07/67	1	160.	160.	160.	160.	0.	0.	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	09/10/80-09/10/80	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	09/10/80-09/10/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	09/12/80-09/12/80	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	09/12/80-09/12/80	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/12/80-09/12/80	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/12/80-09/12/80	1	26.	26.	26.	26.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/07/67-09/10/80	2 ##	37.5	37.5	50.	25.	312.5	17.678	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/10/80-09/10/80	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/12/80-09/12/80	1	33.	33.	33.	33.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/10/80-09/10/80	1 ##	250.	250.	250.	250.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/12/80-09/12/80	1	150.	150.	150.	150.	0.	0.	**	**	**	**
01059	THALLIUM, TOTAL (UG/L AS TL)	09/10/80-09/10/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	09/10/80-09/10/80	1 ##	75.	75.	75.	75.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/12/80-09/12/80	1	14.5	14.5	14.5	14.5	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	09/10/80-09/10/80	1 ##	30.	30.	30.	30.	0.	0.	**	**	**	**
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	09/12/80-09/12/80	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/10/80-09/10/80	1	43.	43.	43.	43.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	09/12/80-09/12/80	1	340.	340.	340.	340.	0.	0.	**	**	**	**
01097	ANTIMONY, TOTAL (UG/L AS SB)	09/10/80-09/10/80	1 ##	250.	250.	250.	250.	0.	0.	**	**	**	**
01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	09/12/80-09/12/80	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	09/10/80-09/10/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0163

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	09/12/80-09/12/80	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
32104	BROMOFORM,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
32106	CHLOROFORM,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34200	ACENAPHTHYLENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34205	ACENAPHTHENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34208	ACENAPHTHENE DRY WGTBOTUG/KG	09/12/80-09/12/80	1	420.	420.	420.	420.	0.	0.	**	**	**	**
34210	ACROLEIN TOTWUG/L	09/10/80-09/10/80	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
34213	ACROLEIN DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
34215	ACRYLONITRILE TOTWUG/L	09/10/80-09/10/80	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
34218	ACRYLONITRILE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
34220	ANTHRACENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34223	ANTHRACENE DRY WGTBOTUG/KG	09/12/80-09/12/80	1	1900.	1900.	1900.	1900.	0.	0.	**	**	**	**
34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34237	BENZENE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34247	BENZO-A-PYRENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34257	B-BHC-BETA DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34262	DELTA BENZENE HEXACHLORIDE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34268	BIS (CHLOROMETHYL) ETHER TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34271	BIS (CHLOROMETHYL) ETHER DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34290	BROMOFORM DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34295	N-BUTYL BENZYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34299	CARBON TETRACHLORIDE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34301	CHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34304	CHLOROBENZENE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34309	CHLORODIBROMOMETHANE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34311	CHLOROETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34314	CHLOROETHANE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34318	CHLOROFORM DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34320	CHRYSENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34323	CHRYSENE DRY WGTBOTUG/KG	09/12/80-09/12/80	1	2000.	2000.	2000.	2000.	0.	0.	**	**	**	**
34330	DICHLOROBROMOMETHANE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34334	DICHLORODIFLUOROMETHANE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34336	DIETHYL PHTHALATE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34341	DIMETHYL PHTHALATE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34346	1,2-DIPHENYLHYDRAZINE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34349	1,2-DIPHENYLHYDRAZINE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34351	ENDOSULFAN SULFATE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34356	ENDOSULFAN, BETA TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34361	ENDOSULFAN, ALPHA TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0163

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34366	ENDRIN ALDEHYDE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34374	ETHYLBENZENE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34376	FLUORANTHENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34379	FLUORANTHENE DRY WGTBOTUG/KG	09/12/80-09/12/80	1	4400.	4400.	4400.	4400.	0.	0.	**	**	**	**
34381	FLUORENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34384	FLUORENE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34391	HEXACHLOROBUTADIENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34396	HEXACHLOROETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	09/12/80-09/12/80	1	620.	620.	620.	620.	0.	0.	**	**	**	**
34408	ISOPHORONE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34411	ISOPHORONE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34413	METHYL BROMIDE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34416	METHYL BROMIDE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34418	METHYL CHLORIDE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34421	METHYL CHLORIDE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34423	METHYLENE CHLORIDE TOTWUG/L	09/10/80-09/10/80	1	82.	82.	82.	82.	0.	0.	**	**	**	**
34426	METHYLENE CHLORIDE DRY WGTBOTUG/KG	09/12/80-09/12/80	1	17.	17.	17.	17.	0.	0.	**	**	**	**
34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34433	N-NITROSODIPHENYLAMINE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34438	N-NITROSODIMETHYLAMINE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34441	N-NITROSODIMETHYLAMINE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34445	NAPHTHALENE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34447	NITROBENZENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34450	NITROBENZENE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34452	PARACHLOROMETA CRESOL TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34455	PARACHLOROMETA CRESOL DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34461	PHENANTHRENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34464	PHENANTHRENE DRY WGTBOTUG/KG	09/12/80-09/12/80	1	1900.	1900.	1900.	1900.	0.	0.	**	**	**	**
34469	PYRENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34472	PYRENE DRY WGTBOTUG/KG	09/12/80-09/12/80	1	3600.	3600.	3600.	3600.	0.	0.	**	**	**	**
34475	TETRACHLOROETHYLENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34478	TETRACHLOROETHYLENE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34480	THALLIUM DRY WGTBOTMG/KG	09/12/80-09/12/80	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34483	TOLUENE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34487	TRICHLOROETHYLENE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34491	TRICHLOROFLUOROMETHANE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34495	VINYL CHLORIDE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34496	1,1-DICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34499	1,1-DICHLOROETHANE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34501	1,1-DICHLOROETHYLENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34504	1,1-DICHLOROETHYLENE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34509	1,1,1-TRICHLOROETHANE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34514	1,1,2-TRICHLOROETHANE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34519	1,1,2,2-TETRACHLOROETHANE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	09/12/80-09/12/80	1	3600.	3600.	3600.	3600.	0.	0.	**	**	**	**
34531	1,2-DICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34534	1,2-DICHLOROETHANE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34536	1,2-DICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0163

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34541	1,2-DICHLOROPROPANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34544	1,2-DICHLOROPROPANE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34549	TRANS-1,2-DICHLOROETHENE, IN SED. DRY WT. UG/KG	09/12/80-09/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34564	1,3-DICHLOROPROPENE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34566	1,3-DICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34571	1,4-DICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34579	2-CHLOROETHYL VINYL ETHER DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34581	2-CHLORONAPHTHALENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34586	2-CHLOROPHENOL TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34589	2-CHLOROPHENOL DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34591	2-NITROPHENOL TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34594	2-NITROPHENOL DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34596	DI-N-OCTYL PHTHALATE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34601	2,4-DICHLOROPHENOL TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34604	2,4-DICHLOROPHENOL DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34606	2,4-DIMETHYLPHENOL TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34611	2,4-DINITROTOLUENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34614	2,4-DINITROTOLUENE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34616	2,4-DINITROPHENOL TOTWUG/L	09/10/80-09/10/80	1 ##	125.	125.	125.	125.	0.	0.	**	**	**	**
34619	2,4-DINITROPHENOL DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34624	2,4,6-TRICHLOROPHENOL DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34626	2,6-DINITROTOLUENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34629	2,6-DINITROTOLUENE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34634	3,3'-DICHLOROBENZIDINE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34639	4-BROMOPHENYL PHENYL ETHER DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34644	4-CHLOROPHENYL PHENYL ETHER DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34646	4-NITROPHENOL TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34649	4-NITROPHENOL DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	09/10/80-09/10/80	1 ##	125.	125.	125.	125.	0.	0.	**	**	**	**
34660	DNOC (4,6-DINITRO-ORTHO-CRESOL) DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34668	DICHLORODIFUOROMETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34671	PCB - 1016 TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34695	PHENOL(C6H5OH)-SINGLE COMPOUND DRY WGTTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34696	NAPHTHALENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	09/12/80-09/12/80	1	3800.	3800.	3800.	3800.	0.	0.	**	**	**	**
39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39121	BENZIDINE IN BOTTOM DEPOS UG/KG DRY SOLIDS	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0163

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
70001	COMPOSITE LOCATION IN A CROSS SECTION	09/10/80-09/10/80	1	7100.	7100.	7100.	7100.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	09/10/80-09/10/80	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/12/80-09/12/80	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
77161	1,2-DICHLOROPROPENE WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0163

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	3	3	1.00	3	3	1.00									
00400	PH	Fresh Chronic	9.	3	0	0.00	3	0	0.00									
		Other-Lo Lim.	6.5	3	0	0.00	3	0	0.00									
00720	CYANIDE, TOTAL	Fresh Acute	0.022	1	0	0.00	1	0	0.00									
		Drinking Water	0.2	1	0	0.00	1	0	0.00									
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	1	0	0.00	1	0	0.00									
		Drinking Water	4.	0 &	0	0.00												
01027	CADMIUM, TOTAL	Fresh Acute	3.9	0 &	0	0.00												
		Drinking Water	5.	0 &	0	0.00												

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0163

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01034	CHROMIUM, TOTAL	Drinking Water	100.	2	0	0.00	2	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	0 &	0	0.00												
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	0 &	0	0.00												
		Drinking Water	15.	0 &	0	0.00												
01059	THALLIUM, TOTAL	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	2.	0 &	0	0.00												
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01077	SILVER, TOTAL	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
01097	ANTIMONY, TOTAL	Fresh Acute	88.	0 &	0	0.00												
		Drinking Water	6.	0 &	0	0.00												
01147	SELENIUM, TOTAL	Fresh Acute	20.	0 &	0	0.00												
		Drinking Water	50.	1	0	0.00	1	0	0.00									
32101	BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32102	CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	0 &	0	0.00												
32104	BROMOFORM, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32105	DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32106	CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	1	0	0.00	1	0	0.00									
		Drinking Water	1000.	1	0	0.00	1	0	0.00									
34205	ACENAPHTHENE, TOTAL	Fresh Acute	1700.	1	0	0.00	1	0	0.00									
34210	ACROLEIN, TOTAL	Fresh Acute	68.	1	0	0.00	1	0	0.00									
34215	ACRYLONITRILE, TOTAL	Fresh Acute	7550.	1	0	0.00	1	0	0.00									
34301	CHLOROBENZENE, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
34346	1,2-DIPHENYLHYDRAZINE, TOTAL	Fresh Acute	270.	1	0	0.00	1	0	0.00									
34356	ENDOSULFAN, BETA, TOTAL	Fresh Acute	0.22	0 &	0	0.00												
34361	ENDOSULFAN, ALPHA, TOTAL	Fresh Acute	0.22	0 &	0	0.00												
34371	ETHYLBENZENE, TOTAL	Fresh Acute	32000.	1	0	0.00	1	0	0.00									
		Drinking Water	700.	1	0	0.00	1	0	0.00									
34376	FLUORANTHENE, TOTAL	Fresh Acute	3980.	1	0	0.00	1	0	0.00									
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL	Fresh Acute	7.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
34391	HEXACHLOROBUTADIENE, TOTAL	Fresh Acute	90.	1	0	0.00	1	0	0.00									
34396	HEXACHLOROETHANE, TOTAL	Fresh Acute	980.	1	0	0.00	1	0	0.00									
34403	INDENO (1,2,3-CD) PYRENE, TOTAL	Drinking Water	0.4	0 &	0	0.00												
34408	ISOPHORONE, TOTAL	Fresh Acute	117000.	1	0	0.00	1	0	0.00									
34423	METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	1	1	1.00	1	1	1.00									
34447	NITROBENZENE, TOTAL	Fresh Acute	27000.	1	0	0.00	1	0	0.00									
34452	PARACHLOROMETA CRESOL, TOTAL	Fresh Acute	30.	1	0	0.00	1	0	0.00									
34461	PHENANTHRENE, TOTAL	Fresh Acute	30.	1	0	0.00	1	0	0.00									
34475	TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	0 &	0	0.00												
34501	1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	1	0	0.00	1	0	0.00									
34506	1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	1	0	0.00	1	0	0.00									
34511	1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	0 &	0	0.00												
34531	1,2-DICHLOROETHANE, TOTAL	Fresh Acute	118000.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	0 &	0	0.00												
34536	1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00	1	0	0.00									
34541	1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	0 &	0	0.00												
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	1	0	0.00	1	0	0.00									
34551	1,2,4-TRICHLOROBENZENE, TOTAL	Drinking Water	70.	1	0	0.00	1	0	0.00									
34566	1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0163

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
34571	1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	1	0	0.00	1	0	0.00									
34586	2-CHLOROPHENOL, TOTAL	Fresh Acute	4380.	1	0	0.00	1	0	0.00									
34601	2,4-DICHLOROPHENOL, TOTAL	Fresh Acute	2020.	1	0	0.00	1	0	0.00									
34606	2,4-DIMETHYLPHENOL, TOTAL	Fresh Acute	2120.	1	0	0.00	1	0	0.00									
34611	2,4-DINITROTOLUENE, TOTAL	Fresh Acute	330.	1	0	0.00	1	0	0.00									
34694	PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	Fresh Acute	10200.	1	0	0.00	1	0	0.00									
34696	NAPHTHALENE, TOTAL	Fresh Acute	2300.	1	0	0.00	1	0	0.00									
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	1.	0 &	0	0.00												
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	Fresh Acute	2000.	1	0	0.00	1	0	0.00									
		Drinking Water	6.	1	0	0.00	1	0	0.00									
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	0 &	0	0.00												
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	0 &	0	0.00												
39300	P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	0 &	0	0.00												
39310	P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	0 &	0	0.00												
39320	P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	1	0	0.00	1	0	0.00									
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	0 &	0	0.00												
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	0 &	0	0.00												
		Drinking Water	0.2	0 &	0	0.00												
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	0 &	0	0.00												
		Drinking Water	2.	0 &	0	0.00												
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	0 &	0	0.00												
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	0 &	0	0.00												
		Drinking Water	2.	0 &	0	0.00												
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	0 &	0	0.00												
		Drinking Water	3.	0 &	0	0.00												
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	0 &	0	0.00												
		Drinking Water	0.4	0 &	0	0.00												
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	0 &	0	0.00												
		Drinking Water	0.2	0 &	0	0.00												
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	1	0	0.00	1	0	0.00									
		Drinking Water	1.	0 &	0	0.00												
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0164

NPS Station ID: CHCH0164
LAT/LON: 35.018059/ -85.326115
Agency: 21TNWQ
Date Created: 10/01/83
Location: CHATTANOOGA CREEK 0.5 QUAD 105SE
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM/TISSUE
STORET Station ID(s): CHATTCRIS01
RMI-Indexes: 1021500 007720 00920 6140
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 000.50
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER
ECO Region:
RF1 Index: 06020001003
RF1 Mile Point: 0.390
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 06020001060400.00
RF3 Mile Point: 0.16
Distance from RF3: 0.10
On/Off RF3:
Description:
TENN DIVISION OF WATER MANAGEMENT LIBRARY FILE INDEX NO. BG0.12

Parameter Inventory for Station: CHCH0164

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/30/81-06/30/81	4	356.5	356.5	402.	311.	2700.333	51.965	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/14/82-07/15/82	2	27.	27.	27.	27.	0.	0.	**	**	**	**
00023	SAMPLE WEIGHT IN POUNDS	06/30/81-06/30/81	3	0.69	1.483	3.38	0.38	2.722	1.65	**	**	**	**
00024	SAMPLE LENGTH IN INCHES	06/30/81-06/30/81	3	9.5	11.467	17.4	7.5	27.403	5.235	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/14/82-07/15/82	2	4.7	4.7	6.4	3.	5.78	2.404	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	07/14/82-07/15/82	2	51.	51.	57.	45.	72.	8.485	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/14/82-07/15/82	2	2.75	2.75	3.9	1.6	2.645	1.626	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	07/14/82-07/15/82	2	2.	2.	2.	2.	0.	0.	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	07/14/82-07/15/82	2	13.	13.	15.	11.	8.	2.828	**	**	**	**
00400	PH (STANDARD UNITS)	07/14/82-07/15/82	2	7.1	7.1	7.2	7.	0.02	0.141	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/14/82-07/15/82	2	7.089	7.089	7.2	7.	0.02	0.142	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/14/82-07/15/82	2	0.082	0.082	0.1	0.063	0.001	0.026	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/14/82-07/15/82	2	94.5	94.5	105.	84.	220.5	14.849	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	07/14/82-07/15/82	2	148.5	148.5	170.	127.	924.5	30.406	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/14/82-07/15/82	2	6.	6.	8.	4.	8.	2.828	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/14/82-07/15/82	2	0.27	0.27	0.35	0.19	0.013	0.113	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/14/82-07/15/82	2	0.19	0.19	0.26	0.12	0.01	0.099	**	**	**	**
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	07/14/82-07/15/82	2	0.75	0.75	0.8	0.7	0.005	0.071	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/14/82-07/15/82	2	0.065	0.065	0.07	0.06	0.	0.007	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/14/82-07/15/82	2	103.5	103.5	109.	98.	60.5	7.778	**	**	**	**
00910	CALCIUM (MG/L AS CACO3)	07/14/82-07/15/82	2	81.	81.	94.3	67.7	353.78	18.809	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/14/82-07/15/82	2	5.8	5.8	6.5	5.1	0.98	0.99	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	07/14/82-07/15/82	2	6.9	6.9	7.8	6.	1.62	1.273	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	07/14/82-07/15/82	2	2.75	2.75	3.7	1.8	1.805	1.344	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/14/82-07/15/82	2	7.	7.	8.	6.	2.	1.414	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/14/82-07/15/82	2	23.	23.	30.	16.	98.	9.899	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/14/82-07/15/82	2	0.145	0.145	0.19	0.1	0.004	0.064	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	07/14/82-07/15/82	2	0.002	0.002	0.002	0.001	0.	0.001	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	07/14/82-07/15/82	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	07/14/82-07/15/82	2 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/14/82-07/15/82	2	0.003	0.003	0.003	0.002	0.	0.001	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/14/82-07/15/82	2	0.007	0.007	0.01	0.004	0.	0.004	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/14/82-07/15/82	2	0.4	0.4	0.5	0.3	0.02	0.141	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/15/82-07/15/82	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	07/14/82-07/15/82	2	0.25	0.25	0.3	0.2	0.005	0.071	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	07/15/82-07/15/82	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0164

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01069	NICKEL, TOTAL IN FISH OR ANIMALS-WET WEIGHT MG/KG	06/30/81-06/30/81	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	07/14/82-07/15/82	2	0.015	0.015	0.02	0.01	0.	0.007	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	07/14/82-07/15/82	2	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/14/82-07/15/82	2	7600.	7600.	10800.	4400.	20480000.	4525.483	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/14/82-07/15/82	2	3.838	3.838	4.033	3.643	0.076	0.276	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			6893.475								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/14/82-07/15/82	2	2730.	2730.	3400.	2060.	897800.	947.523	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/14/82-07/15/82	2	3.423	3.423	3.531	3.314	0.024	0.154	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2646.507								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/14/82-07/15/82	2	2068.	2068.	3900.	236.	6712448.	2590.839	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/14/82-07/15/82	2	2.982	2.982	3.591	2.373	0.742	0.861	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			959.375								
34252	BERYLLIUM WET WGTTISMG/KG	06/30/81-06/30/81	3	0.2	0.197	0.29	0.1	0.009	0.095	**	**	**	**
34687	HEPTACHLOR WET WGTTISMG/KG	06/30/81-06/30/81	2	0.004	0.004	0.004	0.003	0.	0.001	**	**	**	**
39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	06/30/81-06/30/81	2	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
39302	P P DDT IN TISSUE WET WGT (UG/G)	06/30/81-06/30/81	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
39307	O P DDT IN TISSUE WET WGT (UG/G)	06/30/81-06/30/81	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39404	DIELDRIN IN TISSUE WET WGT (UG/G)	06/30/81-06/30/81	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
39515	PCBS (MG/KG) FISH TISSUE MG/KG	06/30/81-06/30/81	4	0.211	0.29	0.71	0.028	0.086	0.293	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	07/14/82-07/14/82	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	06/30/81-06/30/81	2	0.15	0.15	0.17	0.13	0.001	0.028	**	**	**	**
71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	06/30/81-06/30/81	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	06/30/81-06/30/81	3	0.1	0.083	0.1	0.05	0.001	0.029	**	**	**	**
71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	06/30/81-06/30/81	3	0.15	0.197	0.39	0.05	0.031	0.175	**	**	**	**
71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	06/30/81-06/30/81	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
81742	SILVER IN FISH TISSUE WET WEIGHT (MG/KG)PPM	06/30/81-06/30/81	3	0.15	0.18	0.29	0.1	0.01	0.098	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0164

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00	2	0	0.00									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	2	1.00	2	2	1.00									
00400	PH	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00	2	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00									
		Drinking Water	250.	2	0	0.00	2	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00	2	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00	2	0	0.00									
01002	ARSENIC, TOTAL	Fresh Acute	360.	2	0	0.00	2	0	0.00									
		Drinking Water	50.	2	0	0.00	2	0	0.00									
01007	BARIUM, TOTAL	Drinking Water	2000.	2	0	0.00	2	0	0.00									
01027	CADMIUM, TOTAL	Fresh Acute	3.9	2	0	0.00	2	0	0.00									
		Drinking Water	5.	2	0	0.00	2	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	2	0	0.00	2	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	2	0	0.00	2	0	0.00									
		Drinking Water	1300.	2	0	0.00	2	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	1	1	1.00	1	1	1.00									
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	2	0	0.00	2	0	0.00									
		Drinking Water	5000.	2	0	0.00	2	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	2	1.00	2	2	1.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	2	2	1.00	2	2	1.00									
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0165

NPS Station ID: CHCH0165
LAT/LON: 35.018059/ -85.333059
Agency: 131TVAC
Date Created: / /
Location:
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM/SOLIDS
STORET Station ID(s): 475884 /2558
RMI-Indexes: 1021500 007720 00920 6140
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 000.05
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: CHATTANOOGA CREEK 0.05
ECO Region:
RF1 Index: 06020001002
RF1 Mile Point: 9.030
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 06020001026600.00
RF3 Mile Point: 2.02
Distance from RF3: 0.09
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/08/70-05/21/71	2	3.75	3.75	7.	0.5	21.125	4.596	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: CHCH0166

NPS Station ID: CHCH0166 LAT/LON: 35.018198/ -85.336059 Agency: 11NPSWRD Date Created: 04/03/99
Location: MYSTERY FALLS FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM/TUNNEL STORET Station ID(s): CHCH_HHH_MF
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: TENNESSEE RIVER Elevation: 0 Water Body Id:
Minor Basin: TENNESSEE R-MAIN STEM & MINOR TRIBS ECO Region:
RF1 Index: 06020001 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 06020001011302.01 RF3 Mile Point: 3.41 Distance from RF3: 0.11 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE CHATTANOOGA TENNESSEE 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THIS SITE IS AT MYSTERY FALLS AND IS OUTSIDE OF THE CHICKAMAUGA AND CHATTANOOGA NATIONAL MILITARY PARK BOUNDARIES. AN ACTIVE STREAM FLOWS THROUGH THIS CAVE. DATA ARE FROM A REPORT BY HORTON H. HOBBS III; "ASSESSMENT OF THE ECOLOGICAL RESOURCES OF THE CAVES OF RUSSELL CAVE NATIONAL MONUMENT JACKSON COUNTY ALABAMA AND SELECTED CAVES AT THE LOOKOUT MOUNTAIN UNIT OF CHICKAMAUGA-CHATTANOOGA NATIONAL MILITARY PARK DADE COUNTY GEORGIA AND HAMILTON COUNTY TENNESSEE;" JANUARY 1994. THE PURPOSE OF THIS REPORT WAS TO ASSESS "THE RESOURCES OF THESE TWO AREAS" AND TO MAKE "RECOMMENDATIONS FOR MANAGEMENT OF THE CAVES PROPER AND THEIR HYDROLOGICAL RECHARGE AREAS." DATA WERE PROCESSED AND UPLOADED TO STORET BY RONDA BURNS NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: CHCH0166

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/14/92-12/14/92	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/14/92-12/14/92	1	14.8	14.8	14.8	14.8	0.	0.	**	**	**	**
00052	HUMIDITY, RELATIVE (PERCENT)	12/14/92-12/14/92	1	100.	100.	100.	100.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/14/92-12/14/92	1	209.	209.	209.	209.	0.	0.	**	**	**	**
00154	SULFATE (AS S) WHOLE WATER, MG/L	12/14/92-12/14/92	1	17.5	17.5	17.5	17.5	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	12/14/92-12/14/92	1	8.13	8.13	8.13	8.13	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	12/14/92-12/14/92	1	8.13	8.13	8.13	8.13	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/14/92-12/14/92	1	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/14/92-12/14/92	1	2.94	2.94	2.94	2.94	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/14/92-12/14/92	1	90.	90.	90.	90.	0.	0.	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	12/14/92-12/14/92	1	0.98	0.98	0.98	0.98	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	12/14/92-12/14/92	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0166

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00154	SULFATE (AS S) WHOLE WATER	Drinking Water	250.	1	0	0.00				1	0	0.00						
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0167

NPS Station ID: CHCH0167 LAT/LON: 35.018365/ -85.350421 Agency: 11NPSWRD Date Created: 04/03/99
Location: RED BARREL PIT FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/SPRING/TUNNEL STORET Station ID(s): CHCH_HHH_RBP
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: TENNESSEE RIVER Elevation: 0 Water Body Id:
Minor Basin: TENNESSEE R-MAIN STEM & MINOR TRIBS ECO Region:
RF1 Index: 06020001 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 06020001011302.01 RF3 Mile Point: 3.41 Distance from RF3: 0.11 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE CHATTANOOGA TENNESSEE 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THIS SITE IS AT RED BARREL PIT; A DEEP PIT AT THE BOTTOM OF A SINKHOLE; AND IS INSIDE OF THE CHICKAMAUGA AND CHATTANOOGA NATIONAL MILITARY PARK BOUNDARIES. DATA ARE FROM A REPORT BY HORTON H. HOBBS III; "ASSESSMENT OF THE ECOLOGICAL RESOURCES OF THE CAVES OF RUSSELL CAVE NATIONAL MONUMENT JACKSON COUNTY ALABAMA AND SELECTED CAVES AT THE LOOKOUT MOUNTAIN UNIT OF CHICKAMAUGA- CHATTANOOGA NATIONAL MILITARY PARK DADE COUNTY GEORGIA AND HAMILTON COUNTY TENNESSEE;" JANUARY 1994. THE PURPOSE OF THIS REPORT WAS TO MAKE "RECOMMENDATIONS FOR MANAGEMENT OF THE CAVES PROPER AND THEIR HYDROLOGICAL RECHARGE AREAS." FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT THE CHICKAMAUGA AND CHATTANOOGA NATIONAL MILITARY PARK; P.O. BOX 2128; FORT OGLETHORPE GA 30742; (TEL. 706-866-9241). DATA WERE PROCESSED AND UPLOADED TO STORET BY RONDA BURNS NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: CHCH0167

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/16/92-12/16/92	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/16/92-12/16/92	1	11.1	11.1	11.1	11.1	0.	0.	**	**	**	**
00052	HUMIDITY, RELATIVE (PERCENT)	12/16/92-12/16/92	1	100.	100.	100.	100.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/16/92-12/16/92	1	292.	292.	292.	292.	0.	0.	**	**	**	**
00154	SULFATE (AS S) WHOLE WATER, MG/L	12/16/92-12/16/92	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	12/16/92-12/16/92	1	7.87	7.87	7.87	7.87	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	12/16/92-12/16/92	1	7.87	7.87	7.87	7.87	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/16/92-12/16/92	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/16/92-12/16/92	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/16/92-12/16/92	1	181.	181.	181.	181.	0.	0.	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	12/16/92-12/16/92	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	12/16/92-12/16/92	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0167

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00154	SULFATE (AS S) WHOLE WATER	Drinking Water	250.	1	0	0.00				1	0	0.00						
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0168

NPS Station ID: CHCH0168
LAT/LON: 35.018892/ -85.315281
Agency: 1113S000
Date Created: / /
Location: CHATT CK @ CRANE CO WASTE DISCH
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM
STORET Station ID(s): 470260 /TR-CR-1
RMI-Indexes: 1021500 007720 00920 6140
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 001.50
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001006
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 06020001124400.28
RF3 Mile Point: 3.33
Distance from RF3: 0.06
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0168

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/27/73-03/01/73	8	32.5	30.875	34.	24.	16.125	4.016	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	02/27/73-03/01/73	3	1600.	1600.	1600.	1600.	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	02/27/73-03/01/73	3 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	02/27/73-03/01/73	3 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	03/01/73-03/01/73	3	5.5	5.4	6.	4.7	0.43	0.656	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/01/73-03/01/73	3	5.5	5.095	6.	4.7	0.57	0.755	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/01/73-03/01/73	3	3.162	8.038	19.953	1.	107.632	10.375	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	02/27/73-03/01/73	3	5.3	5.5	6.4	4.8	0.67	0.819	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	02/27/73-03/01/73	3	5.3	5.15	6.4	4.8	0.854	0.924	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/27/73-03/01/73	3	5.012	7.086	15.849	0.398	62.909	7.932	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	02/28/73-03/01/73	2	3609.	3609.	3800.	3418.	72962.	270.115	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	02/28/73-03/01/73	2	2998.	2998.	3268.	2728.	145800.	381.838	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	02/28/73-03/01/73	2	3457.	3457.	3701.	3213.	119072.	345.068	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/28/73-03/01/73	2	152.	152.	205.	99.	5618.	74.953	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/28/73-03/01/73	2	21.	21.	26.	16.	50.	7.071	**	**	**	**
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	02/27/73-02/28/73	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/27/73-03/01/73	3	0.19	0.247	0.38	0.17	0.013	0.116	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/27/73-03/01/73	3	0.85	0.85	1.1	0.6	0.063	0.25	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/27/73-03/01/73	3	0.66	0.673	0.77	0.59	0.008	0.091	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/27/73-03/01/73	3	0.34	0.35	0.5	0.21	0.021	0.145	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/27/73-03/01/73	3	9.	9.	11.	7.	4.	2.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/27/73-03/01/73	3	174.	176.333	215.	140.	1410.333	37.554	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	02/27/73-03/01/73	3	185.	243.333	368.	177.	11672.333	108.039	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	02/27/73-03/01/73	3	23500.	23960.	28380.	20000.	17714800.	4208.895	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	02/27/73-03/01/73	3	30500.	38710.	57500.	28130.	266202300.	16315.707	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	02/27/73-03/01/73	3	6375.	7275.	9200.	6250.	2783125.	1668.27	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	02/27/73-03/01/73	3 ##	40.	40.	40.	40.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	02/27/73-03/01/73	3	7400.	8175.	9875.	7250.	2173125.	1474.152	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0168

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	3	0	0.00							3	0	0.00			
		Other-Lo Lim.	6.5	3	3	1.00							3	3	1.00			
00403	PH, LAB	Fresh Chronic	9.	3	0	0.00				2	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	3	3	1.00				2	2	1.00	1	1	1.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	0	0.00				2	0	0.00	1	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	3	3	1.00				2	2	1.00	1	1	1.00			
01042	COPPER, TOTAL	Fresh Acute	18.	3	3	1.00				2	2	1.00	1	1	1.00			
		Drinking Water	1300.	3	0	0.00				2	0	0.00	1	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	3	3	1.00				2	2	1.00	1	1	1.00			
		Drinking Water	15.	3	3	1.00				2	2	1.00	1	1	1.00			
01067	NICKEL, TOTAL	Fresh Acute	1400.	3	0	0.00				2	0	0.00	1	0	0.00			
		Drinking Water	100.	3	0	0.00				2	0	0.00	1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	3	3	1.00				2	2	1.00	1	1	1.00			
		Drinking Water	5000.	3	3	1.00				2	2	1.00	1	1	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0169

NPS Station ID: CHCH0169
LAT/LON: 35.018892/ -85.325838
Agency: 131TVAC
Date Created: / /
Location: RR BRIDGE AT CRAVENS YARDS
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM/SOLIDS
STORET Station ID(s): 475382 /2564
RMI-Indexes: 1021500 007720 00920 6140
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 000.63
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: CHATTANOOGA CREEK 0.63
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 4.60
On/Off RF1:
RF3 Index: 06020001124400.28
RF3 Mile Point: 3.33
Distance from RF3: 0.06
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/07/67-09/12/80	33	1.	1.455	7.	0.	2.568	1.603	1.	1.	1.	3.4
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/07/67-09/10/80	29	20.3	18.555	30.	4.2	50.453	7.103	9.	11.35	25.	26.7
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/24/73-12/04/73	11	79.	84.545	280.	16.	5799.073	76.152	17.	21.	94.	254.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/27/69-12/04/73	25	20.	33.	200.	10.	1454.167	38.134	10.	15.	30.	61.
00080	COLOR (PLATINUM-COBALT UNITS)	09/07/67-12/04/73	27	25.	33.056	160.	2.5	1042.468	32.287	5.	10.	50.	64.
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	01/24/73-12/04/73	13	50.	67.692	140.	25.	1277.564	35.743	29.	37.5	90.	132.
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	09/07/67-12/04/73	15	2.	3.267	12.	0.5	12.317	3.51	0.5	1.	4.	10.8
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/27/69-09/10/80	27	290.	360.741	920.	160.	35330.199	187.963	178.	240.	410.	752.
00300	OXYGEN, DISSOLVED MG/L	09/07/67-09/10/80	29	0.1	2.607	10.2	0.05	11.67	3.416	0.05	0.05	5.5	8.4
00304	BOD, 2 DAY, 20 DEG C MG/L	09/07/67-10/11/67	2	33.5	33.5	43.	24.	180.5	13.435	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/07/67-12/04/73	27	12.	24.5	120.	1.7	786.456	28.044	2.16	5.	29.	70.4
00335	COD, .025N K2CR2O7 MG/L	01/27/69-12/04/73	24	49.	70.083	320.	13.	4949.645	70.354	13.5	26.5	83.	170.
00400	PH (STANDARD UNITS)	09/07/67-09/10/80	28	7.1	7.211	8.3	6.	0.3	0.547	6.69	6.825	7.375	8.12
00400	CONVERTED PH (STANDARD UNITS)	09/07/67-09/10/80	28	7.1	6.925	8.3	6.	0.384	0.62	6.69	6.825	7.375	8.12
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/07/67-09/10/80	28	0.079	0.119	1.	0.005	0.034	0.184	0.008	0.042	0.15	0.205
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/27/69-09/10/80	27	80.	89.593	180.	30.	1547.02	39.332	39.2	64.	110.	154.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/27/69-09/10/80	27	0.	0.037	1.	0.	0.037	0.192	0.	0.	0.	0.
00500	RESIDUE, TOTAL (MG/L)	09/07/67-10/11/67	2	380.	380.	420.	340.	3200.	56.569	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/07/67-10/24/73	13	190.	203.077	400.	120.	7089.744	84.201	124.	130.	260.	360.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/24/73-12/04/73	13	23.	24.846	48.	9.	149.641	12.233	9.4	14.5	30.	47.2
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/07/67-12/04/73	26	1.15	1.701	6.7	0.005	2.298	1.516	0.059	0.703	2.525	3.57
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/07/67-12/04/73	26	1.35	2.055	8.7	0.01	4.202	2.05	0.193	0.545	3.7	4.64
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/07/67-12/03/69	13	0.01	0.034	0.13	0.005	0.002	0.04	0.007	0.01	0.06	0.114
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/07/67-12/03/69	13	0.13	0.201	0.46	0.01	0.027	0.164	0.018	0.04	0.36	0.448
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/24/73-12/04/73	13	0.37	0.382	1.2	0.025	0.113	0.336	0.025	0.075	0.57	0.976
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/07/67-12/04/73	26	0.297	0.408	1.63	0.029	0.129	0.359	0.089	0.159	0.579	0.857
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/27/69-12/04/73	25	0.091	0.124	0.391	0.005	0.014	0.117	0.012	0.029	0.175	0.337
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/21/69-08/13/69	4	58.4	55.05	95.1	8.3	1290.837	35.928	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	09/10/80-09/10/80	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00722	CYANIDE, FREE (AMENABLE TO CHLORINATION) MG/L	01/27/69-12/04/73	25	0.03	0.121	1.2	0.005	0.06	0.245	0.01	0.02	0.115	0.338
00916	CALCIUM, TOTAL (MG/L AS CA)	01/24/73-12/04/73	13	32.	34.	61.	17.	146.167	12.09	17.4	27.	43.5	55.
00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/24/73-12/04/73	13	4.7	5.223	8.3	3.1	2.972	1.724	3.14	4.2	7.15	8.02
00929	SODIUM, TOTAL (MG/L AS NA)	01/24/73-12/04/73	13	15.	15.9	29.	7.1	46.795	6.841	7.1	9.75	21.	27.
00937	POTASSIUM, TOTAL MG/L AS K)	01/24/73-12/04/73	13	2.5	2.938	4.8	1.8	1.103	1.05	1.84	2.05	3.75	4.76
00940	CHLORIDE,TOTAL IN WATER MG/L	10/11/67-12/04/73	14	14.5	19.929	80.	8.	348.533	18.669	8.	9.	24.5	55.
00945	SULFATE, TOTAL (MG/L AS SO4)	01/24/73-12/04/73	13	34.	32.846	62.	18.	149.474	12.226	18.	23.5	36.	56.4
00951	FLUORIDE, TOTAL (MG/L AS F)	01/24/73-12/04/73	13	0.44	0.638	1.6	0.25	0.209	0.457	0.262	0.285	0.95	1.52
00956	SILICA, TOTAL (MG/L AS SI02)	01/24/73-12/04/73	13	6.1	6.208	8.3	4.3	1.189	1.09	4.66	5.35	7.1	7.94

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01002	ARSENIC, TOTAL (UG/L AS AS)	01/24/73-09/10/80	14 ##	2.5	4.643	25.	2.5	38.324	6.191	2.5	2.5	2.5	17.5
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	09/12/80-09/12/80	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	01/24/73-12/04/73	13 ##	50.	73.077	200.	50.	3173.077	56.33	50.	50.	50.	200.
01012	BERYLLIUM, TOTAL (UG/L AS BE)	01/24/73-09/10/80	14 ##	5.	5.536	12.5	5.	4.018	2.004	5.	5.	5.	8.75
01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	09/12/80-09/12/80	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	01/24/73-09/10/80	14	5.5	7.857	22.	0.5	58.363	7.64	0.5	0.875	14.125	20.5
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/12/80-09/12/80	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/12/80-09/12/80	1	25.	25.	25.	25.	0.	0.	**	**	**	**
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	08/13/69-08/13/69	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/07/67-09/10/80	26 ##	25.	27.827	170.	2.5	1726.179	41.547	2.5	2.5	25.	80.
01042	COPPER, TOTAL (UG/L AS CU)	01/27/69-09/10/80	24	20.	29.583	170.	5.	1188.949	34.481	5.	6.25	40.	55.
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/12/80-09/12/80	1	33.	33.	33.	33.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	01/24/73-12/04/73	13	1500.	1571.538	2300.	730.	333030.769	577.088	758.	1000.	2150.	2260.
01046	IRON, DISSOLVED (UG/L AS FE)	01/24/73-12/04/73	13	130.	259.231	850.	70.	59657.692	244.249	74.	95.	430.	738.
01047	IRON, FERROUS (UG/L AS FE)	01/24/73-12/04/73	13	330.	490.769	1500.	40.	238791.026	488.662	60.	105.	865.	1420.
01051	LEAD, TOTAL (UG/L AS PB)	01/24/73-09/10/80	14	42.	72.214	250.	5.	5950.489	77.139	5.	8.75	125.	210.
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/12/80-09/12/80	1	140.	140.	140.	140.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	01/24/73-12/04/73	13	360.	404.615	990.	130.	52993.59	230.203	134.	265.	530.	834.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	01/24/73-12/04/73	13	300.	308.462	540.	100.	16814.103	129.669	120.	220.	415.	520.
01059	THALLIUM, TOTAL (UG/L AS TL)	09/10/80-09/10/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	01/27/69-09/10/80	22 ##	25.	46.818	390.	25.	6165.584	78.521	25.	25.	25.	85.5
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/12/80-09/12/80	1	13.	13.	13.	13.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	01/24/73-09/10/80	14 ##	5.	6.786	30.	5.	44.643	6.682	5.	5.	5.	17.5
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	09/12/80-09/12/80	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	01/27/69-09/10/80	24	140.	288.25	2200.	38.	199631.761	446.802	45.	62.5	350.	610.
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	09/12/80-09/12/80	1	380.	380.	380.	380.	0.	0.	**	**	**	**
01097	ANTIMONY, TOTAL (UG/L AS SB)	09/10/80-09/10/80	1 ##	250.	250.	250.	250.	0.	0.	**	**	**	**
01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	09/12/80-09/12/80	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	01/24/73-12/04/73	13	1200.	1384.615	2400.	400.	471410.256	686.593	520.	750.	2150.	2360.
01147	SELENIUM, TOTAL (UG/L AS SE)	01/24/73-09/10/80	14	2.	3.75	25.	0.5	41.413	6.435	0.5	0.5	3.	16.5
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	09/12/80-09/12/80	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/07/67-12/04/73	29	108000.	683786.207	8100000.	1400.	**********	1626021.997	4200.	21000.	560000.	2500000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/07/67-12/04/73	29	5.033	5.019	6.908	3.146	0.881	0.939	3.623	4.32	5.747	6.398
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			104365.453								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/07/67-12/04/73	28	3150.	51835.714	600000.	5.	15253701	816.138	123505.878	45.5	375.	34250.	187000.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/07/67-12/04/73	28	3.492	3.508	5.778	0.699	1.766	1.329	1.599	2.569	4.519	5.27
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3221.801								
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
32104	BROMOFORM,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
32106	CHLOROFORM,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
32250	OIL, PETROLEUM ETHER EXTRACTABLES (MG/L)	01/24/73-07/31/73	8 ##	5.	5.625	10.	5.	3.125	1.768	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/27/69-09/10/80	20	50.	107.05	630.	1.	30074.576	173.42	3.2	6.25	137.5	510.
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34200	ACENAPHTHYLENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34205	ACENAPHTHENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34208	ACENAPHTHENE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34210	ACROLEIN TOTWUG/L	09/10/80-09/10/80	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
34213	ACROLEIN DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
34215	ACRYLONITRILE TOTWUG/L	09/10/80-09/10/80	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
34218	ACRYLONITRILE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
34220	ANTHRACENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34223	ANTHRACENE DRY WGTBOTUG/KG	09/12/80-09/12/80	1	1400.	1400.	1400.	1400.	0.	0.	**	**	**	**
34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34237	BENZENE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	09/12/80-09/12/80	1	1600.	1600.	1600.	1600.	0.	0.	**	**	**	**
34247	BENZO-A-PYRENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	09/12/80-09/12/80	1	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34257	B-BHC-BETA DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34262	DELTA BENZENE HEXACHLORIDE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34268	BIS (CHLOROMETHYL) ETHER TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34271	BIS (CHLOROMETHYL) ETHER DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34290	BROMOFORM DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34295	N-BUTYL BENZYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34299	CARBON TETRACHLORIDE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34301	CHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34304	CHLOROBENZENE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34309	CHLORODIBROMOMETHANE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34311	CHLOROETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34314	CHLOROETHANE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34318	CHLOROFORM DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34320	CHRYSENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34323	CHRYSENE DRY WGTBOTUG/KG	09/12/80-09/12/80	1	800.	800.	800.	800.	0.	0.	**	**	**	**
34330	DICHLOROBROMOMETHANE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34334	DICHLORODIFLUOROMETHANE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34336	DIETHYL PHTHALATE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34341	DIMETHYL PHTHALATE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34346	1,2-DIPHENYLHYDRAZINE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34349	1,2-DIPHENYLHYDRAZINE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34351	ENDOSULFAN SULFATE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34356	ENDOSULFAN, BETA TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34361	ENDOSULFAN, ALPHA TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34366	ENDRIN ALDEHYDE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34374	ETHYLBENZENE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34376	FLUORANTHENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34379	FLUORANTHENE DRY WGTBOTUG/KG	09/12/80-09/12/80	1	1600.	1600.	1600.	1600.	0.	0.	**	**	**	**
34381	FLUORENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34384	FLUORENE DRY WGTBOTUG/KG	09/12/80-09/12/80	1	220.	220.	220.	220.	0.	0.	**	**	**	**
34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34391	HEXACHLOROBUTADIENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34396	HEXACHLOROETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34408	ISOPHORONE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34411	ISOPHORONE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34413	METHYL BROMIDE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34416	METHYL BROMIDE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34418	METHYL CHLORIDE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34421	METHYL CHLORIDE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34423	METHYLENE CHLORIDE TOTWUG/L	09/10/80-09/10/80	1	75.	75.	75.	75.	0.	0.	**	**	**	**
34426	METHYLENE CHLORIDE DRY WGTBOTUG/KG	09/12/80-09/12/80	1	13.	13.	13.	13.	0.	0.	**	**	**	**
34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34433	N-NITROSODIPHENYLAMINE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34438	N-NITROSODIMETHYLAMINE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34441	N-NITROSODIMETHYLAMINE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34445	NAPHTHALENE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34447	NITROBENZENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34450	NITROBENZENE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34452	PARACHLOROMETA CRESOL TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34455	PARACHLOROMETA CRESOL DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34461	PHENANTHRENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34464	PHENANTHRENE DRY WGTBOTUG/KG	09/12/80-09/12/80	1	1400.	1400.	1400.	1400.	0.	0.	**	**	**	**
34469	PYRENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34472	PYRENE DRY WGTBOTUG/KG	09/12/80-09/12/80	1	780.	780.	780.	780.	0.	0.	**	**	**	**
34475	TETRACHLOROETHYLENE TOTWUG/L	09/10/80-09/10/80	1	29.	29.	29.	29.	0.	0.	**	**	**	**
34478	TETRACHLOROETHYLENE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34480	THALLIUM DRY WGTBOTMG/KG	09/12/80-09/12/80	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34483	TOLUENE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34487	TRICHLOROETHYLENE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34491	TRICHLOROFLUOROMETHANE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34495	VINYL CHLORIDE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34496	1,1-DICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34499	1,1-DICHLOROETHANE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34501	1,1-DICHLOROETHYLENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34504	1,1-DICHLOROETHYLENE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	1	17.	17.	17.	17.	0.	0.	**	**	**	**
34509	1,1,1-TRICHLOROETHANE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34514	1,1,2-TRICHLOROETHANE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34519	1,1,2,2-TETRACHLOROETHANE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	09/12/80-09/12/80	1	380.	380.	380.	380.	0.	0.	**	**	**	**
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	09/12/80-09/12/80	1	1900.	1900.	1900.	1900.	0.	0.	**	**	**	**
34531	1,2-DICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34534	1,2-DICHLOROETHANE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34536	1,2-DICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34541	1,2-DICHLOROPROPANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34544	1,2-DICHLOROPROPANE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34549	TRANS-1,2-DICHLOROETHENE, IN SED. DRY WT. UG/KG	09/12/80-09/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34564	1,3-DICHLOROPROPENE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34566	1,3-DICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34571	1,4-DICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34579	2-CHLOROETHYL VINYL ETHER DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34581	2-CHLORONAPHTHALENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34586	2-CHLOROPHENOL TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34589	2-CHLOROPHENOL DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34591	2-NITROPHENOL TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34594	2-NITROPHENOL DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34596	DI-N-OCTYL PHTHALATE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34601	2,4-DICHLOROPHENOL TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34604	2,4-DICHLOROPHENOL DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34606	2,4-DIMETHYLPHENOL TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34611	2,4-DINITROTOLUENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34614	2,4-DINITROTOLUENE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34616	2,4-DINITROPHENOL TOTWUG/L	09/10/80-09/10/80	1 ##	125.	125.	125.	125.	0.	0.	**	**	**	**
34619	2,4-DINITROPHENOL DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34624	2,4,6-TRICHLOROPHENOL DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34626	2,6-DINITROTOLUENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34629	2,6-DINITROTOLUENE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34634	3,3'-DICHLOROBENZIDINE DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34639	4-BROMOPHENYL PHENYL ETHER DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34644	4-CHLOROPHENYL PHENYL ETHER DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34646	4-NITROPHENOL TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34649	4-NITROPHENOL DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	09/10/80-09/10/80	1 ##	125.	125.	125.	125.	0.	0.	**	**	**	**
34660	DNOC (4,6-DINITRO-ORTHO-CRESOL) DRY WGTBOTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34668	DICHLORODIFUOROMETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34671	PCB - 1016 TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34695	PHENOL(C6H5OH)-SINGLE COMPOUND DRY WGTTUG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34696	NAPHTHALENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	09/12/80-09/12/80	1	500.	500.	500.	500.	0.	0.	**	**	**	**
39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39121	BENZIDINE IN BOTTOM DEPOS UG/KG DRY SOLIDS	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	09/10/80-09/10/80	1	13.	13.	13.	13.	0.	0.	**	**	**	**
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	09/12/80-09/12/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	01/24/73-12/04/73	13	97.	107.154	190.	55.	1465.141	38.277	56.2	86.	140.	174.
70001	COMPOSITE LOCATION IN A CROSS SECTION	09/10/80-09/10/80	1	7100.	7100.	7100.	7100.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/07/73-12/04/73	2	200.	200.	230.	170.	1800.	42.426	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	01/24/73-09/10/80	14	0.2	0.343	1.3	0.1	0.123	0.35	0.1	0.1	0.4	1.1
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/12/80-09/12/80	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
77161	1,2-DICHLOROPROPENE WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0169

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	25	5	0.20	11	2	0.18	9	2	0.22	5	1	0.20			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	15 &	5	0.33	3	3	1.00	7	0	0.00	5	2	0.40			
00400	PH	Fresh Chronic	9.	28	0	0.00	14	0	0.00	9	0	0.00	5	0	0.00			
		Other-Lo Lim.	6.5	28	1	0.04	14	1	0.07	9	0	0.00	5	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	13	0	0.00	6	0	0.00	4	0	0.00	3	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	13	0	0.00	6	0	0.00	4	0	0.00	3	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	13	0	0.00	6	0	0.00	5	0	0.00	2	0	0.00			
00720	CYANIDE, TOTAL	Fresh Acute	0.022	1	0	0.00	1	0	0.00									
		Drinking Water	0.2	1	0	0.00	1	0	0.00									
00722	CYANIDE, FREE (AMENABLE TO CHLORINATION)	Fresh Acute	0.022	25	17	0.68	11	8	0.73	9	6	0.67	5	3	0.60			
		Drinking Water	0.2	25	4	0.16	11	4	0.36	9	0	0.00	5	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	14	0	0.00	7	0	0.00	5	0	0.00	2	0	0.00			
		Drinking Water	250.	14	0	0.00	7	0	0.00	5	0	0.00	2	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	13	0	0.00	6	0	0.00	5	0	0.00	2	0	0.00			
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	13	0	0.00	6	0	0.00	5	0	0.00	2	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	14	0	0.00	7	0	0.00	5	0	0.00	2	0	0.00			
		Drinking Water	50.	14	0	0.00	7	0	0.00	5	0	0.00	2	0	0.00			
01007	BARIUM, TOTAL	Drinking Water	2000.	13	0	0.00	6	0	0.00	5	0	0.00	2	0	0.00			
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	14	0	0.00	7	0	0.00	5	0	0.00	2	0	0.00			
		Drinking Water	4.	0 &	0	0.00												
01027	CADMIUM, TOTAL	Fresh Acute	3.9	13 &	7	0.54	6	4	0.67	5	2	0.40	2	1	0.50			
		Drinking Water	5.	13 &	7	0.54	6	4	0.67	5	2	0.40	2	1	0.50			
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	26	2	0.08	14	1	0.07	9	1	0.11	3	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	23 &	14	0.61	10	6	0.60	9	4	0.44	4	4	1.00			
		Drinking Water	1300.	24	0	0.00	11	0	0.00	9	0	0.00	4	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	13 &	4	0.31	6	1	0.17	5	2	0.40	2	1	0.50			
		Drinking Water	15.	13 &	9	0.69	6	5	0.83	5	2	0.40	2	2	1.00			
01059	THALLIUM, TOTAL	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	2.	0 &	0	0.00												
01067	NICKEL, TOTAL	Fresh Acute	1400.	22	0	0.00	11	0	0.00	8	0	0.00	3	0	0.00			
		Drinking Water	100.	22	1	0.05	11	0	0.00	8	1	0.13	3	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	100.	14	0	0.00	7	0	0.00	5	0	0.00	2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0169

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01092	ZINC, TOTAL	Fresh Acute	120.	24	13	0.54	11	5	0.45	9	6	0.67	4	2	0.50			
		Drinking Water	5000.	24	0	0.00	11	0	0.00	9	0	0.00	4	0	0.00			
01097	ANTIMONY, TOTAL	Fresh Acute	88.	0 &	0	0.00												
		Drinking Water	6.	0 &	0	0.00												
01147	SELENIUM, TOTAL	Fresh Acute	20.	13 &	0	0.00	6	0	0.00	5	0	0.00	2	0	0.00			
		Drinking Water	50.	14	0	0.00	7	0	0.00	5	0	0.00	2	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	29	29	1.00	13	13	1.00	11	11	1.00	5	5	1.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	28	25	0.89	12	12	1.00	11	8	0.73	5	5	1.00			
32101	BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32102	CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	0 &	0	0.00												
32104	BROMOFORM, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32105	DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32106	CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	1	0	0.00	1	0	0.00									
		Drinking Water	1000.	1	0	0.00	1	0	0.00									
34205	ACENAPHTHENE, TOTAL	Fresh Acute	1700.	1	0	0.00	1	0	0.00									
34210	ACROLEIN, TOTAL	Fresh Acute	68.	1	0	0.00	1	0	0.00									
34215	ACRYLONITRILE, TOTAL	Fresh Acute	7550.	1	0	0.00	1	0	0.00									
34301	CHLOROBENZENE, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
34346	1,2-DIPHENYLHYDRAZINE, TOTAL	Fresh Acute	270.	1	0	0.00	1	0	0.00									
34356	ENDOSULFAN, BETA, TOTAL	Fresh Acute	0.22	0 &	0	0.00												
34361	ENDOSULFAN, ALPHA, TOTAL	Fresh Acute	0.22	0 &	0	0.00												
34371	ETHYLBENZENE, TOTAL	Fresh Acute	32000.	1	0	0.00	1	0	0.00									
		Drinking Water	700.	1	0	0.00	1	0	0.00									
34376	FLUORANTHENE, TOTAL	Fresh Acute	3980.	1	0	0.00	1	0	0.00									
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL	Fresh Acute	7.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
34391	HEXACHLOROBUTADIENE, TOTAL	Fresh Acute	90.	1	0	0.00	1	0	0.00									
34396	HEXACHLOROETHANE, TOTAL	Fresh Acute	980.	1	0	0.00	1	0	0.00									
34403	INDENO (1,2,3-CD) PYRENE, TOTAL	Drinking Water	0.4	0 &	0	0.00												
34408	ISOPHORONE, TOTAL	Fresh Acute	117000.	1	0	0.00	1	0	0.00									
34423	METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	1	1	1.00	1	1	1.00									
34447	NITROBENZENE, TOTAL	Fresh Acute	27000.	1	0	0.00	1	0	0.00									
34452	PARACHLOROMETA CRESOL, TOTAL	Fresh Acute	30.	1	0	0.00	1	0	0.00									
34461	PHENANTHRENE, TOTAL	Fresh Acute	30.	1	0	0.00	1	0	0.00									
34475	TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	1	1.00	1	1	1.00									
34501	1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	1	0	0.00	1	0	0.00									
34506	1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	1	0	0.00	1	0	0.00									
34511	1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	0 &	0	0.00												
34531	1,2-DICHLOROETHANE, TOTAL	Fresh Acute	118000.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	0 &	0	0.00												
34536	1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00	1	0	0.00									
34541	1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	0 &	0	0.00												
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	1	0	0.00	1	0	0.00									
34551	1,2,4-TRICHLOROBENZENE, TOTAL	Drinking Water	70.	1	0	0.00	1	0	0.00									
34566	1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00	1	0	0.00									
34571	1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	1	0	0.00	1	0	0.00									
34586	2-CHLOROPHENOL, TOTAL	Fresh Acute	4380.	1	0	0.00	1	0	0.00									
34601	2,4-DICHLOROPHENOL, TOTAL	Fresh Acute	2020.	1	0	0.00	1	0	0.00									
34606	2,4-DIMETHYLPHENOL, TOTAL	Fresh Acute	2120.	1	0	0.00	1	0	0.00									
34611	2,4-DINITROTOLUENE, TOTAL	Fresh Acute	330.	1	0	0.00	1	0	0.00									
34694	PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	Fresh Acute	10200.	1	0	0.00	1	0	0.00									
34696	NAPHTHALENE, TOTAL	Fresh Acute	2300.	1	0	0.00	1	0	0.00									
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	1.	0 &	0	0.00												

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0169

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	Fresh Acute	2000.	1	0	0.00	1	0	0.00									
		Drinking Water	6.	1	0	0.00	1	0	0.00									
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	0 &	0	0.00												
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	1	1.00	1	1	1.00									
39300	P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	0 &	0	0.00												
39310	P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	0 &	0	0.00												
39320	P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	1	0	0.00	1	0	0.00									
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	0 &	0	0.00												
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	0 &	0	0.00												
		Drinking Water	0.2	0 &	0	0.00												
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	0 &	0	0.00												
		Drinking Water	2.	0 &	0	0.00												
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	0 &	0	0.00												
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	0 &	0	0.00												
		Drinking Water	2.	0 &	0	0.00												
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	0 &	0	0.00												
		Drinking Water	3.	0 &	0	0.00												
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	0 &	0	0.00												
		Drinking Water	0.4	0 &	0	0.00												
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	0 &	0	0.00												
		Drinking Water	0.2	0 &	0	0.00												
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	1	0	0.00	1	0	0.00									
		Drinking Water	1.	0 &	0	0.00												
71900	MERCURY, TOTAL	Fresh Acute	2.4	14	0	0.00	7	0	0.00	5	0	0.00	2	0	0.00			
		Drinking Water	2.	14	0	0.00	7	0	0.00	5	0	0.00	2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 6/01 to 10/31 - Station CHCH0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/07/67-09/12/80	16	1.	1.688	7.	0.	4.363	2.089	0.7	1.	1.	7.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/07/67-09/10/80	15	24.5	23.9	30.	16.	11.793	3.434	17.92	21.9	26.	28.02
00300	OXYGEN, DISSOLVED MG/L	09/07/67-09/10/80	15 ##	0.05	0.2	2.2	0.05	0.306	0.554	0.05	0.05	0.05	0.94
00400	PH (STANDARD UNITS)	09/07/67-09/10/80	14	7.1	7.114	8.1	6.	0.274	0.523	6.35	6.8	7.325	8.05
00400	CONVERTED PH (STANDARD UNITS)	09/07/67-09/10/80	14	7.1	6.817	8.1	6.	0.369	0.607	6.35	6.8	7.325	8.05
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/07/67-09/10/80	14	0.079	0.153	1.	0.008	0.063	0.25	0.009	0.048	0.158	0.6
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/07/67-09/10/80	14 ##	25.	30.179	150.	2.5	1449.485	38.072	2.5	4.375	35.	100.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 2/29 - Station CHCH0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/07/67-09/12/80	12	1.	1.333	5.	1.	1.333	1.155	1.	1.	1.	3.8
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/07/67-09/10/80	9	9.8	10.211	15.6	4.2	13.256	3.641	4.2	8.	13.35	15.6
00300	OXYGEN, DISSOLVED MG/L	09/07/67-09/10/80	9	7.	5.956	10.2	0.05	13.547	3.681	0.05	2.725	8.55	10.2
00400	PH (STANDARD UNITS)	09/07/67-09/10/80	9	7.2	7.333	8.3	6.6	0.355	0.596	6.6	6.85	7.95	8.3
00400	CONVERTED PH (STANDARD UNITS)	09/07/67-09/10/80	9	7.2	7.068	8.3	6.6	0.434	0.659	6.6	6.85	7.95	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/07/67-09/10/80	9	0.063	0.086	0.251	0.005	0.007	0.081	0.005	0.012	0.142	0.251
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/07/67-09/10/80	9 ##	16.	30.111	170.	2.5	2861.986	53.498	2.5	2.5	25.	170.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 3/01 to 5/31 - Station CHCH0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/07/67-09/12/80	5	1.	1.	1.	1.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/07/67-09/10/80	5	18.3	17.54	22.8	11.3	20.313	4.507	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/07/67-09/10/80	5	4.9	3.8	5.7	1.	4.79	2.189	**	**	**	**
00400	PH (STANDARD UNITS)	09/07/67-09/10/80	5	7.1	7.26	8.3	6.8	0.353	0.594	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/07/67-09/10/80	5	7.1	7.073	8.3	6.8	0.397	0.63	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/07/67-09/10/80	5	0.079	0.084	0.158	0.005	0.003	0.055	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/07/67-09/10/80	3 ##	2.5	10.	25.	2.5	168.75	12.99	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: CHCH0170

NPS Station ID: CHCH0170
LAT/LON: 35.018892/ -85.325838
Agency: 1113S000
Date Created: / /
Location: CHATT CK AT L&N RR BRIDGE-MI. .6
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 470200 /TR-C-0.6
RMI-Indexes: 1021500 007720 00920 6140
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 000.60
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001006
RF1 Mile Point: 0.100
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 06020001124100.00
RF3 Mile Point: 0.22
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0170

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/27/73-03/08/73	7	1.	1.	1.	1.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/27/73-03/07/73	7	11.5	12.071	14.5	10.	4.119	2.03	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	02/27/73-03/07/73	7	85.	158.714	374.	68.	13565.905	116.473	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/27/73-03/07/73	7	24.	44.857	130.	16.	1880.143	43.361	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/27/73-03/07/73	7	240.	279.	420.	205.	6113.667	78.19	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	02/27/73-03/07/73	7	5.8	5.943	7.1	4.8	0.516	0.718	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	02/27/73-03/07/73	7	5.3	8.929	32.	2.8	105.406	10.267	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	02/27/73-03/02/73	2 ##	58.5	58.5	92.	25.	2244.5	47.376	**	**	**	**
00400	PH (STANDARD UNITS)	02/27/73-03/07/73	7	7.	7.05	7.2	6.9	0.017	0.132	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/27/73-03/07/73	7	7.	7.033	7.2	6.9	0.018	0.134	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/27/73-03/07/73	7	0.1	0.093	0.126	0.063	0.001	0.028	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	02/27/73-03/07/73	7	7.3	7.314	7.6	7.1	0.045	0.212	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	02/27/73-03/07/73	7	7.3	7.274	7.6	7.1	0.047	0.216	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/27/73-03/07/73	7	0.05	0.053	0.079	0.025	0.001	0.023	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/27/73-03/07/73	7	75.	75.429	97.	59.	174.286	13.202	**	**	**	**
00435	ACIDITY, TOTAL (MG/L AS CACO3)	02/27/73-03/07/73	7	3.	3.286	7.	2.	3.238	1.799	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	02/27/73-03/07/73	7	231.	238.571	373.	175.	4601.286	67.833	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	02/27/73-03/07/73	7	47.	49.143	90.	24.	509.476	22.572	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	02/27/73-03/07/73	7	185.	192.	293.	147.	2445.667	49.454	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/27/73-03/07/73	7	28.	42.857	95.	14.	1060.143	32.56	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/27/73-03/07/73	7	13.	14.286	40.	0.	168.238	12.971	**	**	**	**
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	03/01/73-03/07/73	3 ##	2.5	4.667	9.	2.5	14.083	3.753	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/27/73-03/07/73	7	2.38	2.249	3.59	0.46	1.184	1.088	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/27/73-03/07/73	7	2.8	2.487	4.02	0.9	1.252	1.119	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/27/73-03/07/73	7	0.34	0.359	0.54	0.28	0.007	0.085	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/27/73-03/07/73	7	0.14	0.189	0.41	0.08	0.014	0.118	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/27/73-03/07/73	7	5.	7.143	20.	4.	34.143	5.843	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	02/28/73-03/07/73	4 ##	0.005	0.009	0.02	0.005	0.	0.008	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	02/27/73-03/07/73	7 ##	14.5	14.5	14.5	14.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/27/73-03/07/73	7 ##	10.	15.429	48.	10.	206.286	14.363	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	02/27/73-03/07/73	7 ##	5.	8.143	27.	5.	69.143	8.315	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	02/27/73-03/07/73	7	1110.	2177.143	4700.	990.	2702457.143	1643.915	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	02/27/73-03/07/73	7	90.	96.714	200.	50.	3148.905	56.115	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	02/27/73-03/07/73	7	298.	294.429	497.	158.	14770.619	121.534	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	02/27/73-03/07/73	7 ##	40.	40.	40.	40.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	02/27/73-03/07/73	7	130.	111.429	213.	26.	4620.619	67.975	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/27/73-03/07/73	7	33000.	271000.	1600000.	13000.346072000000.		588278.845	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/27/73-03/07/73	7	4.519	4.752	6.204	4.114	0.553	0.744	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0170

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			56554.043								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/27/73-03/07/73	7	2300.	57000.	350000.	1300.16840626666.667		129771.44	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/27/73-03/07/73	7	3.362	3.839	5.544	3.114	0.816	0.904	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6895.143								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	02/28/73-03/07/73	5	35.	112.6	257.	18.	13903.3	117.912	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0170

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	7	2	0.29				2	0	0.00	5	2	0.40			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	7	0	0.00				2	0	0.00	5	0	0.00			
00400	PH	Fresh Chronic	9.	7	0	0.00				2	0	0.00	5	0	0.00			
		Other-Lo Lim.	6.5	7	0	0.00				2	0	0.00	5	0	0.00			
00403	PH, LAB	Fresh Chronic	9.	7	0	0.00				2	0	0.00	5	0	0.00			
		Other-Lo Lim.	6.5	7	0	0.00				2	0	0.00	5	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	7	0	0.00				2	0	0.00	5	0	0.00			
00720	CYANIDE, TOTAL	Fresh Acute	0.022	4	0	0.00				1	0	0.00	3	0	0.00			
		Drinking Water	0.2	4	0	0.00				1	0	0.00	3	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	7	0	0.00				2	0	0.00	5	0	0.00			
		Drinking Water	50.	7	0	0.00				2	0	0.00	5	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	7	0	0.00				2	0	0.00	5	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	7	1	0.14				2	0	0.00	5	1	0.20			
		Drinking Water	1300.	7	0	0.00				2	0	0.00	5	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	7	4	0.57				2	1	0.50	5	3	0.60			
		Drinking Water	15.	4 &	4	1.00				1	1	1.00	3	3	1.00			
01067	NICKEL, TOTAL	Fresh Acute	1400.	7	0	0.00				2	0	0.00	5	0	0.00			
		Drinking Water	100.	7	0	0.00				2	0	0.00	5	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	7	4	0.57				2	2	1.00	5	2	0.40			
		Drinking Water	5000.	7	0	0.00				2	0	0.00	5	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	7	7	1.00				2	2	1.00	5	5	1.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	7	7	1.00				2	2	1.00	5	5	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0171

NPS Station ID: CHCH0171
LAT/LON: 35.018892/ -85.326392
Agency: 111TSILL
Date Created: 04/18/78
Location: CHATTANOOGA
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 188
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 06020001
Depth of Water: 3276
Aquifer:
Major Basin: TENNESSEE RIVER
Elevation: 0
Water Body Id:
Minor Basin: TENN.R.MAIN STEM & MINOR TRIBS.
ECO Region:
RF1 Index: 06020001006
RF1 Mile Point: 0.100
Distance from RF1: 0.70
On/Off RF1: OFF
RF3 Index: 06020001002909.52
RF3 Mile Point: 10.98
Distance from RF3: 0.06
On/Off RF3:
Description:
NR L & N RR BRIDGE CHATANOOGA TN MIDSTREAM
OTS STUDY BY THE INST. FOR ENVIRONMENTAL STUDIES UNIVERSITY OF ILLINOIS

Parameter Inventory for Station: CHCH0171

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32106	CHLOROFORM,WHOLE WATER,UG/L	08/21/76-08/21/76	1	2.	2.	2.	2.	0.	0.	**	**	**	**
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	08/21/76-08/21/76	1	2.	2.	2.	2.	0.	0.	**	**	**	**
34336	DIETHYL PHTHALATE TOTWUG/L	08/21/76-08/21/76	1	2.	2.	2.	2.	0.	0.	**	**	**	**
34461	PHENANTHRENE TOTWUG/L	08/21/76-08/21/76	1	1.	1.	1.	1.	0.	0.	**	**	**	**
34469	PYRENE TOTWUG/L	08/21/76-08/21/76	1	1.	1.	1.	1.	0.	0.	**	**	**	**
34475	TETRACHLOROETHYLENE TOTWUG/L	08/21/76-08/21/76	1	13.	13.	13.	13.	0.	0.	**	**	**	**
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	08/21/76-08/21/76	1	4.	4.	4.	4.	0.	0.	**	**	**	**
39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	08/21/76-08/21/76	1	4.	4.	4.	4.	0.	0.	**	**	**	**
39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	08/21/76-08/21/76	1	8.	8.	8.	8.	0.	0.	**	**	**	**
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	08/21/76-08/21/76	1	3.	3.	3.	3.	0.	0.	**	**	**	**
81436	CAFFEINE WHL WATER SMPL UG/L	08/21/76-08/21/76	1	6.	6.	6.	6.	0.	0.	**	**	**	**
81445	DIISOBUTYL PHTHALATE WHL WATER SMPL UG/L	08/21/76-08/21/76	1	2.	2.	2.	2.	0.	0.	**	**	**	**
81457	FATTY ACID METHYL ESTER C 19 WHL WATER SMPL UG/L	08/21/76-08/21/76	1	1.	1.	1.	1.	0.	0.	**	**	**	**
81458	FATTY ACID METHYL ESTER C 20 WHL WATER SMPL UG/L	08/21/76-08/21/76	1	3.	3.	3.	3.	0.	0.	**	**	**	**
81461	FATTY ACID METHYL ESTER C 23 WHL WATER SMPL UG/L	08/21/76-08/21/76	1	39.	39.	39.	39.	0.	0.	**	**	**	**
81466	HYDROCARBON C 8 WHL WATER SMPL UG/L	08/21/76-08/21/76	1	1.	1.	1.	1.	0.	0.	**	**	**	**
81467	HYDROCARBON C 10 WHL WATER SMPL UG/L	08/21/76-08/21/76	1	4.	4.	4.	4.	0.	0.	**	**	**	**
81468	HYDROCARBON C 12 WHL WATER SMPL UG/L	08/21/76-08/21/76	1	2.	2.	2.	2.	0.	0.	**	**	**	**
81469	HYDROCARBON C 14 WHL WATER SMPL UG/L	08/21/76-08/21/76	1	17.	17.	17.	17.	0.	0.	**	**	**	**
81471	HYDROCARBON C 16 WHL WATER SMPL UG/L	08/21/76-08/21/76	1	12.	12.	12.	12.	0.	0.	**	**	**	**
81474	HYDROCARBON C 18 WHL WATER SMPL UG/L	08/21/76-08/21/76	1	17.	17.	17.	17.	0.	0.	**	**	**	**
81475	HYDROCARBON C 20 WHL WATER SMPL UG/L	08/21/76-08/21/76	1	5.	5.	5.	5.	0.	0.	**	**	**	**
81476	HYDROCARBON C 22 WHL WATER SMPL UG/L	08/21/76-08/21/76	1	1.	1.	1.	1.	0.	0.	**	**	**	**
81477	HYDROCARBON C 24 WHL WATER SMPL UG/L	08/21/76-08/21/76	1	2.	2.	2.	2.	0.	0.	**	**	**	**
81478	HYDROCARBON C 26 WHL WATER SMPL UG/L	08/21/76-08/21/76	1	1.	1.	1.	1.	0.	0.	**	**	**	**
81481	METHOXY CARBONYL BENZOPHENONE WHL WATER SMPL UG/L	08/21/76-08/21/76	1	27.	27.	27.	27.	0.	0.	**	**	**	**
81489	METHYL MYRISTATE WHL WATER SMPL UG/L	08/21/76-08/21/76	1	10.	10.	10.	10.	0.	0.	**	**	**	**
81490	METHYL NAPHTHOATE WHL WATER SMPL UG/L	08/21/76-08/21/76	1	3.	3.	3.	3.	0.	0.	**	**	**	**
81491	METHYL PALMITATE WHL WATER SMPL UG/L	08/21/76-08/21/76	1	30.	30.	30.	30.	0.	0.	**	**	**	**
81492	METHYL PENTACHLOROPHENYL ETHER WHL WATER SMPL UG/L	08/21/76-08/21/76	1	14.	14.	14.	14.	0.	0.	**	**	**	**
81494	METHYL STEARATE WHL WATER SMPL UG/L	08/21/76-08/21/76	1	87.	87.	87.	87.	0.	0.	**	**	**	**
81495	METHYL TETRACHLOROPHENYL ETHER WHL WATER SMPL UG/L	08/21/76-08/21/76	1	10.	10.	10.	10.	0.	0.	**	**	**	**
81505	TERPINEOL C=15 WHL WATER SMPL UG/L	08/21/76-08/21/76	1	4.	4.	4.	4.	0.	0.	**	**	**	**
81513	BIPHENYL WHL WATER SMPL UG/L	08/21/76-08/21/76	1	2.	2.	2.	2.	0.	0.	**	**	**	**
81531	DIMETHYL NAPTHALENE WHL WATER SMPL UG/L	08/21/76-08/21/76	1	3.	3.	3.	3.	0.	0.	**	**	**	**
81545	INDOLE WHL WATER SMPL UG/L	08/21/76-08/21/76	1	11.	11.	11.	11.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0171

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
81546	METHYL ACENAPTHENE WHL WATER SMPL UG/L	08/21/76-08/21/76	1	2.	2.	2.	2.	0.	0.	**	**	**	**
81579	DIMETHYL SULFIDE WHL WATER SMPL UG/L	08/21/76-08/21/76	1	1.	1.	1.	1.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0171

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
32106	CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	1	0	0.00	1	0	0.00									
		Drinking Water	1000.	1	0	0.00	1	0	0.00									
34461	PHENANTHRENE, TOTAL	Fresh Acute	30.	1	0	0.00	1	0	0.00									
34475	TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	1	1.00	1	1	1.00									
34506	1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	1	0	0.00	1	0	0.00									
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	Fresh Acute	2000.	1	0	0.00	1	0	0.00									
		Drinking Water	6.	1	0	0.00	1	0	0.00									
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0172

NPS Station ID: CHCH0172 LAT/LON: 35.019003/ -85.339615 Agency: 11NPSWRD Date Created: 04/03/99
Location: LOOKOUT MOUNTAIN CAVE FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/SPRING/TUNNEL STORET Station ID(s): CHCH_HHH_LMC
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: TENNESSEE RIVER Elevation: 0 Water Body Id:
Minor Basin: TENNESSEE R-MAIN STEM & MINOR TRIBS ECO Region:
RF1 Index: 06020001 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 06020001011302.01 RF3 Mile Point: 3.41 Distance from RF3: 0.11 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE CHATTANOOGA TENNESSEE 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THIS SITE IS AT LOOKOUT MOUNTAIN CAVE AND IS OUTSIDE OF THE CHICKAMAUGA AND CHATTANOOGA NATIONAL MILITARY PARK BOUNDARIES. DATA ARE FROM A REPORT BY HORTON H. HOBBS III; "ASSESSMENT OF THE ECOLOGICAL RESOURCES OF THE CAVES OF RUSSELL CAVE NATIONAL MONUMENT JACKSON COUNTY ALABAMA AND SELECTED CAVES AT THE LOOKOUT MOUNTAIN UNIT OF CHICKAMAUGA-CHATTANOOGA NATIONAL MILITARY PARK DADE COUNTY GEORGIA AND HAMILTON COUNTY TENNESSEE;" JANUARY 1994. THE PURPOSE OF THIS REPORT WAS TO ASSESS "THE RESOURCES OF THESE TWO AREAS" AND TO MAKE "RECOMMENDATIONS FOR MANAGEMENT OF THE CAVES PROPER AND THEIR HYDROLOGICAL RECHARGE AREAS." DATA WERE PROCESSED AND UPLOADED TO STORET BY RONDA BURNS NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: CHCH0172

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/17/92-12/17/92	1	14.6	14.6	14.6	14.6	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/17/92-12/17/92	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00052	HUMIDITY, RELATIVE (PERCENT)	12/17/92-12/17/92	1	100.	100.	100.	100.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/17/92-12/17/92	1	211.	211.	211.	211.	0.	0.	**	**	**	**
00154	SULFATE (AS S) WHOLE WATER, MG/L	12/17/92-12/17/92	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	12/17/92-12/17/92	1	7.84	7.84	7.84	7.84	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	12/17/92-12/17/92	1	7.84	7.84	7.84	7.84	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/17/92-12/17/92	1	0.014	0.014	0.014	0.014	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/17/92-12/17/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/17/92-12/17/92	1	142.	142.	142.	142.	0.	0.	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	12/17/92-12/17/92	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	12/17/92-12/17/92	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0172

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00154	SULFATE (AS S) WHOLE WATER	Drinking Water	250.	1	0	0.00				1	0	0.00						
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0173

NPS Station ID: CHCH0173
LAT/LON: 35.019170/ -85.304448
Agency: 21TNWQ
Date Created: 10/01/83
Location: CHATTANOOGA CREEK 2.38 QUAD 105SE
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM/SOLIDS
STORET Station ID(s): CHATTCRIS22
RMI-Indexes: 1021500 007720 00920 6140
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 002.38
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 14.90
On/Off RF1:
RF3 Index: 06020001124402.18
RF3 Mile Point: 3.04
Distance from RF3: 0.00
On/Off RF3:
Description:
TENN DIVISION OF WATER MANAGEMENT LIBRARY FILE INDEX NO. BG0.12

Parameter Inventory for Station: CHCH0173

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/16/81-11/16/81	2	69.	69.	120.	18.	5202.	72.125	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11/16/81-11/16/81	2	31.5	31.5	51.	12.	760.5	27.577	**	**	**	**
01054	MANGANESE, SUSPENDED (UG/L AS MN)	11/16/81-11/16/81	1	140.	140.	140.	140.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/16/81-11/16/81	2	38.5	38.5	58.	19.	760.5	27.577	**	**	**	**
34208	ACENAPHTHENE DRY WGTBOTUG/KG	11/16/81-11/16/81	2	12050.	12050.	20000.	4100.	126405000.	11242.998	**	**	**	**
34223	ANTHRACENE DRY WGTBOTUG/KG	11/16/81-11/16/81	2	78450.	78450.	131000.	25900.	5523005000.	74316.923	**	**	**	**
34379	FLUORANTHENE DRY WGTBOTUG/KG	11/16/81-11/16/81	2	149000.	149000.	264000.	34000.	26450000000.	162634.56	**	**	**	**
34384	FLUORENE DRY WGTBOTUG/KG	11/16/81-11/16/81	2	88000.	88000.	154000.	22000.	8712000000.	93338.095	**	**	**	**
34464	PHENANTHRENE DRY WGTBOTUG/KG	11/16/81-11/16/81	1	380000.	380000.	380000.	380000.	0.	0.	**	**	**	**
34472	PYRENE DRY WGTBOTUG/KG	11/16/81-11/16/81	1	284000.	284000.	284000.	284000.	0.	0.	**	**	**	**
34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	11/16/81-11/16/81	1	99700.	99700.	99700.	99700.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: CHCH0174

NPS Station ID: CHCH0174
LAT/LON: 35.020838/ -85.322503
Agency: 11EPALES
Date Created: / /
Location: CHATTANOOGA CREEK
FIPS State/County: 47000 TENNESSEE/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 4717J1
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: T/NICKAJACK LAKE
Elevation: 0
Water Body Id:
Minor Basin: BELO RR BRDG NEAR CRAVENS RR YARD
ECO Region:
RF1 Index: 06020001006
RF1 Mile Point: 0.100
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 06020001000301.03
RF3 Mile Point: 1.02
Distance from RF3: 0.01
On/Off RF3:
Description:
STORM SEWER XING BENEATH RR BRIDGE NEAR CRAVENS YARD (RR) IN CHATTANOOGA

Parameter Inventory for Station: CHCH0174

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/14/73-03/26/74	13	0.6	1.079	3.8	0.13	1.339	1.157	0.13	0.25	1.61	3.48
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/14/73-03/26/74	12	0.022	0.055	0.275	0.001	0.007	0.083	0.001	0.008	0.065	0.242
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/14/73-03/26/74	12	0.265	0.261	0.63	0.005	0.037	0.192	0.009	0.062	0.418	0.572
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/14/73-03/26/74	13	2.2	2.428	7.5	0.4	3.852	1.963	0.44	0.975	3.075	6.46
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/14/73-03/26/74	13	0.27	0.326	0.71	0.02	0.044	0.21	0.024	0.195	0.46	0.69
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/14/73-03/26/74	13	0.18	0.313	0.87	0.07	0.101	0.318	0.074	0.087	0.58	0.866
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/14/73-03/26/74	13	0.028	0.096	0.435	0.01	0.021	0.145	0.011	0.016	0.123	0.411

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0174

				Total	Exceed	Prop.	----------6/01-10/31----------			----------11/01-2/29----------			----------3/01-5/31----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	12	0	0.00	4	0	0.00	5	0	0.00	3	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	12	0	0.00	4	0	0.00	5	0	0.00	3	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	13	0	0.00	5	0	0.00	5	0	0.00	3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0175

NPS Station ID: CHCH0175
LAT/LON: 35.020838/ -85.357781
Agency: 11EPALES
Date Created: / /
Location: LOOKOUT CREEK
FIPS State/County: 47000 TENNESSEE/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 4717H1
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: T/NICKAJACK LAKE
Elevation: 0
Water Body Id:
Minor Basin: BANK BELO RR BRDG E OF TIFTONIA
ECO Region:
RF1 Index: 06020001003
RF1 Mile Point: 2.470
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 06020001144100.00
RF3 Mile Point: 0.00
Distance from RF3: 0.16
On/Off RF3:
Description:
BANK BELOW RR BRIDGE IMMEDIATELY UPSTREAM OF US 11,41,64,72 JUST E OF TIFTONIA

Parameter Inventory for Station: CHCH0175

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/14/73-03/26/74	13	0.044	0.105	0.65	0.003	0.03	0.174	0.006	0.02	0.104	0.478
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/14/73-03/26/74	13	0.003	0.005	0.011	0.001	0.	0.003	0.001	0.002	0.008	0.011
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/14/73-03/26/74	13	0.29	0.371	1.9	0.1	0.218	0.467	0.114	0.165	0.328	1.274
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/14/73-03/26/74	13	0.46	0.702	2.4	0.1	0.575	0.758	0.1	0.11	1.	2.28
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/14/73-03/26/74	13	0.3	0.376	1.9	0.11	0.216	0.465	0.122	0.17	0.33	1.276
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/14/73-03/26/74	13	0.07	0.068	0.125	0.025	0.001	0.037	0.027	0.032	0.105	0.119
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/14/73-03/26/74	13	0.015	0.017	0.03	0.003	0.	0.008	0.006	0.01	0.024	0.029

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0175

				Total	Exceed	Prop.	6/01-10/31			11/01-2/29			3/01-5/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	13	0	0.00	5	0	0.00	5	0	0.00	3	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	13	0	0.00	5	0	0.00	5	0	0.00	3	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	13	0	0.00	5	0	0.00	5	0	0.00	3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0176

NPS Station ID: CHCH0176
Location: BOAT LAUNCH SITE
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes: 1021500 007720 00920
RMI-Miles: 0953.80 0046.50 440.00
HUC: 06020001
Major Basin: TENNESSEE RIVER BASIN
Minor Basin: TENNESSEE RIVER 440.0
RF1 Index: 06020001001
RF3 Index: 06020001000101.31
Description:

LAT/LON: 35.020838/ -85.459727
Depth of Water: 0
Elevation: 0
RF1 Mile Point: 21.930
RF3 Mile Point: 1.30

Agency: 131TVAC
FIPS State/County: 47115 TENNESSEE/MARION
STORET Station ID(s): 476699
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.00

Date Created: 03/15/86
On/Off RF1: ON
On/Off RF3:

Parameter Inventory for Station: CHCH0176

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/27/86-06/11/92	24	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/27/86-06/11/92	24	43.	100.958	790.	5.	32465.172	180.181	5.	12.	85.75	346.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/27/86-06/11/92	24	1.628	1.596	2.898	0.699	0.364	0.604	0.699	1.064	1.931	2.484
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			39.428								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0176

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	24	2	0.08	17	1	0.06				7	1	0.14			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0177

NPS Station ID: CHCH0177 LAT/LON: 35.021115/ -85.322226 Agency: 21TNWQ Date Created: / /
Location: CHATTANOOGA CR 0.9 @ SOUTHERN RR QUAD 105SE FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM/TISSUE STORET Station ID(s): 000590 /330590 /230590
RMI-Indexes: 1021500 007720 00920 6140 Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 000.90
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN ECO Region:
RF1 Index: 06020001006 RF1 Mile Point: 0.100 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 06020001124400.28 RF3 Mile Point: 3.33 Distance from RF3: 0.04 On/Off RF3:
Description:
L AND N RR BRIDGE AT RENDERING PLANT

Parameter Inventory for Station: CHCH0177

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/18/82-11/17/87	58	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/82-12/15/98	166	15.	15.402	29.	1.5	45.081	6.714	7.	9.65	21.35	24.86
00023	SAMPLE WEIGHT IN POUNDS	05/02/84-09/30/91	11	1.5	3.062	18.	0.44	25.315	5.031	0.476	0.75	2.5	15.05
00024	SAMPLE LENGTH IN INCHES	05/02/84-09/30/91	11	13.5	13.464	19.5	7.5	18.527	4.304	7.65	9.	17.5	19.15
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/09/91-12/15/98	42	216.	221.929	426.	111.	4831.336	69.508	146.6	165.25	256.25	316.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/18/82-11/14/94	120	230.	283.133	4297.	110.	148825.68	385.779	142.8	178.	288.25	352.
00300	OXYGEN, DISSOLVED MG/L	10/18/82-12/15/98	163	6.	6.404	20.5	0.1	10.588	3.254	2.1	4.1	9.	10.32
00310	BOD, 5 DAY, 20 DEG C MG/L	10/18/82-12/15/98	155 ##	2.5	2.723	17.	0.3	2.521	1.588	2.	2.5	2.5	3.
00324	BOD, 20 DAY, 20 DEG C MG/L	06/11/91-06/11/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	10/18/82-12/15/98	151	6.4	9.456	62.7	2.5	88.543	9.41	2.5	2.5	14.3	20.2
00400	PH (STANDARD UNITS)	10/18/82-12/15/98	163	7.02	7.107	9.4	5.78	0.216	0.465	6.6	6.8	7.37	7.604
00400	CONVERTED PH (STANDARD UNITS)	10/18/82-12/15/98	163	7.02	6.903	9.4	5.78	0.258	0.508	6.6	6.8	7.37	7.604
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/82-12/15/98	163	0.095	0.125	1.66	0.	0.025	0.16	0.025	0.043	0.158	0.251
00403	PH, LAB, STANDARD UNITS SU	04/12/83-12/12/94	3	7.6	7.533	7.8	7.2	0.093	0.306	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	04/12/83-12/12/94	3	7.6	7.46	7.8	7.2	0.101	0.318	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/12/83-12/12/94	3	0.025	0.035	0.063	0.016	0.001	0.025	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/20/93-07/20/93	1	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	06/20/94-06/20/94	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/18/82-12/15/98	168	9.	17.768	267.	0.5	1293.389	35.964	0.95	3.25	16.75	30.1
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/22/83-12/15/98	151	0.15	0.224	2.29	0.01	0.1	0.316	0.01	0.06	0.27	0.416
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/18/82-12/15/98	153	0.28	0.314	2.	0.005	0.049	0.222	0.1	0.215	0.38	0.492
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	10/18/82-12/15/98	152	0.5	0.59	4.	0.02	0.338	0.581	0.1	0.3	0.7	1.
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/18/82-12/15/98	155	0.05	0.068	0.59	0.002	0.007	0.082	0.005	0.006	0.09	0.17
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/23/82-12/15/98	167	99.	100.784	180.	12.	962.23	31.02	65.	76.	122.	146.
01002	ARSENIC, TOTAL (UG/L AS AS)	10/18/82-12/15/98	168 ##	1.	1.688	106.	0.05	66.244	8.139	0.5	0.5	1.	2.
01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	05/02/84-05/02/84	3 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	10/18/82-12/15/98	168 ##	1.	1.156	6.	0.05	1.052	1.026	0.5	0.5	1.	2.
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/18/82-12/15/98	168 ##	5.	4.399	67.	0.1	53.736	7.33	0.5	1.25	5.	5.
01042	COPPER, TOTAL (UG/L AS CU)	10/18/82-12/15/98	167	6.	8.875	57.	0.2	85.809	9.263	2.5	2.5	12.	20.
01045	IRON, TOTAL (UG/L AS FE)	09/10/85-09/10/85	1	182.	182.	182.	182.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	10/18/82-12/15/98	168 ##	5.	5.949	50.	0.35	42.596	6.527	0.5	2.	5.	13.1
01067	NICKEL, TOTAL (UG/L AS NI)	02/22/83-12/15/98	164 ##	10.	8.716	70.	1.5	72.43	8.511	1.5	5.	10.	10.
01092	ZINC, TOTAL (UG/L AS ZN)	02/22/83-12/15/98	164	21.	38.436	400.	2.5	2884.231	53.705	6.	12.	44.	81.5
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/18/82-12/15/98	161	1000.	19746.435	940000.	5.	7852573161.672	88614.746	110.	315.	7300.	39200.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/18/82-12/15/98	161	3.	3.189	5.973	0.699	0.909	0.954	2.041	2.498	3.863	4.593
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1543.958								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0177

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	10/18/82-12/15/98	152	500.	7333.342	201000.	0.	619774271.021	24895.266	61.2	160.	4000.	13220.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	10/18/82-12/15/98	152	2.698	2.83	5.303	0.	0.932	0.965	1.787	2.204	3.602	4.119
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			676.078								
34664	PCB - 1221 WET WGTTISMG/KG	05/02/84-09/30/91	4 ##	0.01	0.028	0.08	0.01	0.001	0.035	**	**	**	**
34667	PCB - 1232 WET WGTTISMG/KG	05/02/84-09/30/91	4 ##	0.01	0.028	0.08	0.01	0.001	0.035	**	**	**	**
34669	PCB - 1248 WET WGTTISMG/KG	05/02/84-09/30/91	4 ##	0.01	0.028	0.08	0.01	0.001	0.035	**	**	**	**
34670	PCB - 1260 WET WGTTISMG/KG	05/02/84-09/30/91	4 ##	0.01	0.016	0.035	0.01	0.	0.013	**	**	**	**
34674	PCB - 1016 WET WGTTISMG/KG	05/02/84-09/30/91	4 ##	0.01	0.028	0.08	0.01	0.001	0.035	**	**	**	**
34680	ALDRIN IN FISH TISSUE WET WEIGHT MG/KG	05/02/84-09/30/91	4 ##	0.01	0.008	0.01	0.001	0.	0.005	**	**	**	**
34685	ENDRIN WET WGTTISMG/KG	05/02/84-09/30/91	4 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34688	HEXACHLOROBENZENE WET WGTTISMG/KG	05/02/84-09/30/91	4 ##	0.01	0.008	0.01	0.003	0.	0.004	**	**	**	**
34689	PCB - 1242 WET WGTTISMG/KG	05/02/84-05/02/84	3 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34690	PCB - 1254 WET WGTTISMG/KG	05/02/84-09/30/91	4 ##	0.01	0.024	0.065	0.01	0.001	0.028	**	**	**	**
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	11/05/92-11/05/92	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
39063	CHLORDANE-CIS ISOMER,TISSUE WET WGT (UG/G)	05/02/84-09/30/91	4 ##	0.01	0.009	0.01	0.004	0.	0.003	**	**	**	**
39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	05/02/84-09/30/91	4 ##	0.01	0.009	0.01	0.005	0.	0.003	**	**	**	**
39069	CHLORDANE-NONACHLOR,CIS ISO,TISSUE WET WGT(UG/G)	05/02/84-09/30/91	4 ##	0.01	0.009	0.01	0.005	0.	0.003	**	**	**	**
39072	CHLORDANE-NONACHLOR,TRANS ISO,TISSUE,WET WT,UG/G	05/02/84-09/30/91	4 ##	0.01	0.009	0.01	0.006	0.	0.002	**	**	**	**
39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	05/02/84-09/30/91	4 ##	0.01	0.008	0.01	0.002	0.	0.004	**	**	**	**
39302	P P DDT IN TISSUE WET WGT (UG/G)	05/02/84-09/30/91	4 ##	0.01	0.008	0.01	0.001	0.	0.005	**	**	**	**
39307	O P DDT IN TISSUE WET WGT (UG/G)	05/02/84-09/30/91	4 ##	0.01	0.008	0.01	0.001	0.	0.005	**	**	**	**
39312	P P DDD IN TISSUE WET WGT (UG/G)	05/02/84-09/30/91	4 ##	0.01	0.008	0.01	0.003	0.	0.004	**	**	**	**
39322	P,P'-DDE IN TISSUE WET WGT MG/KG	05/02/84-09/30/91	4 ##	0.01	0.008	0.01	0.001	0.	0.005	**	**	**	**
39325	O,P DDD IN TISSUE WET WGT (UG/G)	05/02/84-09/30/91	4 ##	0.01	0.008	0.01	0.001	0.	0.005	**	**	**	**
39329	O,P DDE IN TISSUE, WET WGT(UG/G)	05/02/84-09/30/91	4 ##	0.01	0.008	0.01	0.001	0.	0.005	**	**	**	**
39404	DIELDRIN IN TISSUE WET WGT (UG/G)	05/02/84-09/30/91	4 ##	0.01	0.009	0.01	0.005	0.	0.003	**	**	**	**
39515	PCBS (MG/KG) FISH TISSUE MG/KG	05/02/84-05/02/84	3 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	05/02/84-09/30/91	4 ##	0.01	0.008	0.01	0.001	0.	0.005	**	**	**	**
45579	PERCENT LIPID EXTRACTABLE MATERIAL	09/30/91-09/30/91	1	1.	1.	1.	1.	0.	0.	**	**	**	**
45651	PCB - 1262, TISSUE, WET WEIGHT MG/KG	09/30/91-09/30/91	1 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
61223	E.COLI, WATER UNFILTERED,ONPG-MUG,COLILERT #/100ML	11/17/98-12/15/98	2	1308.5	1308.5	1414.	1203.	22260.5	149.2	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	10/18/82-12/15/98	152 ##	0.1	0.186	6.	0.	0.277	0.526	0.1	0.1	0.1	0.27
71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	05/02/84-05/02/84	3	0.1	0.117	0.2	0.05	0.006	0.076	**	**	**	**
71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	05/02/84-05/02/84	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	05/02/84-05/02/84	3	0.4	0.433	0.6	0.3	0.023	0.153	**	**	**	**
71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	05/02/84-05/02/84	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	05/02/84-05/02/84	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	09/30/91-09/30/91	1	5.	5.	5.	5.	0.	0.	**	**	**	**
81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	09/30/91-09/30/91	1	1.	1.	1.	1.	0.	0.	**	**	**	**
81644	METHOXYCHLOR IN FISH TISSUE,UG/G WET WEIGHT	05/02/84-09/30/91	4 ##	0.01	0.013	0.02	0.01	0.	0.005	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0177

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	163	39	0.24	66	32	0.48	56	4	0.07	41	3	0.07			
00400	PH	Fresh Chronic	9.	163	1	0.01	64	1	0.02	58	0	0.00	41	0	0.00			
		Other-Lo Lim.	6.5	163	12	0.07	64	4	0.06	58	3	0.05	41	5	0.12			
00403	PH, LAB	Fresh Chronic	9.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	153	0	0.00	60	0	0.00	53	0	0.00	40	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	168	0	0.00	67	0	0.00	59	0	0.00	42	0	0.00			
		Drinking Water	50.	168	1	0.01	67	1	0.01	59	0	0.00	42	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	168	7	0.04	67	2	0.03	59	4	0.07	42	1	0.02			
		Drinking Water	5.	168	6	0.04	67	1	0.01	59	4	0.07	42	1	0.02			
01034	CHROMIUM, TOTAL	Drinking Water	100.	168	0	0.00	67	0	0.00	59	0	0.00	42	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	167	23	0.14	66	12	0.18	59	5	0.08	42	6	0.14			
		Drinking Water	1300.	167	0	0.00	66	0	0.00	59	0	0.00	42	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0177

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01051	LEAD, TOTAL	Fresh Acute	82.	168	0	0.00	67	0	0.00	59	0	0.00	42	0	0.00			
		Drinking Water	15.	165 &	11	0.07	66	3	0.05	57	6	0.11	42	2	0.05			
01067	NICKEL, TOTAL	Fresh Acute	1400.	164	0	0.00	65	0	0.00	56	0	0.00	43	0	0.00			
		Drinking Water	100.	164	0	0.00	65	0	0.00	56	0	0.00	43	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	164	10	0.06	66	6	0.09	56	3	0.05	42	1	0.02			
		Drinking Water	5000.	164	0	0.00	66	0	0.00	56	0	0.00	42	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	161	134	0.83	63	56	0.89	57	46	0.81	41	32	0.78			
71900	MERCURY, TOTAL	Fresh Acute	2.4	152	2	0.01	62	1	0.02	52	1	0.02	38	0	0.00			
		Drinking Water	2.	152	2	0.01	62	1	0.02	52	1	0.02	38	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1982 - Station CHCH0177

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/18/82-11/17/87	3	1.	1.	1.	1.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/82-12/15/98	3	15.	15.667	17.	15.	1.333	1.155	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/18/82-11/14/94	3	150.	207.	350.	121.	15547.	124.688	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/18/82-12/15/98	3	7.4	6.8	8.8	4.2	5.56	2.358	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	10/18/82-12/15/98	3	2.	2.133	2.8	1.6	0.373	0.611	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	10/18/82-12/15/98	3	10.	7.5	10.	2.5	18.75	4.33	**	**	**	**
00400	PH (STANDARD UNITS)	10/18/82-12/15/98	3	6.8	6.7	7.1	6.2	0.21	0.458	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/18/82-12/15/98	3	6.8	6.538	7.1	6.2	0.249	0.499	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/82-12/15/98	3	0.158	0.29	0.631	0.079	0.089	0.298	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/18/82-12/15/98	3	2.	7.833	21.	0.5	130.583	11.427	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/18/82-12/15/98	3	0.36	0.347	0.38	0.3	0.002	0.042	**	**	**	**
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	10/18/82-12/15/98	3	0.8	1.033	1.6	0.7	0.243	0.493	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/18/82-12/15/98	3	0.13	0.147	0.19	0.12	0.001	0.038	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/23/82-12/15/98	2	69.5	69.5	80.	59.	220.5	14.849	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	10/18/82-12/15/98	3	1.	1.833	4.	0.5	3.583	1.893	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	10/18/82-12/15/98	3 ##	0.5	1.	2.	0.5	0.75	0.866	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/18/82-12/15/98	3	4.	3.5	6.	0.5	7.75	2.784	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	10/18/82-12/15/98	3	12.	11.667	18.	5.	42.333	6.506	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	10/18/82-12/15/98	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/18/82-12/15/98	3	5200.	4813.333	9000.	240.	19296533.333	4392.782	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/18/82-12/15/98	3	3.716	3.35	3.954	2.38	0.72	0.848	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2239.507								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	10/18/82-12/15/98	3	4200.	7478.667	18000.	236.	86952165.333	9324.814	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	10/18/82-12/15/98	3	3.623	3.417	4.255	2.373	0.918	0.958	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2613.031								
71900	MERCURY, TOTAL (UG/L AS HG)	10/18/82-12/15/98	3 ##	0.1	0.167	0.3	0.1	0.013	0.115	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station CHCH0177

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/18/82-11/17/87	12	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/82-12/15/98	12	15.75	16.	27.	1.5	62.045	7.877	3.15	11.	24.	26.4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/18/82-11/14/94	12	219.5	248.	531.	110.	16855.455	129.829	116.6	143.	328.	498.9
00300	OXYGEN, DISSOLVED MG/L	10/18/82-12/15/98	12	6.3	6.508	11.4	2.1	8.661	2.943	2.43	4.15	9.	10.83
00310	BOD, 5 DAY, 20 DEG C MG/L	10/18/82-12/15/98	12	2.3	2.425	5.	0.3	2.375	1.541	0.51	1.	3.525	5.
00335	COD, .025N K2CR2O7 MG/L	10/18/82-12/15/98	11	11.	12.227	28.	2.5	75.918	8.713	2.5	2.5	18.	27.
00400	PH (STANDARD UNITS)	10/18/82-12/15/98	9	6.8	6.833	7.2	6.5	0.06	0.245	6.5	6.6	7.05	7.2
00400	CONVERTED PH (STANDARD UNITS)	10/18/82-12/15/98	9	6.8	6.773	7.2	6.5	0.064	0.253	6.5	6.6	7.05	7.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/82-12/15/98	9	0.158	0.169	0.316	0.063	0.009	0.094	0.063	0.09	0.258	0.316
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/18/82-12/15/98	12	10.	14.583	56.	2.	198.811	14.1	2.9	7.25	17.	44.9
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/22/83-12/15/98	10	0.25	0.392	1.4	0.18	0.136	0.369	0.18	0.203	0.453	1.306
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/18/82-12/15/98	11	0.36	0.383	0.89	0.1	0.047	0.218	0.12	0.22	0.43	0.834
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	10/18/82-12/15/98	11	0.9	1.1	2.7	0.4	0.378	0.615	0.44	0.8	1.2	2.48
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/18/82-12/15/98	11	0.12	0.159	0.36	0.06	0.009	0.097	0.066	0.1	0.27	0.344
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/23/82-12/15/98	12	87.5	97.333	165.	50.	1567.879	39.596	51.8	65.75	140.25	160.5
01002	ARSENIC, TOTAL (UG/L AS AS)	10/18/82-12/15/98	12	1.	1.417	3.	0.5	1.083	1.041	0.5	0.5	2.75	3.
01027	CADMIUM, TOTAL (UG/L AS CD)	10/18/82-12/15/98	12 ##	0.5	1.042	3.	0.5	0.703	0.838	0.5	0.5	1.75	2.7
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/18/82-12/15/98	12	2.5	3.333	10.	0.5	9.424	3.07	0.5	0.5	5.75	8.8
01042	COPPER, TOTAL (UG/L AS CU)	10/18/82-12/15/98	12	14.5	16.417	32.	9.	44.811	6.694	9.3	12.	20.	29.9
01051	LEAD, TOTAL (UG/L AS PB)	10/18/82-12/15/98	12 ##	5.	12.083	50.	5.	174.811	13.222	5.	5.	17.5	41.
01067	NICKEL, TOTAL (UG/L AS NI)	02/22/83-12/15/98	11 ##	5.	9.091	30.	5.	54.091	7.355	5.	5.	10.	26.
01092	ZINC, TOTAL (UG/L AS ZN)	02/22/83-12/15/98	11	71.	98.636	266.	43.	5220.655	72.254	43.6	49.	130.	252.8
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/18/82-12/15/98	12	1120.	5383.333	40000.	170.	124358460.606	11151.612	248.	772.5	5375.	30160.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/18/82-12/15/98	12	3.048	3.232	4.602	2.23	0.408	0.638	2.351	2.887	3.73	4.379
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1704.557								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station CHCH0177

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	10/18/82-12/15/98	12	710.	10085.833	105000.	50.	897736208.333	29962.246	53.	230.	2225.	75780.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	10/18/82-12/15/98	12	2.851	2.958	5.021	1.699	0.828	0.91	1.723	2.345	3.347	4.679
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			907.022								
71900	MERCURY, TOTAL (UG/L AS HG)	10/18/82-12/15/98	12 ##	0.1	0.113	0.2	0.1	0.001	0.031	0.1	0.1	0.1	0.185

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station CHCH0177

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/18/82-11/17/87	12	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/82-12/15/98	12	15.	14.542	24.	3.5	47.975	6.926	4.85	8.25	21.5	23.4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/18/82-11/14/94	12	216.5	286.333	1008.	124.	55325.879	235.215	133.6	169.75	292.	798.
00300	OXYGEN, DISSOLVED MG/L	10/18/82-12/15/98	11	7.	8.064	14.2	4.5	10.695	3.27	4.56	5.1	11.	13.64
00310	BOD, 5 DAY, 20 DEG C MG/L	10/18/82-12/15/98	11	2.5	2.909	8.	2.	3.041	1.744	2.	2.	3.	7.
00335	COD, .025N K2CR2O7 MG/L	10/18/82-12/15/98	12	7.	8.667	21.	2.5	48.515	6.965	2.5	2.5	16.25	20.4
00400	PH (STANDARD UNITS)	10/18/82-12/15/98	12	6.85	7.025	9.4	6.2	0.655	0.809	6.26	6.7	7.2	8.74
00400	CONVERTED PH (STANDARD UNITS)	10/18/82-12/15/98	12	6.847	6.731	9.4	6.2	0.749	0.865	6.26	6.7	7.2	8.74
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/82-12/15/98	12	0.142	0.186	0.631	0.	0.03	0.174	0.019	0.063	0.2	0.561
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/18/82-12/15/98	12	13.	15.25	38.	1.	136.205	11.671	1.3	6.	25.	35.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/22/83-12/15/98	12	0.23	0.329	1.15	0.04	0.094	0.307	0.055	0.125	0.48	0.982
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/18/82-12/15/98	11	0.33	0.366	0.72	0.19	0.029	0.169	0.19	0.26	0.42	0.702
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	10/18/82-12/15/98	12	0.65	0.817	2.4	0.1	0.343	0.586	0.19	0.5	0.975	2.07
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/18/82-12/15/98	12	0.085	0.099	0.27	0.04	0.004	0.063	0.043	0.053	0.123	0.234
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/23/82-12/15/98	12	87.	95.417	146.	55.	802.265	28.324	59.2	72.	123.75	140.9
01002	ARSENIC, TOTAL (UG/L AS AS)	10/18/82-12/15/98	12	1.	9.625	106.	0.5	921.324	30.353	0.5	0.5	1.	74.8
01027	CADMIUM, TOTAL (UG/L AS CD)	10/18/82-12/15/98	12 ##	0.5	1.208	6.	0.5	2.475	1.573	0.5	0.5	1.	4.8
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/18/82-12/15/98	12	3.	10.208	67.	0.5	359.748	18.967	0.5	0.625	8.5	53.8
01042	COPPER, TOTAL (UG/L AS CU)	10/18/82-12/15/98	12	10.	10.5	21.	1.	46.455	6.816	1.6	4.	15.	21.
01051	LEAD, TOTAL (UG/L AS PB)	10/18/82-12/15/98	12	10.	9.583	16.	5.	15.538	3.942	5.	5.	13.5	15.4
01067	NICKEL, TOTAL (UG/L AS NI)	02/22/83-12/15/98	12 ##	5.	12.75	70.	3.	350.75	18.728	3.6	5.	13.75	55.
01092	ZINC, TOTAL (UG/L AS ZN)	02/22/83-12/15/98	12	44.	89.25	400.	20.	11770.205	108.491	20.6	33.25	93.25	336.7
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/18/82-12/15/98	12	1190.	58629.167	550000.	30.	24844947826.515	157622.802	54.	197.5	34600.	415000.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/18/82-12/15/98	12	3.048	3.26	5.74	1.477	1.642	1.282	1.646	2.291	4.373	5.518
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1820.544								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	10/18/82-12/15/98	12	1405.	6992.5	56000.	100.	247868238.636	15743.832	148.	430.	6325.	42200.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	10/18/82-12/15/98	12	3.087	3.175	4.748	2.	0.613	0.783	2.124	2.633	3.789	4.524
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1496.365								
71900	MERCURY, TOTAL (UG/L AS HG)	10/18/82-12/15/98	12 ##	0.15	0.925	6.	0.1	3.058	1.749	0.1	0.1	0.725	4.98

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station CHCH0177

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/18/82-11/17/87	9	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/82-12/15/98	9	13.	13.333	24.5	7.	31.563	5.618	7.	8.5	17.	24.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/18/82-11/14/94	9	249.	270.222	600.	151.	17866.694	133.666	151.	188.	293.	600.
00300	OXYGEN, DISSOLVED MG/L	10/18/82-12/15/98	8	6.3	6.225	10.	0.6	7.545	2.747	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	10/18/82-12/15/98	9 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
00335	COD, .025N K2CR2O7 MG/L	10/18/82-12/15/98	9 ##	2.5	11.989	45.	2.5	231.241	15.207	2.5	2.5	20.5	45.
00400	PH (STANDARD UNITS)	10/18/82-12/15/98	9	6.75	6.75	7.2	6.3	0.07	0.265	6.3	6.6	6.95	7.2
00400	CONVERTED PH (STANDARD UNITS)	10/18/82-12/15/98	9	6.75	6.68	7.2	6.3	0.076	0.275	6.3	6.6	6.95	7.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/82-12/15/98	9	0.178	0.209	0.501	0.063	0.017	0.13	0.063	0.113	0.251	0.501
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/18/82-12/15/98	9	6.	9.778	36.	0.5	142.882	11.953	0.5	0.75	16.5	36.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station CHCH0177

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/22/83-12/15/98	9	0.2	0.204	0.36	0.05	0.01	0.097	0.05	0.13	0.285	0.36
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/18/82-12/15/98	9	0.28	0.309	0.63	0.05	0.027	0.164	0.05	0.205	0.4	0.63
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	10/18/82-12/15/98	9	0.6	0.556	0.7	0.2	0.023	0.151	0.2	0.5	0.65	0.7
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/18/82-12/15/98	9	0.06	0.06	0.11	0.03	0.001	0.024	0.03	0.04	0.07	0.11
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/23/82-12/15/98	9	90.	95.778	134.	64.	632.444	25.148	64.	74.5	120.	134.
01002	ARSENIC, TOTAL (UG/L AS AS)	10/18/82-12/15/98	8 ##	0.5	0.813	2.	0.5	0.281	0.53	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	10/18/82-12/15/98	8 ##	1.	1.625	5.	0.5	2.196	1.482	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/18/82-12/15/98	8 ##	1.5	1.625	2.5	0.5	0.696	0.835	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	10/18/82-12/15/98	8	5.5	5.75	10.	2.	10.714	3.273	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	10/18/82-12/15/98	8 ##	13.	14.5	25.	5.	104.857	10.24	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	02/22/83-12/15/98	8 ##	5.	7.75	15.	4.	18.5	4.301	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	02/22/83-12/15/98	8	52.	74.125	159.	14.	2997.839	54.753	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/18/82-12/15/98	9	670.	1374.444	4800.	50.	2936052.778	1713.491	50.	320.	2550.	4800.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/18/82-12/15/98	9	2.826	2.818	3.681	1.699	0.364	0.603	1.699	2.505	3.347	3.681
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			657.932								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	10/18/82-12/15/98	9	380.	1152.778	4500.	5.	2699406.944	1642.987	5.	255.	2060.	4500.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	10/18/82-12/15/98	9	2.58	2.59	3.653	0.699	0.72	0.849	0.699	2.402	3.168	3.653
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			389.124								
71900	MERCURY, TOTAL (UG/L AS HG)	10/18/82-12/15/98	9 ##	0.1	0.211	0.7	0.1	0.044	0.209	0.1	0.1	0.3	0.7

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station CHCH0177

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/18/82-11/17/87	11	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/82-12/15/98	11	15.	16.136	28.	3.	67.805	8.234	3.8	10.	23.5	27.4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/18/82-11/14/94	11	265.	293.	425.	211.	5949.	77.13	211.2	218.	361.	419.2
00300	OXYGEN, DISSOLVED MG/L	10/18/82-12/15/98	10	4.95	5.51	13.	0.7	16.421	4.052	0.72	1.95	9.5	12.65
00310	BOD, 5 DAY, 20 DEG C MG/L	10/18/82-12/15/98	11 ##	2.5	3.318	7.	2.5	3.314	1.82	2.5	2.5	2.5	7.
00335	COD, .025N K2CR2O7 MG/L	10/18/82-12/15/98	11	7.5	12.9	44.9	2.5	172.332	13.128	2.5	2.5	20.	40.8
00400	PH (STANDARD UNITS)	10/18/82-12/15/98	11	6.8	6.836	7.4	6.5	0.079	0.28	6.5	6.6	7.	7.36
00400	CONVERTED PH (STANDARD UNITS)	10/18/82-12/15/98	11	6.8	6.766	7.4	6.5	0.084	0.29	6.5	6.6	7.	7.36
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/82-12/15/98	11	0.158	0.172	0.316	0.04	0.009	0.093	0.044	0.1	0.251	0.316
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/18/82-12/15/98	11	9.	8.773	16.	0.5	32.968	5.742	0.8	4.	15.	15.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/22/83-12/15/98	11	0.04	0.239	1.08	0.01	0.151	0.389	0.01	0.01	0.23	1.05
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/18/82-12/15/98	11	0.38	0.421	0.88	0.01	0.092	0.303	0.012	0.13	0.66	0.876
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	10/18/82-12/15/98	11	0.5	0.682	2.1	0.2	0.37	0.608	0.2	0.3	0.7	2.
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/18/82-12/15/98	11	0.04	0.053	0.16	0.01	0.002	0.044	0.012	0.02	0.07	0.148
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/23/82-12/15/98	11	104.	116.545	172.	54.	1872.873	43.277	54.8	85.	163.	170.2
01002	ARSENIC, TOTAL (UG/L AS AS)	10/18/82-12/15/98	11 ##	1.	1.455	5.	0.5	1.973	1.405	0.5	0.5	2.	4.6
01027	CADMIUM, TOTAL (UG/L AS CD)	10/18/82-12/15/98	11 ##	1.	1.364	5.	1.	1.455	1.206	1.	1.	1.	4.2
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/18/82-12/15/98	11 ##	5.	6.227	15.	2.5	12.568	3.545	3.	5.	5.	14.2
01042	COPPER, TOTAL (UG/L AS CU)	10/18/82-12/15/98	11 ##	2.5	9.273	57.	2.5	264.268	16.256	2.5	2.5	6.	48.6
01051	LEAD, TOTAL (UG/L AS PB)	10/18/82-12/15/98	11 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01067	NICKEL, TOTAL (UG/L AS NI)	02/22/83-12/15/98	11 ##	10.	15.	31.	10.	75.2	8.672	10.	10.	25.	30.6
01092	ZINC, TOTAL (UG/L AS ZN)	02/22/83-12/15/98	11	26.	63.227	312.	2.5	8030.868	89.615	4.	19.	77.	274.6
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/18/82-12/15/98	11	310.	5600.	50000.	5.	219464655.	14814.34	9.	60.	4000.	40900.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/18/82-12/15/98	11	2.491	2.613	4.699	0.699	1.32	1.149	0.839	1.778	3.602	4.49
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			409.933								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	10/18/82-12/15/98	11	290.	17029.818	170000.	8.	2585736008.364	50850.133	28.4	110.	4100.	138280.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	10/18/82-12/15/98	11	2.462	2.721	5.23	0.903	1.403	1.185	1.131	2.041	3.613	4.996
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			525.612								
71900	MERCURY, TOTAL (UG/L AS HG)	10/18/82-12/15/98	11 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station CHCH0177

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/18/82-11/17/87	11	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/82-12/15/98	11	15.	15.5	29.	5.5	70.	8.367	5.6	9.	23.5	28.4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/18/82-11/14/94	13	265.	562.769	4297.	134.	1262978.859	1123.823	150.	196.5	317.5	2719.
00300	OXYGEN, DISSOLVED MG/L	10/18/82-12/15/98	11	5.5	6.209	11.3	0.9	13.561	3.683	1.08	3.2	9.8	11.28
00310	BOD, 5 DAY, 20 DEG C MG/L	10/18/82-12/15/98	13 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
00335	COD, .025N K2CR2O7 MG/L	10/18/82-12/15/98	12	10.05	10.067	20.2	2.5	47.304	6.878	2.5	2.5	16.1	19.84
00400	PH (STANDARD UNITS)	10/18/82-12/15/98	11	6.9	6.991	7.5	6.5	0.135	0.367	6.52	6.7	7.4	7.5
00400	CONVERTED PH (STANDARD UNITS)	10/18/82-12/15/98	11	6.9	6.869	7.5	6.5	0.151	0.389	6.52	6.7	7.4	7.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/82-12/15/98	11	0.126	0.135	0.316	0.032	0.009	0.095	0.032	0.04	0.2	0.303
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/18/82-12/15/98	14	12.	13.571	31.	0.5	92.225	9.603	0.5	7.	22.	30.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/22/83-12/15/98	12	0.26	0.23	0.42	0.01	0.024	0.154	0.01	0.08	0.373	0.414
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/18/82-12/15/98	12	0.255	0.247	0.4	0.07	0.009	0.097	0.076	0.19	0.308	0.385
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	10/18/82-12/15/98	12	0.6	0.533	0.8	0.1	0.048	0.219	0.16	0.325	0.7	0.8
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/18/82-12/15/98	12	0.07	0.094	0.19	0.02	0.004	0.062	0.026	0.045	0.168	0.19
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/23/82-12/15/98	14	99.	100.214	148.	71.	501.258	22.389	72.5	80.	116.	135.
01002	ARSENIC, TOTAL (UG/L AS AS)	10/18/82-12/15/98	13 ##	1.	1.269	5.	0.5	1.276	1.129	0.7	1.	1.	3.4
01027	CADMIUM, TOTAL (UG/L AS CD)	10/18/82-12/15/98	13 ##	1.	0.892	1.	0.1	0.076	0.275	0.26	1.	1.	1.
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/18/82-12/15/98	13 ##	5.	5.462	11.	5.	2.769	1.664	5.	5.	5.	8.6
01042	COPPER, TOTAL (UG/L AS CU)	10/18/82-12/15/98	13 ##	5.	6.231	26.	2.5	42.067	6.486	2.5	2.5	7.	20.
01051	LEAD, TOTAL (UG/L AS PB)	10/18/82-12/15/98	13 ##	5.	7.077	18.	5.	17.577	4.192	5.	5.	8.5	15.6
01067	NICKEL, TOTAL (UG/L AS NI)	02/22/83-12/15/98	13 ##	10.	9.615	10.	5.	1.923	1.387	7.	10.	10.	10.
01092	ZINC, TOTAL (UG/L AS ZN)	02/22/83-12/15/98	13	19.	17.654	37.	2.5	171.266	13.087	2.5	3.75	30.	37.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/18/82-12/15/98	11	830.	10905.455	100000.	90.	878131767.273	29633.288	94.	300.	5700.	81180.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/18/82-12/15/98	11	2.919	3.109	5.	1.954	0.798	0.893	1.972	2.477	3.756	4.754
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1285.148								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	10/18/82-12/15/98	10	450.	8570.	70000.	140.	473126222.222	21751.465	142.	235.	6025.	63790.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	10/18/82-12/15/98	10	2.644	2.983	4.845	2.146	0.777	0.882	2.152	2.362	3.774	4.75
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			962.25								
71900	MERCURY, TOTAL (UG/L AS HG)	10/18/82-12/15/98	12 ##	0.1	0.133	0.3	0.1	0.004	0.065	0.1	0.1	0.175	0.27

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station CHCH0177

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/82-12/15/98	12	14.9	16.183	27.	4.4	53.609	7.322	5.48	9.75	22.625	26.7
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/18/82-11/14/94	12	267.	280.583	463.	174.	8126.447	90.147	174.6	186.75	349.	429.7
00300	OXYGEN, DISSOLVED MG/L	10/18/82-12/15/98	12	5.3	5.425	10.1	0.1	11.835	3.44	0.22	2.3	8.5	9.95
00310	BOD, 5 DAY, 20 DEG C MG/L	10/18/82-12/15/98	12 ##	2.5	3.708	17.	2.5	17.521	4.186	2.5	2.5	2.5	12.65
00335	COD, .025N K2CR2O7 MG/L	10/18/82-12/15/98	11	7.6	8.727	25.6	2.5	56.718	7.531	2.5	2.5	14.1	23.7
00400	PH (STANDARD UNITS)	10/18/82-12/15/98	12	6.85	6.892	7.1	6.7	0.017	0.131	6.73	6.8	7.	7.1
00400	CONVERTED PH (STANDARD UNITS)	10/18/82-12/15/98	12	6.847	6.874	7.1	6.7	0.018	0.132	6.73	6.8	7.	7.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/82-12/15/98	12	0.142	0.134	0.2	0.079	0.001	0.038	0.079	0.1	0.158	0.187
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/18/82-12/15/98	11	12.	30.091	160.	2.	2133.291	46.188	2.6	9.	24.	140.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/22/83-12/15/98	12	0.14	0.338	2.21	0.01	0.364	0.603	0.01	0.1	0.298	1.682
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/18/82-12/15/98	12	0.265	0.287	0.54	0.01	0.029	0.171	0.037	0.123	0.448	0.522
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	10/18/82-12/15/98	12	0.35	0.638	3.8	0.05	1.071	1.035	0.065	0.1	0.65	2.96
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/18/82-12/15/98	12	0.065	0.107	0.59	0.02	0.024	0.154	0.026	0.043	0.098	0.443
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/23/82-12/15/98	12	103.	104.917	180.	21.	1789.356	42.301	33.6	82.5	139.5	170.4
01002	ARSENIC, TOTAL (UG/L AS AS)	10/18/82-12/15/98	12 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
01027	CADMIUM, TOTAL (UG/L AS CD)	10/18/82-12/15/98	12 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/18/82-12/15/98	12 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01042	COPPER, TOTAL (UG/L AS CU)	10/18/82-12/15/98	12	5.5	8.167	21.	2.5	50.97	7.139	2.5	2.5	15.25	20.7
01051	LEAD, TOTAL (UG/L AS PB)	10/18/82-12/15/98	12 ##	5.	7.917	24.	5.	46.811	6.842	5.	5.	5.	23.1
01067	NICKEL, TOTAL (UG/L AS NI)	02/22/83-12/15/98	12 ##	10.	11.	27.	5.	27.455	5.24	6.5	10.	10.	21.9
01092	ZINC, TOTAL (UG/L AS ZN)	02/22/83-12/15/98	12	16.	22.292	70.	2.5	557.748	23.617	2.5	2.5	39.25	66.7
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/18/82-12/15/98	12	9400.	89483.333	940000.	120.	71899939406.061	268141.641	138.	775.	31500.	668800.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station CHCH0177

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/18/82-12/15/98	12	3.968	3.773	5.973	2.079	1.278	1.131	2.132	2.575	4.489	5.548
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			5928.577								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	10/18/82-12/15/98	10	1755.	7132.	40000.	40.	157968951.111	12568.57	53.	350.	8100.	37650.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	10/18/82-12/15/98	10	3.201	3.19	4.602	1.602	0.838	0.916	1.665	2.517	3.848	4.564
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1549.645								
71900	MERCURY, TOTAL (UG/L AS HG)	10/18/82-12/15/98	12 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station CHCH0177

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/82-12/15/98	11	16.	15.964	25.1	5.6	42.757	6.539	6.28	10.	22.	24.68
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/18/82-11/14/94	10	221.	216.6	294.	136.	2562.489	50.621	138.8	175.25	259.75	291.7
00300	OXYGEN, DISSOLVED MG/L	10/18/82-12/15/98	11	6.6	6.636	10.2	2.1	6.635	2.576	2.36	5.2	8.8	10.08
00310	BOD, 5 DAY, 20 DEG C MG/L	10/18/82-12/15/98	11 ##	2.5	3.091	9.	2.5	3.841	1.96	2.5	2.5	2.5	7.7
00335	COD, .025N K2CR2O7 MG/L	10/18/82-12/15/98	9	6.6	9.478	23.5	2.5	56.037	7.486	2.5	2.5	15.	23.5
00400	PH (STANDARD UNITS)	10/18/82-12/15/98	11	6.9	6.973	7.5	6.6	0.092	0.304	6.62	6.7	7.3	7.48
00400	CONVERTED PH (STANDARD UNITS)	10/18/82-12/15/98	11	6.9	6.891	7.5	6.6	0.1	0.316	6.62	6.7	7.3	7.48
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/82-12/15/98	11	0.126	0.129	0.251	0.032	0.005	0.072	0.033	0.05	0.2	0.241
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/18/82-12/15/98	11	9.	27.909	168.	3.	2417.091	49.164	3.4	6.	21.	146.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/22/83-12/15/98	10	0.13	0.157	0.35	0.02	0.013	0.112	0.023	0.058	0.253	0.347
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/18/82-12/15/98	10	0.295	0.341	0.84	0.19	0.034	0.185	0.194	0.238	0.368	0.795
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	10/18/82-12/15/98	10	0.35	0.452	1.2	0.02	0.143	0.378	0.028	0.175	0.75	1.17
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/18/82-12/15/98	10	0.05	0.072	0.23	0.005	0.005	0.073	0.005	0.016	0.103	0.224
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/23/82-12/15/98	11	97.	93.818	133.	60.	705.564	26.562	61.4	71.	111.	132.4
01002	ARSENIC, TOTAL (UG/L AS AS)	10/18/82-12/15/98	11 ##	1.	1.182	3.	1.	0.364	0.603	1.	1.	1.	2.6
01027	CADMIUM, TOTAL (UG/L AS CD)	10/18/82-12/15/98	11 ##	1.	1.182	2.	1.	0.164	0.405	1.	1.	1.	2.
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/18/82-12/15/98	11 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01042	COPPER, TOTAL (UG/L AS CU)	10/18/82-12/15/98	10	6.5	7.9	24.	2.5	45.1	6.716	2.5	2.5	10.5	22.8
01051	LEAD, TOTAL (UG/L AS PB)	10/18/82-12/15/98	11 ##	5.	6.636	23.	5.	29.455	5.427	5.	5.	5.	19.4
01067	NICKEL, TOTAL (UG/L AS NI)	02/22/83-12/15/98	11 ##	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01092	ZINC, TOTAL (UG/L AS ZN)	02/22/83-12/15/98	11	21.	31.955	81.	2.5	636.723	25.233	3.2	10.	52.	76.2
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/18/82-12/15/98	9	8400.	13110.	48000.	560.	286712650.	16932.591	560.	835.	24200.	48000.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/18/82-12/15/98	9	3.924	3.652	4.681	2.748	0.577	0.76	2.748	2.922	4.345	4.681
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4488.664								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	10/18/82-12/15/98	10	600.	9173.8	69000.	30.	457082211.067	21379.481	42.8	167.	9375.	63150.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	10/18/82-12/15/98	10	2.729	2.97	4.839	1.477	1.061	1.03	1.549	2.223	3.971	4.757
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			933.606								
71900	MERCURY, TOTAL (UG/L AS HG)	10/18/82-12/15/98	11 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station CHCH0177

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/82-12/15/98	12	14.75	16.292	26.	6.	46.748	6.837	6.9	9.5	22.75	25.4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/18/82-11/14/94	11	250.	242.545	434.	124.	7520.273	86.72	130.2	161.	284.	405.
00300	OXYGEN, DISSOLVED MG/L	10/18/82-12/15/98	12	7.75	6.417	9.8	1.4	9.691	3.113	1.46	3.975	9.3	9.71
00310	BOD, 5 DAY, 20 DEG C MG/L	10/18/82-12/15/98	10 ##	2.5	2.66	5.	1.6	0.756	0.869	1.69	2.5	2.5	4.75
00335	COD, .025N K2CR2O7 MG/L	10/18/82-12/15/98	12 ##	4.4	8.575	29.8	2.5	75.629	8.697	2.5	2.5	12.075	26.92
00400	PH (STANDARD UNITS)	10/18/82-12/15/98	12	7.	6.992	7.3	6.6	0.034	0.183	6.69	6.9	7.15	7.27
00400	CONVERTED PH (STANDARD UNITS)	10/18/82-12/15/98	12	7.	6.955	7.3	6.6	0.035	0.187	6.69	6.9	7.15	7.27
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/82-12/15/98	12	0.1	0.111	0.251	0.05	0.003	0.052	0.054	0.072	0.126	0.214
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/18/82-12/15/98	11	11.	9.955	24.	0.5	43.123	6.567	1.	3.	14.	22.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station CHCH0177

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/22/83-12/15/98	12	0.155	0.358	2.29	0.02	0.385	0.62	0.035	0.103	0.343	1.732
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/18/82-12/15/98	12	0.23	0.213	0.44	0.02	0.016	0.125	0.029	0.087	0.27	0.416
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	10/18/82-12/15/98	12	0.45	0.592	2.2	0.2	0.31	0.557	0.2	0.2	0.7	1.81
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/18/82-12/15/98	12	0.035	0.045	0.17	0.005	0.002	0.05	0.005	0.005	0.068	0.149
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/23/82-12/15/98	11	99.	94.727	147.	12.	1594.218	39.928	20.6	75.	124.	145.6
01002	ARSENIC, TOTAL (UG/L AS AS)	10/18/82-12/15/98	11 ##	1.	1.136	3.	0.5	0.405	0.636	0.6	1.	1.	2.6
01027	CADMIUM, TOTAL (UG/L AS CD)	10/18/82-12/15/98	11 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/18/82-12/15/98	11 ##	5.	4.591	5.	0.5	1.841	1.357	1.4	5.	5.	5.
01042	COPPER, TOTAL (UG/L AS CU)	10/18/82-12/15/98	11	4.	4.864	10.	2.5	8.205	2.864	2.5	2.5	8.	9.8
01051	LEAD, TOTAL (UG/L AS PB)	10/18/82-12/15/98	11 ##	5.	8.364	29.	5.	62.055	7.877	5.	5.	5.	26.8
01067	NICKEL, TOTAL (UG/L AS NI)	02/22/83-12/15/98	11 ##	10.	10.455	20.	5.	12.273	3.503	6.	10.	10.	18.
01092	ZINC, TOTAL (UG/L AS ZN)	02/22/83-12/15/98	11	24.	36.318	105.	2.5	915.214	30.252	4.2	14.	62.	96.6
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/18/82-12/15/98	9	380.	18448.667	90000.	200.	1104201608.	33229.529	200.	269.	37000.	90000.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/18/82-12/15/98	9	2.58	3.211	4.954	2.301	1.189	1.09	2.301	2.428	4.462	4.954
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1625.53								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	10/18/82-12/15/98	9	556.	3217.778	19000.	70.	39851628.444	6312.815	70.	152.	4020.	19000.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	10/18/82-12/15/98	9	2.745	2.818	4.279	1.845	0.655	0.809	1.845	2.148	3.431	4.279
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			656.923								
71900	MERCURY, TOTAL (UG/L AS HG)	10/18/82-12/15/98	11 ##	0.1	0.155	0.5	0.1	0.017	0.129	0.1	0.1	0.1	0.46

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station CHCH0177

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/82-12/15/98	13	16.	16.077	27.3	8.	42.119	6.49	8.44	10.15	22.8	26.14
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/18/82-11/14/94	11	212.	239.455	367.	122.	5847.673	76.47	130.2	186.	290.	361.6
00300	OXYGEN, DISSOLVED MG/L	10/18/82-12/15/98	13	5.9	6.269	10.6	2.4	6.802	2.608	2.4	4.5	8.7	10.12
00310	BOD, 5 DAY, 20 DEG C MG/L	10/18/82-12/15/98	12 ##	2.5	2.458	2.5	2.	0.021	0.144	2.15	2.5	2.5	2.5
00335	COD, .025N K2CR2O7 MG/L	10/18/82-12/15/98	12	6.8	8.825	22.7	2.5	53.417	7.309	2.5	2.5	16.375	21.44
00400	PH (STANDARD UNITS)	10/18/82-12/15/98	13	7.1	7.132	7.5	6.5	0.068	0.262	6.7	7.	7.34	7.488
00400	CONVERTED PH (STANDARD UNITS)	10/18/82-12/15/98	13	7.1	7.048	7.5	6.5	0.076	0.276	6.7	7.	7.34	7.488
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/82-12/15/98	13	0.079	0.09	0.316	0.032	0.005	0.073	0.033	0.046	0.1	0.23
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/18/82-12/15/98	13	7.	10.346	31.	0.5	90.058	9.49	0.7	2.	18.5	26.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/22/83-12/15/98	12	0.13	0.157	0.56	0.02	0.02	0.143	0.029	0.073	0.172	0.47
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/18/82-12/15/98	12	0.23	0.224	0.41	0.005	0.015	0.121	0.019	0.14	0.318	0.398
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	10/18/82-12/15/98	12	0.4	0.729	4.	0.05	1.112	1.055	0.095	0.3	0.675	3.07
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/18/82-12/15/98	12	0.04	0.049	0.12	0.005	0.002	0.04	0.005	0.009	0.078	0.117
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/23/82-12/15/98	13	103.	106.077	163.	58.	981.244	31.325	64.	82.5	126.5	161.
01002	ARSENIC, TOTAL (UG/L AS AS)	10/18/82-12/15/98	14 ##	1.	0.896	1.	0.05	0.077	0.278	0.275	1.	1.	1.
01027	CADMIUM, TOTAL (UG/L AS CD)	10/18/82-12/15/98	14 ##	1.	1.289	6.	0.05	1.902	1.379	0.525	1.	1.	3.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/18/82-12/15/98	14 ##	5.	4.471	5.	0.1	2.027	1.424	1.3	5.	5.	5.
01042	COPPER, TOTAL (UG/L AS CU)	10/18/82-12/15/98	14 ##	2.5	8.443	46.	0.2	143.853	11.994	1.35	2.5	12.25	31.5
01051	LEAD, TOTAL (UG/L AS PB)	10/18/82-12/15/98	14 ##	5.	4.918	13.	0.35	8.137	2.853	0.425	5.	5.	9.
01067	NICKEL, TOTAL (UG/L AS NI)	02/22/83-12/15/98	13 ##	10.	9.615	10.	5.	1.923	1.387	7.	10.	10.	10.
01092	ZINC, TOTAL (UG/L AS ZN)	02/22/83-12/15/98	14	15.	37.5	174.	10.	2312.269	48.086	11.	12.75	38.75	145.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/18/82-12/15/98	13	1400.	9362.	52000.	110.	290858582.	17054.577	112.4	440.	7750.	48000.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/18/82-12/15/98	13	3.146	3.275	4.716	2.041	0.751	0.867	2.051	2.642	3.889	4.679
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1884.687								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	10/18/82-12/15/98	11	360.	2538.364	14000.	52.	19834961.455	4453.646	63.6	120.	1800.	12820.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	10/18/82-12/15/98	11	2.556	2.804	4.146	1.716	0.613	0.783	1.781	2.079	3.255	4.099
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			636.659								
71900	MERCURY, TOTAL (UG/L AS HG)	10/18/82-12/15/98	13 ##	0.1	0.125	0.4	0.01	0.012	0.107	0.01	0.1	0.1	0.36

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station CHCH0177

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/82-12/15/98	12	16.4	15.125	24.8	5.8	50.158	7.082	5.8	6.575	21.3	24.47
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/18/82-11/14/94	12	205.	208.333	270.	161.	1013.333	31.833	162.5	185.25	224.5	264.6
00300	OXYGEN, DISSOLVED MG/L	10/18/82-12/15/98	12	7.5	8.492	20.5	3.6	20.23	4.498	4.05	5.3	10.775	17.74
00310	BOD, 5 DAY, 20 DEG C MG/L	10/18/82-12/15/98	11 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
00335	COD, .025N K2CR2O7 MG/L	10/18/82-12/15/98	13 ##	2.5	6.808	23.5	2.5	60.966	7.808	2.5	2.5	11.75	21.7
00400	PH (STANDARD UNITS)	10/18/82-12/15/98	12	7.21	7.228	7.87	6.95	0.068	0.261	6.959	6.99	7.37	7.741
00400	CONVERTED PH (STANDARD UNITS)	10/18/82-12/15/98	12	7.21	7.17	7.87	6.95	0.072	0.268	6.959	6.99	7.37	7.741
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/82-12/15/98	12	0.062	0.068	0.112	0.013	0.001	0.031	0.02	0.043	0.102	0.11
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/18/82-12/15/98	12	7.5	13.875	71.	0.5	444.142	21.075	0.5	1.125	12.	62.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/22/83-12/15/98	13	0.15	0.171	0.39	0.03	0.008	0.089	0.058	0.125	0.205	0.346
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/18/82-12/15/98	12	0.35	0.468	2.	0.24	0.235	0.485	0.249	0.285	0.39	1.523
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	10/18/82-12/15/98	13	0.3	0.359	0.8	0.07	0.039	0.197	0.122	0.2	0.5	0.72
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/18/82-12/15/98	13 ##	0.005	0.053	0.38	0.005	0.012	0.109	0.005	0.005	0.045	0.296
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/23/82-12/15/98	12	110.	104.667	130.	70.	328.424	18.122	71.8	93.75	118.75	127.6
01002	ARSENIC, TOTAL (UG/L AS AS)	10/18/82-12/15/98	12 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
01027	CADMIUM, TOTAL (UG/L AS CD)	10/18/82-12/15/98	12 ##	0.75	0.917	2.	0.5	0.311	0.557	0.5	0.5	1.	2.
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/18/82-12/15/98	12 ##	0.5	1.208	4.	0.5	1.384	1.177	0.5	0.5	1.75	3.7
01042	COPPER, TOTAL (UG/L AS CU)	10/18/82-12/15/98	12	7.5	12.792	56.	2.5	210.157	14.497	2.95	4.5	16.	44.
01051	LEAD, TOTAL (UG/L AS PB)	10/18/82-12/15/98	12 ##	2.	3.417	11.	0.5	12.765	3.573	0.95	2.	2.375	11.
01067	NICKEL, TOTAL (UG/L AS NI)	02/22/83-12/15/98	12 ##	1.5	2.042	4.	1.5	1.021	1.01	1.5	1.5	2.625	4.
01092	ZINC, TOTAL (UG/L AS ZN)	02/22/83-12/15/98	12	14.	20.833	60.	7.	267.788	16.364	7.6	9.5	22.	56.1
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/18/82-12/15/98	12	685.	6452.5	25000.	80.	87102838.636	9332.89	107.	227.5	14100.	24100.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/18/82-12/15/98	12	2.819	3.142	4.398	1.903	0.803	0.896	2.001	2.349	4.106	4.381
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1385.423								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	10/18/82-12/15/98	11	232.	4374.727	25000.	70.	64269169.818	8016.805	74.	130.	4000.	22800.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	10/18/82-12/15/98	11	2.365	2.807	4.398	1.845	0.879	0.937	1.867	2.114	3.602	4.348
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			641.357								
71900	MERCURY, TOTAL (UG/L AS HG)	10/18/82-12/15/98	12 ##	0.1	0.15	0.4	0.1	0.014	0.117	0.1	0.1	0.1	0.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station CHCH0177

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/82-12/15/98	10	13.1	15.98	28.4	7.6	59.726	7.728	7.69	9.4	23.325	28.26
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/18/82-11/14/94	3	142.	136.667	142.	126.	85.333	9.238	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/18/82-12/15/98	10	4.9	5.54	10.4	1.2	14.518	3.81	1.21	2.05	9.8	10.34
00310	BOD, 5 DAY, 20 DEG C MG/L	10/18/82-12/15/98	9 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
00335	COD, .025N K2CR2O7 MG/L	10/18/82-12/15/98	14 ##	5.2	8.193	20.7	2.5	43.427	6.59	2.5	2.5	14.425	18.2
00400	PH (STANDARD UNITS)	10/18/82-12/15/98	10	7.36	7.407	7.74	7.16	0.043	0.207	7.164	7.223	7.59	7.728
00400	CONVERTED PH (STANDARD UNITS)	10/18/82-12/15/98	10	7.36	7.366	7.74	7.16	0.045	0.211	7.164	7.223	7.59	7.728
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/82-12/15/98	10	0.044	0.043	0.069	0.018	0.	0.019	0.019	0.026	0.06	0.069
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/18/82-12/15/98	11	5.	10.409	27.	0.5	111.591	10.564	0.5	0.5	23.	26.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/22/83-12/15/98	14	0.11	0.186	0.82	0.01	0.044	0.21	0.03	0.058	0.26	0.59
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/18/82-12/15/98	14	0.23	0.269	1.03	0.05	0.057	0.239	0.075	0.11	0.33	0.69
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	10/18/82-12/15/98	14	0.4	0.389	0.8	0.05	0.052	0.229	0.075	0.2	0.525	0.8
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/18/82-12/15/98	14 ##	0.005	0.035	0.21	0.005	0.003	0.055	0.005	0.005	0.06	0.135
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/23/82-12/15/98	11	115.	110.455	168.	59.	1427.273	37.779	62.	74.	141.	165.6
01002	ARSENIC, TOTAL (UG/L AS AS)	10/18/82-12/15/98	11 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
01027	CADMIUM, TOTAL (UG/L AS CD)	10/18/82-12/15/98	11 ##	0.5	0.727	2.	0.5	0.218	0.467	0.5	0.5	1.	1.8
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/18/82-12/15/98	11	1.	7.5	65.	0.5	366.85	19.153	0.5	0.5	5.	53.
01042	COPPER, TOTAL (UG/L AS CU)	10/18/82-12/15/98	11	6.	9.773	27.	0.5	74.068	8.606	0.8	3.	19.	25.4
01051	LEAD, TOTAL (UG/L AS PB)	10/18/82-12/15/98	11 ##	2.	2.545	5.	2.	1.473	1.214	2.	2.	2.	5.
01067	NICKEL, TOTAL (UG/L AS NI)	02/22/83-12/15/98	11 ##	1.5	8.5	70.	1.5	417.8	20.44	1.5	1.5	4.	57.
01092	ZINC, TOTAL (UG/L AS ZN)	02/22/83-12/15/98	11	16.	20.545	64.	4.	283.873	16.849	4.6	10.	22.	58.4
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/18/82-12/15/98	11	1200.	3019.091	12000.	50.	14625109.091	3824.279	76.	190.	4500.	11220.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/18/82-12/15/98	11	3.079	3.062	4.079	1.699	0.55	0.742	1.81	2.279	3.653	4.045

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station CHCH0177

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1153.123								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	10/18/82-12/15/98	9	850.	3099.778	9900.	24.	13597891.444	3687.532	24.	67.	6100.	9900.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	10/18/82-12/15/98	9	2.929	2.792	3.996	1.38	1.107	1.052	1.38	1.812	3.785	3.996
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			619.047								
71900	MERCURY, TOTAL (UG/L AS HG)	10/18/82-12/15/98	11 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station CHCH0177

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/82-12/15/98	13	15.8	16.677	25.9	8.2	32.829	5.73	9.	11.85	22.25	25.26
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/18/82-11/14/94	1	227.	227.	227.	227.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/18/82-12/15/98	13	5.	5.038	9.5	2.1	6.133	2.476	2.14	3.15	6.6	9.5
00310	BOD, 5 DAY, 20 DEG C MG/L	10/18/82-12/15/98	7 ##	2.5	3.	6.	2.5	1.75	1.323	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	10/18/82-12/15/98	9	5.6	12.8	62.7	2.5	373.513	19.326	2.5	2.5	13.95	62.7
00400	PH (STANDARD UNITS)	10/18/82-12/15/98	13	7.47	7.292	8.	5.78	0.329	0.574	6.216	7.	7.59	8.
00400	CONVERTED PH (STANDARD UNITS)	10/18/82-12/15/98	13	7.47	6.756	8.	5.78	0.64	0.8	6.216	7.	7.59	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/82-12/15/98	13	0.034	0.175	1.66	0.01	0.2	0.448	0.01	0.026	0.1	1.05
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/18/82-12/15/98	11	10.	32.773	267.	0.5	6086.768	78.018	1.	3.	17.	218.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/22/83-12/15/98	11	0.11	0.125	0.3	0.01	0.01	0.101	0.01	0.04	0.2	0.296
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/18/82-12/15/98	11	0.3	0.333	0.63	0.18	0.016	0.127	0.19	0.23	0.39	0.596
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	10/18/82-12/15/98	8	0.55	0.481	0.9	0.05	0.093	0.305	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/18/82-12/15/98	11 ##	0.005	0.037	0.28	0.005	0.007	0.082	0.005	0.005	0.04	0.232
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/23/82-12/15/98	11	103.	100.818	146.	57.	696.564	26.392	59.	71.	117.	140.8
01002	ARSENIC, TOTAL (UG/L AS AS)	10/18/82-12/15/98	11 ##	1.	1.545	6.	0.5	3.173	1.781	0.5	0.5	1.	5.6
01027	CADMIUM, TOTAL (UG/L AS CD)	10/18/82-12/15/98	11 ##	2.	2.136	6.	0.5	4.055	2.014	0.5	0.5	2.	6.
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/18/82-12/15/98	11 ##	2.5	2.909	6.	0.5	2.941	1.715	0.6	2.	5.	5.8
01042	COPPER, TOTAL (UG/L AS CU)	10/18/82-12/15/98	11	3.	8.091	32.	2.	102.591	10.129	2.1	2.5	6.	30.4
01051	LEAD, TOTAL (UG/L AS PB)	10/18/82-12/15/98	11 ##	2.	2.364	10.	0.5	7.855	2.803	0.5	0.5	2.5	8.8
01067	NICKEL, TOTAL (UG/L AS NI)	02/22/83-12/15/98	12 ##	5.	6.042	10.	1.5	6.839	2.615	2.55	5.	9.	10.
01092	ZINC, TOTAL (UG/L AS ZN)	02/22/83-12/15/98	11	11.	18.545	60.	6.	243.273	15.597	6.4	9.	26.	53.4
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/18/82-12/15/98	11	5600.	49337.455	179000.	162.	5368705051.273	73271.448	205.6	480.	123000.	178200.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/18/82-12/15/98	11	3.748	3.755	5.253	2.21	1.327	1.152	2.284	2.681	5.09	5.251
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			5694.353								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	10/18/82-12/15/98	9	1080.	29905.556	201000.	30.	4483576977.778	66959.517	30.	250.	32350.	201000.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	10/18/82-12/15/98	9	3.033	3.216	5.303	1.477	1.478	1.216	1.477	2.368	4.263	5.303
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1645.904								
71900	MERCURY, TOTAL (UG/L AS HG)	10/18/82-12/15/98	10 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station CHCH0177

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/82-12/15/98	13	16.	14.869	25.8	3.2	60.039	7.748	3.72	7.55	22.3	25.2
00300	OXYGEN, DISSOLVED MG/L	10/18/82-12/15/98	13	6.2	6.146	10.8	0.7	10.211	3.195	1.18	3.35	8.4	10.68
00310	BOD, 5 DAY, 20 DEG C MG/L	10/18/82-12/15/98	13 ##	2.5	2.885	5.	2.5	0.881	0.939	2.5	2.5	2.5	5.
00335	COD, .025N K2CR2O7 MG/L	10/18/82-12/15/98	5	6.4	6.72	12.2	2.5	19.127	4.373	**	**	**	**
00400	PH (STANDARD UNITS)	10/18/82-12/15/98	13	7.4	7.353	8.45	6.46	0.28	0.529	6.5	7.02	7.595	8.242
00400	CONVERTED PH (STANDARD UNITS)	10/18/82-12/15/98	13	7.4	7.078	8.45	6.46	0.362	0.602	6.5	7.02	7.595	8.242
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/82-12/15/98	13	0.04	0.084	0.347	0.004	0.011	0.106	0.007	0.026	0.095	0.318
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/18/82-12/15/98	13	4.	29.885	158.	0.5	3308.84	57.523	0.7	2.	21.5	158.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/22/83-12/15/98	5	0.03	0.044	0.1	0.01	0.001	0.036	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/18/82-12/15/98	5	0.33	0.296	0.41	0.11	0.016	0.126	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station CHCH0177

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	10/18/82-12/15/98	5	0.3	0.25	0.3	0.05	0.013	0.112	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/18/82-12/15/98	5 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/23/82-12/15/98	12	91.5	95.5	143.	76.	429.727	20.73	76.	77.	104.	136.7
01002	ARSENIC, TOTAL (UG/L AS AS)	10/18/82-12/15/98	13 ##	0.5	0.577	1.	0.5	0.035	0.188	0.5	0.5	0.5	1.
01027	CADMIUM, TOTAL (UG/L AS CD)	10/18/82-12/15/98	13 ##	1.	1.538	4.	1.	0.936	0.967	1.	1.	2.	3.6
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/18/82-12/15/98	13 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01042	COPPER, TOTAL (UG/L AS CU)	10/18/82-12/15/98	13	7.	10.423	32.	2.5	90.994	9.539	2.5	2.5	20.	27.2
01051	LEAD, TOTAL (UG/L AS PB)	10/18/82-12/15/98	13 ##	0.5	0.962	3.5	0.5	1.269	1.127	0.5	0.5	0.5	3.5
01067	NICKEL, TOTAL (UG/L AS NI)	02/22/83-12/15/98	13 ##	5.	5.769	15.	5.	7.692	2.774	5.	5.	5.	11.
01092	ZINC, TOTAL (UG/L AS ZN)	02/22/83-12/15/98	13	13.	14.077	28.	4.	39.577	6.291	4.8	11.	17.	25.6
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/18/82-12/15/98	13	250.	2121.385	18000.	32.	24161006.256	4915.385	53.6	90.	1565.	12520.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/18/82-12/15/98	13	2.398	2.622	4.255	1.505	0.614	0.784	1.677	1.954	3.19	4.007
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			418.347								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	10/18/82-12/15/98	13	350.	2139.538	18000.	64.	24376095.436	4937.215	68.	76.	1100.	12760.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	10/18/82-12/15/98	13	2.544	2.656	4.255	1.806	0.566	0.752	1.831	1.881	3.04	4.029
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			452.959								
71900	MERCURY, TOTAL (UG/L AS HG)	10/18/82-12/15/98	5 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1996 - Station CHCH0177

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/82-12/15/98	5	12.7	13.36	20.7	8.2	25.328	5.033	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/18/82-12/15/98	5	5.8	5.64	7.2	3.5	2.693	1.641	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	10/18/82-12/15/98	6 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/18/82-12/15/98	5	7.94	7.864	8.2	7.26	0.128	0.358	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/18/82-12/15/98	5	7.94	7.721	8.2	7.26	0.153	0.392	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/82-12/15/98	5	0.011	0.019	0.055	0.006	0.	0.02	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/18/82-12/15/98	6	5.5	41.5	223.	3.	7911.9	88.949	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/23/82-12/15/98	6	88.5	89.5	120.	65.	383.5	19.583	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	10/18/82-12/15/98	6 ##	0.5	0.75	2.	0.5	0.375	0.612	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	10/18/82-12/15/98	6 ##	0.5	0.667	1.	0.5	0.067	0.258	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/18/82-12/15/98	6 ##	2.5	2.917	5.	0.5	3.142	1.772	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	10/18/82-12/15/98	6 ##	5.25	6.583	14.	0.5	31.342	5.598	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	10/18/82-12/15/98	6 ##	1.25	1.917	5.	0.5	3.342	1.828	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	02/22/83-12/15/98	6 ##	5.	6.167	12.	5.	8.167	2.858	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	02/22/83-12/15/98	6	16.	18.	44.	3.	199.2	14.114	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/18/82-12/15/98	6	700.	2863.333	7600.	320.	13249546.667	3639.993	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/18/82-12/15/98	6	2.791	3.066	3.881	2.505	0.429	0.655	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1165.184								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	10/18/82-12/15/98	6	320.	1670.	6700.	210.	6664320.	2581.534	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	10/18/82-12/15/98	6	2.502	2.821	3.826	2.322	0.378	0.615	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			662.1								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1997 - Station CHCH0177

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/82-12/15/98	2	13.05	13.05	15.1	11.	8.405	2.899	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/18/82-12/15/98	2	6.1	6.1	10.	2.2	30.42	5.515	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	10/18/82-12/15/98	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	10/18/82-12/15/98	2 ##	10.95	10.95	19.4	2.5	142.805	11.95	**	**	**	**
00400	PH (STANDARD UNITS)	10/18/82-12/15/98	2	7.325	7.325	7.43	7.22	0.022	0.148	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1997 - Station CHCH0177

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	CONVERTED PH (STANDARD UNITS)	10/18/82-12/15/98	2	7.312	7.312	7.43	7.22	0.022	0.15	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/82-12/15/98	2	0.049	0.049	0.06	0.037	0.	0.016	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/18/82-12/15/98	2	2.5	2.5	3.	2.	0.5	0.707	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/22/83-12/15/98	2 ##	0.165	0.165	0.32	0.01	0.048	0.219	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/18/82-12/15/98	2	0.18	0.18	0.3	0.06	0.029	0.17	**	**	**	**
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	10/18/82-12/15/98	2	0.35	0.35	0.5	0.2	0.045	0.212	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/18/82-12/15/98	2	0.037	0.037	0.05	0.023	0.	0.019	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/23/82-12/15/98	2	128.5	128.5	171.	86.	3612.5	60.104	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	10/18/82-12/15/98	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	10/18/82-12/15/98	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/18/82-12/15/98	2 ##	1.25	1.25	2.	0.5	1.125	1.061	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	10/18/82-12/15/98	2	2.	2.	2.	2.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	10/18/82-12/15/98	2	1.5	1.5	2.	1.	0.5	0.707	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	02/22/83-12/15/98	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	02/22/83-12/15/98	2	18.5	18.5	21.	16.	12.5	3.536	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/18/82-12/15/98	1	42.	42.	42.	42.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/18/82-12/15/98	1	1.623	1.623	1.623	1.623	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			42.								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	10/18/82-12/15/98	1	158.	158.	158.	158.	0.	0.	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	10/18/82-12/15/98	1	2.199	2.199	2.199	2.199	0.	0.	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			158.								
71900	MERCURY, TOTAL (UG/L AS HG)	10/18/82-12/15/98	2 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1998 - Station CHCH0177

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/82-12/15/98	5	10.9	11.32	13.4	9.1	4.017	2.004	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/18/82-12/15/98	5	8.1	8.74	11.3	5.4	5.833	2.415	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	10/18/82-12/15/98	3 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	10/18/82-12/15/98	6 ##	2.5	5.367	19.7	2.5	49.307	7.022	**	**	**	**
00400	PH (STANDARD UNITS)	10/18/82-12/15/98	5	7.48	7.706	8.68	7.17	0.411	0.641	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/18/82-12/15/98	5	7.48	7.451	8.68	7.17	0.493	0.702	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/82-12/15/98	5	0.033	0.035	0.068	0.002	0.001	0.03	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/18/82-12/15/98	6 ##	5.	10.5	30.	5.	101.5	10.075	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/22/83-12/15/98	6 ##	0.01	0.017	0.05	0.01	0.	0.016	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/18/82-12/15/98	6	0.225	0.235	0.39	0.13	0.008	0.092	**	**	**	**
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	10/18/82-12/15/98	6	0.1	0.3	1.	0.05	0.147	0.383	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/18/82-12/15/98	6	0.02	0.028	0.07	0.002	0.001	0.027	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/23/82-12/15/98	6	99.	100.	130.	73.	561.2	23.69	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	10/18/82-12/15/98	6 ##	0.5	0.583	1.	0.5	0.042	0.204	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	10/18/82-12/15/98	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/18/82-12/15/98	6 ##	0.5	0.667	1.	0.5	0.067	0.258	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	10/18/82-12/15/98	6	3.	2.917	5.	0.5	2.842	1.686	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	10/18/82-12/15/98	6	1.5	1.75	3.	0.5	1.175	1.084	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	02/22/83-12/15/98	6 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	02/22/83-12/15/98	6	13.	13.	20.	6.	26.8	5.177	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/18/82-12/15/98	6	3150.	4161.667	9500.	840.	12790736.667	3576.414	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/18/82-12/15/98	6	3.482	3.451	3.978	2.924	0.199	0.446	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2822.177								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	10/18/82-12/15/98	6	15.	131.167	722.	0.	83952.167	289.745	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	10/18/82-12/15/98	6	1.079	1.139	2.859	0.	1.058	1.028	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			13.785								
71900	MERCURY, TOTAL (UG/L AS HG)	10/18/82-12/15/98	6 ##	0.1	0.083	0.1	0.	0.002	0.041	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 6/01 to 10/31 - Station CHCH0177

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/82-12/15/98	66	22.55	21.856	29.	5.8	18.455	4.296	15.45	20.	24.85	27.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/09/91-12/15/98	16	257.5	269.063	426.	154.	5670.863	75.305	179.9	212.5	308.25	409.9
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/18/82-11/14/94	49	286.	309.082	1008.	134.	16776.243	129.523	203.	252.	350.	425.
00300	OXYGEN, DISSOLVED MG/L	10/18/82-12/15/98	66	4.1	3.903	20.5	0.1	7.303	2.702	0.9	2.175	5.1	5.56
00310	BOD, 5 DAY, 20 DEG C MG/L	10/18/82-12/15/98	62 ##	2.5	3.077	17.	1.	4.904	2.215	2.5	2.5	2.5	5.
00335	COD, .025N K2CR2O7 MG/L	10/18/82-12/15/98	59	9.	12.354	62.7	2.5	143.038	11.96	2.5	2.5	19.	24.4
00400	PH (STANDARD UNITS)	10/18/82-12/15/98	64	7.06	7.113	9.4	5.78	0.208	0.456	6.7	6.9	7.337	7.5
00400	CONVERTED PH (STANDARD UNITS)	10/18/82-12/15/98	64	7.058	6.896	9.4	5.78	0.256	0.506	6.7	6.9	7.337	7.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/82-12/15/98	64	0.087	0.127	1.66	0.	0.047	0.216	0.032	0.046	0.126	0.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/18/82-12/15/98	66	7.	18.053	267.	0.5	2089.647	45.713	0.5	2.75	12.5	25.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/22/83-12/15/98	60	0.235	0.371	2.29	0.01	0.2	0.447	0.051	0.143	0.388	0.919
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/18/82-12/15/98	60	0.265	0.297	2.	0.005	0.086	0.293	0.05	0.113	0.36	0.613
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	10/18/82-12/15/98	60	0.6	0.806	3.8	0.05	0.458	0.677	0.21	0.425	0.9	1.6
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/18/82-12/15/98	61	0.06	0.095	0.59	0.005	0.011	0.106	0.005	0.03	0.13	0.262
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/23/82-12/15/98	66	122.5	122.303	180.	12.	937.661	30.621	82.9	107.	143.75	163.
01002	ARSENIC, TOTAL (UG/L AS AS)	10/18/82-12/15/98	67 ##	1.	2.844	106.	0.05	164.755	12.836	0.5	1.	1.	3.
01027	CADMIUM, TOTAL (UG/L AS CD)	10/18/82-12/15/98	67 ##	1.	1.166	5.	0.05	0.68	0.824	0.5	0.5	1.	2.
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/18/82-12/15/98	67 ##	5.	4.666	67.	0.1	67.224	8.199	0.5	1.	5.	6.
01042	COPPER, TOTAL (UG/L AS CU)	10/18/82-12/15/98	66	6.	10.45	57.	0.2	125.945	11.223	2.5	2.5	14.25	24.3
01051	LEAD, TOTAL (UG/L AS PB)	10/18/82-12/15/98	67 ##	5.	5.222	29.	0.35	27.425	5.237	0.5	2.	5.	10.4
01067	NICKEL, TOTAL (UG/L AS NI)	02/22/83-12/15/98	65 ##	10.	10.838	70.	1.5	151.251	12.298	1.5	5.	10.	22.
01092	ZINC, TOTAL (UG/L AS ZN)	02/22/83-12/15/98	66	22.	48.083	400.	2.5	5249.481	72.453	6.7	14.	46.75	118.7
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/18/82-12/15/98	63	1600.	29398.048	940000.	25.14621366340.917		120918.842	184.	470.	10000.	56000.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/18/82-12/15/98	63	3.204	3.382	5.973	1.398	0.898	0.948	2.265	2.672	4.	4.746
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2408.484								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	10/18/82-12/15/98	60	395.	5170.15	69000.	8.	188497688.604	13729.446	78.6	145.	2375.	15850.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	10/18/82-12/15/98	60	2.596	2.805	4.839	0.903	0.76	0.872	1.895	2.161	3.374	4.196
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			638.268								
71900	MERCURY, TOTAL (UG/L AS HG)	10/18/82-12/15/98	62 ##	0.1	0.232	6.	0.01	0.567	0.753	0.1	0.1	0.1	0.37

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 2/29 - Station CHCH0177

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/82-12/15/98	58	9.	9.347	17.	3.	10.039	3.168	5.4	7.	11.125	13.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/09/91-12/15/98	16	200.5	201.625	319.	146.	2276.25	47.71	147.4	162.	227.	277.7
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/18/82-11/14/94	42	214.	311.214	4297.	110.	400200.368	632.614	135.	173.25	263.5	297.
00300	OXYGEN, DISSOLVED MG/L	10/18/82-12/15/98	56	8.9	8.386	14.2	2.1	6.931	2.633	4.97	6.675	10.175	11.3
00310	BOD, 5 DAY, 20 DEG C MG/L	10/18/82-12/15/98	55 ##	2.5	2.389	3.7	1.	0.217	0.466	1.84	2.5	2.5	2.5
00335	COD, .025N K2CR2O7 MG/L	10/18/82-12/15/98	54 ##	2.5	7.898	29.8	2.5	51.766	7.195	2.5	2.5	13.15	18.25
00400	PH (STANDARD UNITS)	10/18/82-12/15/98	58	7.	7.129	8.68	6.2	0.232	0.482	6.6	6.8	7.4	7.759
00400	CONVERTED PH (STANDARD UNITS)	10/18/82-12/15/98	58	7.	6.933	8.68	6.2	0.271	0.52	6.6	6.8	7.4	7.759
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/82-12/15/98	58	0.1	0.117	0.631	0.002	0.011	0.107	0.018	0.04	0.158	0.251
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/18/82-12/15/98	59	8.	14.602	71.	0.5	258.783	16.087	2.	3.	22.	31.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/22/83-12/15/98	51	0.1	0.123	0.46	0.01	0.013	0.116	0.01	0.02	0.2	0.28
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/18/82-12/15/98	53	0.31	0.351	1.03	0.05	0.033	0.183	0.118	0.25	0.41	0.582
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	10/18/82-12/15/98	54	0.4	0.486	4.	0.02	0.299	0.547	0.1	0.2	0.6	0.8
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/18/82-12/15/98	54	0.05	0.064	0.36	0.005	0.004	0.065	0.005	0.02	0.085	0.15
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/23/82-12/15/98	59	90.	91.475	148.	21.	537.874	23.192	67.	74.	105.	122.
01002	ARSENIC, TOTAL (UG/L AS AS)	10/18/82-12/15/98	59 ##	1.	0.907	4.	0.5	0.332	0.576	0.5	0.5	1.	1.
01027	CADMIUM, TOTAL (UG/L AS CD)	10/18/82-12/15/98	59 ##	1.	1.305	6.	0.5	1.836	1.355	0.5	0.5	1.	2.
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/18/82-12/15/98	59 ##	5.	4.771	65.	0.5	67.486	8.215	1.	2.5	5.	5.
01042	COPPER, TOTAL (UG/L AS CU)	10/18/82-12/15/98	59	4.	7.068	46.	0.5	56.004	7.484	2.5	2.5	9.	17.
01051	LEAD, TOTAL (UG/L AS PB)	10/18/82-12/15/98	59 ##	5.	7.297	50.	0.5	74.872	8.653	0.5	2.	5.	21.
01067	NICKEL, TOTAL (UG/L AS NI)	02/22/83-12/15/98	56 ##	5.	7.554	30.	1.5	18.852	4.342	4.	5.	10.	10.
01092	ZINC, TOTAL (UG/L AS ZN)	02/22/83-12/15/98	56	20.	34.241	200.	2.5	1589.945	39.874	4.95	10.25	44.	84.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 2/29 - Station CHCH0177

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/18/82-12/15/98	57	840.	5202.123	52000.	5.	115093941.431	10728.184	74.	250.	5600.	10080.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/18/82-12/15/98	57	2.924	3.016	4.716	0.699	0.778	0.882	1.862	2.398	3.748	3.995
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1037.707								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	10/18/82-12/15/98	55	722.	6798.091	170000.	5.	545354234.158	23352.821	88.	210.	6100.	12440.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	10/18/82-12/15/98	55	2.859	2.99	5.23	0.699	0.846	0.92	1.938	2.322	3.785	4.093
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			976.857								
71900	MERCURY, TOTAL (UG/L AS HG)	10/18/82-12/15/98	52 ##	0.1	0.177	2.6	0.	0.125	0.354	0.1	0.1	0.1	0.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 3/01 to 5/31 - Station CHCH0177

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/82-12/15/98	42	14.	13.621	20.	1.5	16.032	4.004	9.	10.2	17.	18.85
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/09/91-12/15/98	10	184.	179.	245.	111.	2034.222	45.102	111.9	138.	217.5	243.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/18/82-11/14/94	29	177.	198.621	600.	122.	7983.601	89.351	126.	155.	218.	273.
00300	OXYGEN, DISSOLVED MG/L	10/18/82-12/15/98	41	8.1	7.722	11.3	2.3	3.886	1.971	4.68	6.55	9.05	9.76
00310	BOD, 5 DAY, 20 DEG C MG/L	10/18/82-12/15/98	38 ##	2.5	2.629	9.	0.3	1.703	1.305	1.96	2.5	2.5	2.75
00335	COD, .025N K2CR2O7 MG/L	10/18/82-12/15/98	38 ##	2.5	7.168	22.7	2.5	38.275	6.187	2.5	2.5	10.7	18.53
00400	PH (STANDARD UNITS)	10/18/82-12/15/98	41	6.9	7.067	8.2	6.3	0.216	0.465	6.5	6.75	7.38	7.886
00400	CONVERTED PH (STANDARD UNITS)	10/18/82-12/15/98	41	6.9	6.875	8.2	6.3	0.254	0.504	6.5	6.75	7.38	7.886
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/82-12/15/98	41	0.126	0.133	0.501	0.006	0.013	0.116	0.013	0.042	0.179	0.316
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/18/82-12/15/98	43	10.	21.674	160.	0.5	1521.582	39.007	0.7	5.	18.	39.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/22/83-12/15/98	40	0.11	0.131	0.36	0.01	0.009	0.094	0.03	0.05	0.2	0.286
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/18/82-12/15/98	40	0.27	0.29	0.88	0.13	0.015	0.122	0.19	0.223	0.325	0.409
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	10/18/82-12/15/98	38	0.3	0.396	1.2	0.05	0.089	0.299	0.095	0.2	0.525	0.91
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/18/82-12/15/98	40	0.01	0.034	0.12	0.002	0.001	0.037	0.005	0.005	0.06	0.1
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/23/82-12/15/98	42	76.5	80.048	122.	50.	337.803	18.379	57.3	64.75	93.75	107.5
01002	ARSENIC, TOTAL (UG/L AS AS)	10/18/82-12/15/98	42 ##	1.	0.94	5.	0.5	0.502	0.709	0.5	0.5	1.	1.
01027	CADMIUM, TOTAL (UG/L AS CD)	10/18/82-12/15/98	42 ##	1.	0.929	5.	0.5	0.507	0.712	0.5	0.5	1.	1.
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/18/82-12/15/98	42 ##	2.75	3.452	23.	0.5	13.961	3.736	0.5	0.5	5.	5.
01042	COPPER, TOTAL (UG/L AS CU)	10/18/82-12/15/98	42	6.	8.94	32.	0.5	59.832	7.735	2.5	2.5	14.25	20.7
01051	LEAD, TOTAL (UG/L AS PB)	10/18/82-12/15/98	42 ##	5.	5.214	24.	0.5	19.404	4.405	0.65	2.	5.	10.
01067	NICKEL, TOTAL (UG/L AS NI)	02/22/83-12/15/98	43 ##	5.	7.023	20.	1.5	14.226	3.772	1.5	5.	10.	10.
01092	ZINC, TOTAL (UG/L AS ZN)	02/22/83-12/15/98	42	17.	28.869	130.	2.5	743.757	27.272	3.3	9.	42.5	70.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/18/82-12/15/98	41	850.	25136.049	550000.	50.	8108111954.498	90045.055	90.	200.	6650.	48800.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/18/82-12/15/98	41	2.929	3.132	5.74	1.699	1.051	1.025	1.954	2.301	3.82	4.686
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1354.594								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	10/18/82-12/15/98	37	290.	11636.865	201000.	0.	1445379169.009	38018.143	28.8	74.	2050.	34000.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	10/18/82-12/15/98	37	2.462	2.633	5.303	0.	1.315	1.147	1.458	1.869	3.309	4.487
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			429.473								
71900	MERCURY, TOTAL (UG/L AS HG)	10/18/82-12/15/98	38 ##	0.1	0.124	0.8	0.01	0.014	0.117	0.1	0.1	0.1	0.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: CHCH0178

NPS Station ID: CHCH0178
LAT/LON: 35.021115/ -85.357504
Agency: 131TVAC
Date Created: / /
Location: U.S. HWYS 41 AND 64 BRIDGE EAST OF TIFTONIA
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475753 /2534
RMI-Indexes: 1021500 007720 00920 6124
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 459.80 001.21
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: LOOKOUT CREEK 1.21
ECO Region:
RF1 Index: 06020001002
RF1 Mile Point: 7.690
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 06020001124100.00
RF3 Mile Point: 0.23
Distance from RF3: 0.25
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0178

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/24/73-12/05/73	20	1.	3.15	10.	1.	11.292	3.36	1.	1.	5.	10.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/24/73-12/05/73	19	17.8	16.653	26.7	8.9	35.079	5.923	8.9	10.4	22.2	23.9
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/24/73-12/05/73	13	15.	17.846	40.	7.	119.474	10.93	8.2	10.	22.5	40.
00080	COLOR (PLATINUM-COBALT UNITS)	01/24/73-12/05/73	13	5.	8.077	15.	5.	18.91	4.349	5.	5.	12.5	15.
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	01/24/73-12/05/73	13	30.	33.846	70.	15.	196.474	14.017	17.	25.	37.5	62.
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	01/24/73-12/05/73	13 ##	0.5	0.692	1.	0.5	0.064	0.253	0.5	0.5	1.	1.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/24/73-12/05/73	13	200.	211.538	270.	160.	1597.436	39.968	164.	175.	250.	270.
00300	OXYGEN, DISSOLVED MG/L	01/24/73-12/05/73	19	7.9	8.268	11.	7.	1.571	1.253	7.1	7.2	8.7	10.4
00310	BOD, 5 DAY, 20 DEG C MG/L	01/24/73-12/05/73	13 ##	0.5	1.338	3.8	0.5	1.178	1.085	0.5	0.5	2.25	3.28
00335	COD, .025N K2CR2O7 MG/L	01/24/73-12/05/73	13	6.	7.615	16.	1.	24.59	4.959	1.4	4.	12.5	15.6
00400	PH (STANDARD UNITS)	01/24/73-12/05/73	13	7.5	7.538	8.6	6.4	0.234	0.484	6.76	7.35	7.8	8.28
00400	CONVERTED PH (STANDARD UNITS)	01/24/73-12/05/73	13	7.5	7.243	8.6	6.4	0.329	0.573	6.76	7.35	7.8	8.28
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/24/73-12/05/73	13	0.032	0.057	0.398	0.003	0.011	0.103	0.008	0.016	0.045	0.259
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/24/73-12/05/73	13	90.	91.231	120.	60.	336.026	18.331	62.8	75.5	110.	116.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/24/73-12/05/73	13	0.	0.231	3.	0.	0.692	0.832	0.	0.	0.	1.8
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/24/73-10/24/73	11	130.	127.273	160.	90.	441.818	21.019	94.	110.	140.	158.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/24/73-12/05/73	13	17.	23.	62.	11.	280.667	16.753	11.	11.5	26.5	59.2
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/24/73-12/05/73	13	0.12	0.209	0.61	0.005	0.044	0.21	0.009	0.043	0.39	0.586
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/24/73-12/05/73	13	0.02	0.033	0.08	0.01	0.001	0.023	0.01	0.015	0.055	0.072
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/24/73-12/05/73	13	0.2	0.318	1.	0.1	0.064	0.254	0.112	0.145	0.42	0.844
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/24/73-12/05/73	13	0.059	0.062	0.147	0.02	0.002	0.039	0.024	0.036	0.068	0.143
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/24/73-12/05/73	13	0.026	0.025	0.046	0.005	0.	0.012	0.007	0.015	0.033	0.043
00722	CYANIDE, FREE (AMENABLE TO CHLORINATION) MG/L	01/24/73-12/05/73	13 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
00916	CALCIUM, TOTAL (MG/L AS CA)	01/24/73-12/05/73	13	34.	35.154	46.	22.	40.974	6.401	24.4	32.	40.5	44.4
00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/24/73-12/05/73	13	4.3	5.038	7.4	3.	2.756	1.66	3.12	3.75	7.15	7.32
00929	SODIUM, TOTAL (MG/L AS NA)	01/24/73-12/05/73	13	1.7	2.054	3.7	1.2	0.629	0.793	1.24	1.35	2.65	3.42
00937	POTASSIUM, TOTAL MG/L AS K)	01/24/73-12/05/73	13	1.5	1.662	2.8	0.9	0.398	0.631	0.94	1.15	2.1	2.76
00940	CHLORIDE,TOTAL IN WATER MG/L	01/24/73-12/05/73	13	3.	3.615	6.	2.	1.09	1.044	2.4	3.	4.	5.6
00945	SULFATE, TOTAL (MG/L AS SO4)	01/24/73-12/05/73	13	8.	8.077	11.	5.	4.744	2.178	5.	6.	10.	10.6
00951	FLUORIDE, TOTAL (MG/L AS F)	01/24/73-12/05/73	13	0.08	0.091	0.14	0.06	0.001	0.028	0.06	0.07	0.115	0.136
00956	SILICA, TOTAL (MG/L AS SI02)	01/24/73-12/05/73	13	5.5	5.231	6.	4.1	0.549	0.741	4.1	4.5	5.85	6.
01002	ARSENIC, TOTAL (UG/L AS AS)	01/24/73-12/05/73	13 ##	2.5	2.692	5.	2.5	0.481	0.693	2.5	2.5	2.5	4.
01007	BARIUM, TOTAL (UG/L AS BA)	01/24/73-12/05/73	13 ##	50.	50.	50.	50.	0.	0.	50.	50.	50.	50.
01012	BERYLLIUM, TOTAL (UG/L AS BE)	01/24/73-12/05/73	13 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01027	CADMIUM, TOTAL (UG/L AS CD)	01/24/73-12/05/73	13	2.	2.885	10.	0.5	9.34	3.056	0.5	0.5	5.	8.8
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/24/73-12/05/73	13 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01042	COPPER, TOTAL (UG/L AS CU)	01/24/73-12/05/73	13 ##	5.	10.769	30.	5.	74.359	8.623	5.	5.	20.	26.
01045	IRON, TOTAL (UG/L AS FE)	01/24/73-12/05/73	13	1000.	1218.462	2600.	600.	401180.769	633.388	608.	880.	1300.	2560.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0178

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01046	IRON, DISSOLVED (UG/L AS FE)	01/24/73-12/05/73	13	50.	50.769	100.	25.	811.859	28.493	25.	25.	70.	100.
01047	IRON, FERROUS (UG/L AS FE)	01/24/73-12/05/73	13	140.	168.462	350.	50.	10897.436	104.391	50.	80.	285.	334.
01051	LEAD, TOTAL (UG/L AS PB)	01/24/73-12/05/73	13 ##	5.	8.385	30.	5.	50.59	7.113	5.	5.	10.	23.6
01055	MANGANESE, TOTAL (UG/L AS MN)	01/24/73-12/05/73	13	120.	141.538	300.	70.	5764.103	75.922	74.	85.	170.	296.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	01/24/73-12/05/73	13	60.	68.462	160.	10.	1914.103	43.75	14.	40.	90.	152.
01067	NICKEL, TOTAL (UG/L AS NI)	01/24/73-12/05/73	13 ##	25.	25.	25.	25.	0.	0.	25.	25.	25.	25.
01077	SILVER, TOTAL (UG/L AS AG)	01/24/73-12/05/73	13 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01092	ZINC, TOTAL (UG/L AS ZN)	01/24/73-12/05/73	13	20.	20.	40.	5.	158.333	12.583	5.	5.	30.	40.
01105	ALUMINUM, TOTAL (UG/L AS AL)	01/24/73-12/05/73	13	1400.	1653.846	3800.	600.	1027692.308	1013.752	640.	900.	1950.	3720.
01147	SELENIUM, TOTAL (UG/L AS SE)	01/24/73-12/05/73	13 ##	0.5	0.885	4.	0.5	1.048	1.024	0.5	0.5	0.5	3.2
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/24/73-12/05/73	13	90.	371.154	1400.	5.	223846.474	473.124	5.	7.5	610.	1308.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/24/73-12/05/73	13	1.954	1.911	3.146	0.699	0.958	0.979	0.699	0.849	2.781	3.115
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			81.482								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/24/73-12/05/73	13	30.	80.769	330.	5.	11532.692	107.39	5.	5.	140.	298.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/24/73-12/05/73	13	1.477	1.477	2.519	0.699	0.469	0.685	0.699	0.699	2.116	2.47
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			29.99								
32250	OIL, PETROLEUM ETHER EXTRACTABLES (MG/L)	01/24/73-07/31/73	7 ##	5.	5.714	10.	5.	3.571	1.89	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/24/73-12/05/73	13 ##	0.5	2.038	10.	0.5	8.186	2.861	0.5	0.5	3.5	8.
46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	01/24/73-12/05/73	13	100.	108.462	150.	67.	513.936	22.67	73.8	95.	130.	142.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/07/73-12/05/73	2	125.	125.	150.	100.	1250.	35.355	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	01/24/73-12/05/73	13 ##	0.1	0.385	1.6	0.1	0.21	0.458	0.1	0.1	0.7	1.28

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0178

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	13	0	0.00	6	0	0.00	4	0	0.00	3	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	19	0	0.00	9	0	0.00	7	0	0.00	3	0	0.00			
00400	PH	Fresh Chronic	9.	13	0	0.00	6	0	0.00	4	0	0.00	3	0	0.00			
		Other-Lo Lim.	6.5	13	1	0.08	6	1	0.17	4	0	0.00	3	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	13	0	0.00	6	0	0.00	4	0	0.00	3	0	0.00			
00722	CYANIDE, FREE (AMENABLE TO CHLORINATION)	Fresh Acute	0.022	13	0	0.00	6	0	0.00	4	0	0.00	3	0	0.00			
		Drinking Water	0.2	13	0	0.00	6	0	0.00	4	0	0.00	3	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	13	0	0.00	6	0	0.00	4	0	0.00	3	0	0.00			
		Drinking Water	250.	13	0	0.00	6	0	0.00	4	0	0.00	3	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	13	0	0.00	6	0	0.00	4	0	0.00	3	0	0.00			
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	13	0	0.00	6	0	0.00	4	0	0.00	3	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	13	0	0.00	6	0	0.00	4	0	0.00	3	0	0.00			
		Drinking Water	50.	13	0	0.00	6	0	0.00	4	0	0.00	3	0	0.00			
01007	BARIUM, TOTAL	Drinking Water	2000.	13	0	0.00	6	0	0.00	4	0	0.00	3	0	0.00			
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	13	0	0.00	6	0	0.00	4	0	0.00	3	0	0.00			
		Drinking Water	4.	0 &	0	0.00												
01027	CADMIUM, TOTAL	Fresh Acute	3.9	13	4	0.31	6	2	0.33	4	2	0.50	3	0	0.00			
		Drinking Water	5.	13	3	0.23	6	2	0.33	4	1	0.25	3	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	13	0	0.00	6	0	0.00	4	0	0.00	3	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	13	4	0.31	6	2	0.33	4	0	0.00	3	2	0.67			
		Drinking Water	1300.	13	0	0.00	6	0	0.00	4	0	0.00	3	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	13	0	0.00	6	0	0.00	4	0	0.00	3	0	0.00			
		Drinking Water	15.	13	1	0.08	6	1	0.17	4	0	0.00	3	0	0.00			
01067	NICKEL, TOTAL	Fresh Acute	1400.	13	0	0.00	6	0	0.00	4	0	0.00	3	0	0.00			
		Drinking Water	100.	13	0	0.00	6	0	0.00	4	0	0.00	3	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	100.	13	0	0.00	6	0	0.00	4	0	0.00	3	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	13	0	0.00	6	0	0.00	4	0	0.00	3	0	0.00			
		Drinking Water	5000.	13	0	0.00	6	0	0.00	4	0	0.00	3	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	13	0	0.00	6	0	0.00	4	0	0.00	3	0	0.00			
		Drinking Water	50.	13	0	0.00	6	0	0.00	4	0	0.00	3	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	13	2	0.15	6	1	0.17	4	0	0.00	3	1	0.33			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0178

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	13	2	0.15	6	1	0.17	4	0	0.00	3	1	0.33			
71900	MERCURY, TOTAL	Fresh Acute	2.4	13	0	0.00	6	0	0.00	4	0	0.00	3	0	0.00			
		Drinking Water	2.	13	0	0.00	6	0	0.00	4	0	0.00	3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0179

NPS Station ID: CHCH0179
LAT/LON: 35.021392/ -85.298615
Agency: 21TNWQ
Date Created: / /
Location: DOBBS BRANCH
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 000900 /330900 /230900
RMI-Indexes: 1021500 007720 00920 6140 0050
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 003.10 000.30
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 06020001124000.00
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
BRIDGE ON CORNER OF BURNETTE STREET

Parameter Inventory for Station: CHCH0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/25/65-05/27/65	3	27.	27.	28.	26.	1.	1.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/25/65-05/27/65	3	1.5	2.367	4.2	1.4	2.523	1.589	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	05/25/65-05/27/65	3	122.	113.	139.	78.	991.	31.48	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0179

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	3	2	0.67							3	2	0.67			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0180

NPS Station ID: CHCH0180
LAT/LON: 35.021671/ -85.311392
Agency: 131TVAC
Date Created: / /
Location: STATION WAS 2.2 UNTIL JAN.1,1969
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475380 /2570
RMI-Indexes: 1021500 007720 00920 6140
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 001.66
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: CHATTANOOGA CREEK 1.66
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 28.60
On/Off RF1:
RF3 Index: 06020001125000.00
RF3 Mile Point: 0.07
Distance from RF3: 0.04
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0180

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/07/67-12/03/69	14	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/07/67-12/03/69	13	18.1	16.3	28.3	2.	75.907	8.712	2.88	9.05	23.45	27.86
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/07/67-10/11/67	2	27.	27.	27.	27.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/07/67-10/11/67	2	22.5	22.5	40.	5.	612.5	24.749	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	09/07/67-10/11/67	2 ##	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/07/67-12/03/69	14 ##	1.175	3.268	10.4	0.05	16.224	4.028	0.05	0.05	7.225	10.3
00310	BOD, 5 DAY, 20 DEG C MG/L	09/07/67-10/11/67	2	50.	50.	60.	40.	200.	14.142	**	**	**	**
00400	PH (STANDARD UNITS)	09/07/67-09/07/67	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/07/67-09/07/67	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/07/67-09/07/67	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	09/07/67-10/11/67	2	285.	285.	330.	240.	4050.	63.64	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/07/67-10/11/67	2	265.	265.	310.	220.	4050.	63.64	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/07/67-09/07/67	1	0.59	0.59	0.59	0.59	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/07/67-09/07/67	1	1.15	1.15	1.15	1.15	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/07/67-09/07/67	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/07/67-09/07/67	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/11/67-10/11/67	1	37.	37.	37.	37.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/07/67-10/11/67	2	50.	50.	50.	50.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/07/67-10/11/67	2	3130000.	3130000.	6200000.	60000.	**********	4341635.636	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/07/67-10/11/67	2	5.785	5.785	6.792	4.778	2.029	1.424	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			609918.027								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/07/67-10/11/67	2	75000.	75000.	90000.	60000.	450000000.	21213.203	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/07/67-10/11/67	2	4.866	4.866	4.954	4.778	0.016	0.125	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			73484.692								
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	05/21/71-05/21/71	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0180

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	7 &	2	0.29				4	2	0.50	3	0	0.00			
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0180

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	2	0	0.00	2	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	2	1.00	2	2	1.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	2	2	1.00	2	2	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0181

NPS Station ID: CHCH0181
Location: CHATTANOOGA CREEK
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes: 1021500 007720 00920 6140
RMI-Miles: 0953.80 0046.50 460.60 001.60
HUC: 06020001
Major Basin: TENNESSEE RIVER
Minor Basin: TENNESSEE RIVER
RF1 Index: 06020001006
RF3 Index: 06020001124402.18
Description:
BRIDGE ON S MARKET ST.

LAT/LON: 35.021671/ -85.311671
Depth of Water: 0
Elevation: 0
RF1 Mile Point: 0.100
RF3 Mile Point: 3.55

Agency: 21TNWQ
FIPS State/County: 47065 TENNESSEE/HAMILTON
STORET Station ID(s): 000570 /330570 /230570
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 13.10
Distance from RF3: 0.15

Date Created: / /
On/Off RF1: OFF
On/Off RF3:

Parameter Inventory for Station: CHCH0181

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/64-05/27/65	11	24.	23.727	30.	20.	7.218	2.687	20.2	21.	25.	29.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/02/64-06/11/64	8	30.	30.25	59.	16.	190.5	13.802	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	06/02/64-06/04/64	4	113.5	112.	150.	71.	1051.333	32.424	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	06/02/64-06/11/64	8	126.	169.	420.	97.	11608.	107.74	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/02/64-05/27/65	11	0.	0.091	0.5	0.	0.033	0.181	0.	0.	0.1	0.48
00310	BOD, 5 DAY, 20 DEG C MG/L	06/02/64-05/27/65	11	13.2	13.145	22.	1.	39.033	6.248	2.08	10.	17.	22.
00403	PH, LAB, STANDARD UNITS SU	06/02/64-06/11/64	8	7.3	7.237	7.3	7.1	0.008	0.092	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/02/64-06/11/64	8	7.3	7.229	7.3	7.1	0.008	0.092	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/02/64-06/11/64	8	0.05	0.059	0.079	0.05	0.	0.013	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/02/64-06/11/64	8	106.	109.25	126.	94.	137.071	11.708	**	**	**	**
00437	ACIDITY, CO2 (PHENOLPHTHALEIN) (MG/L AS CACO3)	06/02/64-06/11/64	8	6.	6.75	9.	6.	1.357	1.165	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/02/64-06/11/64	8	28.	31.375	75.	7.	413.696	20.34	**	**	**	**
00545	RESIDUE, SETTLEABLE (ML/L)	06/02/64-06/11/64	7 ##	0.025	0.075	0.3	0.025	0.011	0.103	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/02/64-06/11/64	8	34.	34.875	56.	7.	271.839	16.488	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0181

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	8	1	0.13	8	1	0.13									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	11	11	1.00	8	8	1.00				3	3	1.00			
00403	PH, LAB	Fresh Chronic	9.	8	0	0.00	8	0	0.00									
		Other-Lo Lim.	6.5	8	0	0.00	8	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	8	0	0.00	8	0	0.00									
		Drinking Water	250.	8	0	0.00	8	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0182

NPS Station ID: CHCH0182
Location: AT BURNETT STREET
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes: 1021500 007720 00920 6140 0050
RMI-Miles: 0953.80 0046.50 460.60 003.10 000.47
HUC: 06020001
Major Basin: TENNESSEE RIVER BASIN
Minor Basin: DOBBS BRANCH 0.47
RF1 Index: 06020001
RF3 Index: 06020001124400.00
Description:

LAT/LON: 35.021948/ -85.296949
Depth of Water: 0
Elevation: 0
RF1 Mile Point: 0.000
RF3 Mile Point: 0.00

Agency: 131TVAC
FIPS State/County: 47065 TENNESSEE/HAMILTON
STORET Station ID(s): 475384 /2600
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 1.20
Distance from RF3: 0.01

Date Created: / /
On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: CHCH0182

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/07/67-10/11/67	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/07/67-10/11/67	2	19.7	19.7	25.	14.4	56.18	7.495	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/07/67-10/11/67	2 ##	26.25	26.25	50.	2.5	1128.125	33.588	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/07/67-10/11/67	2	5.65	5.65	7.3	4.	5.445	2.333	**	**	**	**
00304	BOD, 2 DAY, 20 DEG C MG/L	09/07/67-10/11/67	2	6.55	6.55	7.1	6.	0.605	0.778	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/07/67-10/11/67	2	20.	20.	20.	20.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/07/67-09/07/67	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/07/67-09/07/67	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/07/67-09/07/67	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	09/07/67-10/11/67	2	915.	915.	950.	880.	2450.	49.497	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/07/67-10/11/67	2	900.	900.	930.	870.	1800.	42.426	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/07/67-09/07/67	1	0.79	0.79	0.79	0.79	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/07/67-09/07/67	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/07/67-09/07/67	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/07/67-09/07/67	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/11/67-10/11/67	1	850.	850.	850.	850.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/07/67-10/11/67	2	46000.	46000.	60000.	32000.	392000000.	19798.99	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/07/67-10/11/67	2	4.642	4.642	4.778	4.505	0.037	0.193	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			43817.805								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/07/67-10/11/67	2	14500.	14500.	24000.	5000.	180500000.	13435.029	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/07/67-10/11/67	2	4.04	4.04	4.38	3.699	0.232	0.482	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			10954.451								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0182

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	1	0.50	2	1	0.50									
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	1	1.00	1	1	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0182

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	2	1.00	2	2	1.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	2	2	1.00	2	2	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0183

NPS Station ID: CHCH0183
Location: ABOVE CENTRAL OF GEORGIA RR
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes: 1021500 007720 00920 6140 0050
RMI-Miles: 0953.80 0046.50 460.60 003.10 000.29
HUC: 06020001
Major Basin: TENNESSEE RIVER BASIN
Minor Basin: DOBBS BRANCH 0.29
RF1 Index: 06020001
RF3 Index: 06020001130500.00
Description:

LAT/LON: 35.021948/ -85.298615
Depth of Water: 0
Elevation: 0
RF1 Mile Point: 0.000
RF3 Mile Point: 0.00

Agency: 131TVAC
FIPS State/County: 47065 TENNESSEE/HAMILTON
STORET Station ID(s): 475385 /2597
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 17.30
Distance from RF3: 0.09

Date Created: / /
On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: CHCH0183

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/07/67-10/11/67	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/07/67-10/11/67	2	15.5	15.5	20.	11.	40.5	6.364	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/07/67-10/11/67	2 ##	21.25	21.25	40.	2.5	703.125	26.517	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/07/67-10/11/67	2	3.25	3.25	3.9	2.6	0.845	0.919	**	**	**	**
00304	BOD, 2 DAY, 20 DEG C MG/L	09/07/67-10/11/67	2	17.5	17.5	28.	7.	220.5	14.849	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/07/67-10/11/67	2	85.	85.	130.	40.	4050.	63.64	**	**	**	**
00400	PH (STANDARD UNITS)	09/07/67-09/07/67	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/07/67-09/07/67	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/07/67-09/07/67	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	09/07/67-10/11/67	2	840.	840.	930.	750.	16200.	127.279	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/07/67-10/11/67	2	780.	780.	820.	740.	3200.	56.569	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/07/67-09/07/67	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/07/67-09/07/67	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/07/67-09/07/67	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/07/67-09/07/67	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/11/67-10/11/67	1	350.	350.	350.	350.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/07/67-10/11/67	2	303000.	303000.	600000.	6000.176418000000.		420021.428	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/07/67-10/11/67	2	4.778	4.778	5.778	3.778	2.	1.414	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			60000.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/07/67-10/11/67	2	103000.	103000.	200000.	6000.18818000000.		137178.716	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/07/67-10/11/67	2	4.54	4.54	5.301	3.778	1.16	1.077	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			34641.016								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0183

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	2	1.00	2	2	1.00									
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	1	1.00	1	1	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0183

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	2	1.00	2	2	1.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	2	2	1.00	2	2	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0184

NPS Station ID: CHCH0184
LAT/LON: 35.021948/ -85.303615
Agency: 21TNWQ
Date Created: 10/01/83
Location: CHATTANOOGA CREEK 2.1 QUAD 105SE
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM/TISSUE
STORET Station ID(s): CHATTCRIS02
RMI-Indexes: 1021500 007720 00920 6140
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 002.10
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 06020001124400.28
RF3 Mile Point: 0.54
Distance from RF3: 0.02
On/Off RF3:
Description:
TENN DIVISION OF WATER MANAGEMENT LIBRARY FILE INDEX NO. BG0.12

Parameter Inventory for Station: CHCH0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/14/82-07/15/82	2	26.	26.	26.	26.	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/14/82-07/15/82	2	4.6	4.6	5.6	3.6	2.	1.414	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	07/14/82-07/15/82	2	61.	61.	65.	57.	32.	5.657	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/14/82-07/15/82	2	4.75	4.75	6.	3.5	3.125	1.768	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	07/14/82-07/15/82	2	3.	3.	4.	2.	2.	1.414	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	07/14/82-07/15/82	2	11.5	11.5	15.	8.	24.5	4.95	**	**	**	**
00400	PH (STANDARD UNITS)	07/14/82-07/15/82	2	7.	7.	7.	7.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/14/82-07/15/82	2	7.	7.	7.	7.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/14/82-07/15/82	2	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/14/82-07/15/82	2	128.5	128.5	131.	126.	12.5	3.536	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	07/14/82-07/15/82	2	194.	194.	197.	191.	18.	4.243	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/14/82-07/15/82	2	6.	6.	9.	3.	18.	4.243	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/14/82-07/15/82	2	0.585	0.585	0.79	0.38	0.084	0.29	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/14/82-07/15/82	2	0.215	0.215	0.23	0.2	0.	0.021	**	**	**	**
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	07/14/82-07/15/82	2	1.35	1.35	1.7	1.	0.245	0.495	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/14/82-07/15/82	2	0.075	0.075	0.1	0.05	0.001	0.035	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/14/82-07/15/82	2	131.	131.	133.	129.	8.	2.828	**	**	**	**
00910	CALCIUM (MG/L AS CACO3)	07/14/82-07/15/82	2	91.25	91.25	106.6	75.9	471.245	21.708	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/14/82-07/15/82	2	7.8	7.8	8.8	6.8	2.	1.414	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	07/14/82-07/15/82	2	9.4	9.4	10.5	8.3	2.42	1.556	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	07/14/82-07/15/82	2	3.	3.	4.	2.	2.	1.414	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/14/82-07/15/82	2	10.5	10.5	12.	9.	4.5	2.121	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/14/82-07/15/82	2	29.	29.	30.	28.	2.	1.414	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/14/82-07/15/82	2	0.155	0.155	0.17	0.14	0.	0.021	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	07/14/82-07/15/82	2 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	07/14/82-07/15/82	2	0.02	0.02	0.03	0.01	0.	0.014	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	07/14/82-07/14/82	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/16/81-11/16/81	1	35.	35.	35.	35.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/14/82-07/15/82	2	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/14/82-07/15/82	2	0.06	0.06	0.1	0.02	0.003	0.057	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11/16/81-11/16/81	1	113.	113.	113.	113.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/14/82-07/15/82	2	0.65	0.65	0.7	0.6	0.005	0.071	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/14/82-07/15/82	2	0.025	0.025	0.03	0.02	0.	0.007	**	**	**	**
01054	MANGANESE, SUSPENDED (UG/L AS MN)	11/16/81-11/16/81	1	385.	385.	385.	385.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	07/14/82-07/15/82	2	0.35	0.35	0.4	0.3	0.005	0.071	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	07/15/82-07/15/82	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/16/81-11/16/81	1	55.	55.	55.	55.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	07/14/82-07/15/82	2	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	07/14/82-07/15/82	2	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/14/82-07/15/82	2	12100.	12100.	16000.	8200.	30420000.	5515.433	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/14/82-07/15/82	2	4.059	4.059	4.204	3.914	0.042	0.205	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			11454.257								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/14/82-07/15/82	2	9400.	9400.	12000.	6800.	13520000.	3676.955	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/14/82-07/15/82	2	3.956	3.956	4.079	3.833	0.03	0.174	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			9033.272								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/14/82-07/15/82	2	300.	300.	392.	208.	16928.	130.108	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/14/82-07/15/82	2	2.456	2.456	2.593	2.318	0.038	0.195	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			285.545								
34208	ACENAPHTHENE DRY WGTBOTUG/KG	11/16/81-11/16/81	1	32000.	32000.	32000.	32000.	0.	0.	**	**	**	**
34223	ANTHRACENE DRY WGTBOTUG/KG	11/16/81-11/16/81	1	207000.	207000.	207000.	207000.	0.	0.	**	**	**	**
34379	FLUORANTHENE DRY WGTBOTUG/KG	11/16/81-11/16/81	1	128000.	128000.	128000.	128000.	0.	0.	**	**	**	**
34384	FLUORENE DRY WGTBOTUG/KG	11/16/81-11/16/81	1	185000.	185000.	185000.	185000.	0.	0.	**	**	**	**
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	07/14/82-07/14/82	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0184

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00	2	0	0.00									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	1	0.50	2	1	0.50									
00400	PH	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00	2	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00									
		Drinking Water	250.	2	0	0.00	2	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00	2	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00	2	0	0.00									
01002	ARSENIC, TOTAL	Fresh Acute	360.	2	0	0.00	2	0	0.00									
		Drinking Water	50.	2	0	0.00	2	0	0.00									
01007	BARIUM, TOTAL	Drinking Water	2000.	2	0	0.00	2	0	0.00									
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	2	0	0.00	2	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	2	0	0.00	2	0	0.00									
		Drinking Water	1300.	2	0	0.00	2	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	2	0	0.00	2	0	0.00									
		Drinking Water	15.	2	0	0.00	2	0	0.00									
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	2	0	0.00	2	0	0.00									
		Drinking Water	5000.	2	0	0.00	2	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	2	1.00	2	2	1.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	2	2	1.00	2	2	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0185

NPS Station ID: CHCH0185
LAT/LON: 35.022226/ -85.298059
Agency: 1113S000
Date Created: / /
Location: DOBBS BR @ UNNAMED TRIB. @ M 0.3
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 470210 /TR-DBT-1
RMI-Indexes: 1021500 007720 00920 6140 0050 0320
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 003.10 000.30 000.10
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 14.30
On/Off RF1:
RF3 Index: 06020001130500.00
RF3 Mile Point: 0.00
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0185

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/27/73-03/07/73	7	1.	1.	1.	1.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/27/73-03/07/73	7	19.	19.071	23.	12.	14.869	3.856	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/27/73-03/07/73	7	160.	926.429	2500.	15.	1144639.286	1069.878	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/27/73-03/07/73	7	740.	736.429	950.	395.	34764.286	186.452	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	02/27/73-03/07/73	2	6.15	6.15	6.5	5.8	0.245	0.495	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	02/27/73-03/07/73	7	193.	194.571	350.	56.	9363.286	96.764	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	02/27/73-03/02/73	2	648.	648.	856.	440.	86528.	294.156	**	**	**	**
00400	PH (STANDARD UNITS)	02/27/73-03/07/73	7	6.7	6.657	7.	5.9	0.137	0.37	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/27/73-03/07/73	7	6.7	6.481	7.	5.9	0.173	0.416	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/27/73-03/07/73	7	0.2	0.331	1.259	0.1	0.171	0.414	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	02/27/73-03/07/73	7	7.1	7.	7.3	6.5	0.083	0.289	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	02/27/73-03/07/73	7	7.1	6.907	7.3	6.5	0.093	0.306	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/27/73-03/07/73	7	0.079	0.124	0.316	0.05	0.01	0.098	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/27/73-03/07/73	7	176.	168.857	285.	61.	5717.81	75.616	**	**	**	**
00435	ACIDITY, TOTAL (MG/L AS CACO3)	02/27/73-03/07/73	7	29.	35.143	70.	9.	542.143	23.284	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	02/27/73-03/07/73	7	1137.	1029.	1740.	349.	236782.667	486.603	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	02/27/73-03/07/73	7	466.	390.571	645.	89.	53119.619	230.477	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	02/27/73-03/07/73	7	668.	698.714	1205.	219.	107458.571	327.809	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/27/73-03/07/73	7	262.	330.286	584.	70.	45467.571	213.231	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/27/73-03/07/73	7	174.	166.143	264.	62.	6918.476	83.177	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/27/73-03/07/73	7	8.9	8.286	11.7	4.22	8.161	2.857	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/27/73-03/07/73	7	13.5	12.757	21.8	4.85	32.327	5.686	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/27/73-03/07/73	7	1.22	1.28	2.23	0.25	0.517	0.719	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/27/73-03/07/73	7	0.46	0.49	0.82	0.18	0.05	0.223	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/27/73-03/07/73	7	140.	148.286	260.	48.	4413.905	66.437	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/27/73-03/07/73	7	3500000.	4197142.857	9200000.	790000.	**********	3593423.225	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/27/73-03/07/73	7	6.544	6.456	6.964	5.898	0.193	0.44	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			2856817.204								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/27/73-03/07/73	7	50000.	208285.714	790000.	23000.	77627571428.571	278617.249	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/27/73-03/07/73	7	4.699	5.009	5.898	4.362	0.306	0.553	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			102001.359								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0185

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	7	6	0.86				2	2	1.00	5	4	0.80			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00				1	0	0.00	1	0	0.00			
00400	PH	Fresh Chronic	9.	7	0	0.00				2	0	0.00	5	0	0.00			
		Other-Lo Lim.	6.5	7	1	0.14				2	0	0.00	5	1	0.20			
00403	PH, LAB	Fresh Chronic	9.	7	0	0.00				2	0	0.00	5	0	0.00			
		Other-Lo Lim.	6.5	7	1	0.14				2	0	0.00	5	1	0.20			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	7	0	0.00				2	0	0.00	5	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	7	7	1.00				2	2	1.00	5	5	1.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	7	7	1.00				2	2	1.00	5	5	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0186

NPS Station ID: CHCH0186
LAT/LON: 35.022226/ -85.311115
Agency: 1113S000
Date Created: / /
Location: CHATT CK AT MARKET STREET BRIDGE
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 470204 /TR-C-1.6
RMI-Indexes: 1021500 007720 00920 6140
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 001.60
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 06020001124400.28
RF3 Mile Point: 3.33
Distance from RF3: 0.06
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0186

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/27/73-03/07/73	7	1.	1.	1.	1.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/27/73-03/07/73	7	12.	12.071	14.5	10.	4.369	2.09	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	02/28/73-03/07/73	6	140.	168.667	369.	67.	14614.667	120.891	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/27/73-03/07/73	7	30.	50.714	145.	11.	2779.238	52.718	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/27/73-03/07/73	7	295.	267.	330.	175.	3796.333	61.614	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	02/27/73-03/07/73	7	7.	7.071	8.	6.3	0.392	0.626	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	02/27/73-03/07/73	7	6.5	10.757	40.	3.7	168.663	12.987	**	**	**	**
00400	PH (STANDARD UNITS)	02/27/73-03/07/73	7	7.15	7.129	7.3	7.	0.012	0.107	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/27/73-03/07/73	7	7.15	7.117	7.3	7.	0.012	0.108	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/27/73-03/07/73	7	0.071	0.076	0.1	0.05	0.	0.019	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	02/27/73-03/07/73	7	7.4	7.4	7.5	7.3	0.01	0.1	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	02/27/73-03/07/73	7	7.4	7.39	7.5	7.3	0.01	0.101	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/27/73-03/07/73	7	0.04	0.041	0.05	0.032	0.	0.009	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/27/73-03/07/73	7	73.	70.286	81.	54.	90.238	9.499	**	**	**	**
00435	ACIDITY, TOTAL (MG/L AS CACO3)	02/27/73-03/07/73	7	3.	2.643	4.	0.5	1.56	1.249	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/27/73-03/07/73	7	1.6	1.837	3.12	0.64	0.745	0.863	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/27/73-03/07/73	7	1.65	2.067	3.72	0.95	1.107	1.052	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/27/73-03/07/73	7	0.34	0.364	0.65	0.26	0.017	0.129	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/27/73-03/07/73	7	0.14	0.193	0.52	0.06	0.024	0.154	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/27/73-03/07/73	7	5.	7.714	25.	3.	60.571	7.783	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/27/73-03/07/73	7	49000.	265000.	1600000.	13000.347040333333.333	589101.293		**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/27/73-03/07/73	7	4.69	4.787	6.204	4.114	0.469	0.685	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			61187.993								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/27/73-03/07/73	7	3300.	81042.857	540000.	2200.40972562857.143	202416.805		**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/27/73-03/07/73	7	3.519	3.871	5.732	3.342	0.739	0.86	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7431.073								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0186

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	7	2	0.29				2	0	0.00	5	2	0.40			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	7	0	0.00				2	0	0.00	5	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0186

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	7	0	0.00				2	0	0.00	5	0	0.00			
		Other-Lo Lim.	6.5	7	0	0.00				2	0	0.00	5	0	0.00			
00403	PH, LAB	Fresh Chronic	9.	7	0	0.00				2	0	0.00	5	0	0.00			
		Other-Lo Lim.	6.5	7	0	0.00				2	0	0.00	5	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	7	0	0.00				2	0	0.00	5	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	7	7	1.00				2	2	1.00	5	5	1.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	7	7	1.00				2	2	1.00	5	5	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0187

NPS Station ID: CHCH0187
LAT/LON: 35.022504/ -85.305281
Agency: 21TNWQ
Date Created: 10/01/83
Location: CHATTANOOGA CREEK 2.0 QUAD 105SE
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM/TISSUE
STORET Station ID(s): CHATTCRIS15
RMI-Indexes: 1021500 007720 00920 6140
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 002.00
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 06020001124800.00
RF3 Mile Point: 0.00
Distance from RF3: 0.03
On/Off RF3:
Description:
TENN DIVISION OF WATER MANAGEMENT LIBRARY FILE INDEX NO. BG0.12

Parameter Inventory for Station: CHCH0187

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/30/81-06/30/81	4	101.5	148.75	311.	81.	12046.917	109.758	**	**	**	**
00023	SAMPLE WEIGHT IN POUNDS	06/30/81-06/30/81	4	0.31	1.843	6.56	0.19	9.894	3.146	**	**	**	**
00024	SAMPLE LENGTH IN INCHES	06/30/81-06/30/81	4	8.	11.313	23.	6.25	62.057	7.878	**	**	**	**
01069	NICKEL, TOTAL IN FISH OR ANIMALS-WET WEIGHT MG/KG	06/30/81-06/30/81	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34252	BERYLLIUM WET WGTTISMG/KG	06/30/81-06/30/81	2	0.425	0.425	0.45	0.4	0.001	0.035	**	**	**	**
39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	06/30/81-06/30/81	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
39515	PCBS (MG/KG) FISH TISSUE MG/KG	06/30/81-06/30/81	3	0.16	0.125	0.16	0.055	0.004	0.061	**	**	**	**
39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	06/30/81-06/30/81	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	06/30/81-06/30/81	1	0.13	0.13	0.13	0.13	0.	0.	**	**	**	**
71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	06/30/81-06/30/81	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	06/30/81-06/30/81	2	0.47	0.47	0.71	0.23	0.115	0.339	**	**	**	**
71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	06/30/81-06/30/81	2 ##	0.125	0.125	0.2	0.05	0.011	0.106	**	**	**	**
71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	06/30/81-06/30/81	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
81742	SILVER IN FISH TISSUE WET WEIGHT (MG/KG)PPM	06/30/81-06/30/81	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: CHCH0188

NPS Station ID: CHCH0188
LAT/LON: 35.022781/ -85.301670
Agency: 131TVAC
Date Created: 10/04/80
Location: TRIBUTARY TO CHATTANOOGA CREEK 2.2
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM/SOLIDS
STORET Station ID(s): 476287
RMI-Indexes: 1021500 007720 00920 6140 0050
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 002.20 000.10
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: DOBBS BRANCH 0.1
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 13.40
On/Off RF1:
RF3 Index: 06020001124400.28
RF3 Mile Point: 1.75
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0188

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/10/80-09/10/80	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/10/80-09/10/80	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/10/80-09/10/80	1	730.	730.	730.	730.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/10/80-09/10/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/10/80-09/10/80	1	5.7	5.7	5.7	5.7	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/10/80-09/10/80	1	5.7	5.7	5.7	5.7	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/10/80-09/10/80	1	1.995	1.995	1.995	1.995	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/10/80-09/10/80	1	160.	160.	160.	160.	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	09/10/80-09/10/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	09/10/80-09/10/80	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	09/10/80-09/10/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	09/11/80-09/11/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	09/11/80-09/11/80	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/11/80-09/11/80	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/11/80-09/11/80	1	35.	35.	35.	35.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/10/80-09/10/80	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/10/80-09/10/80	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/11/80-09/11/80	1	32.9	32.9	32.9	32.9	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/10/80-09/10/80	1 ##	250.	250.	250.	250.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/11/80-09/11/80	1	232.	232.	232.	232.	0.	0.	**	**	**	**
01059	THALLIUM, TOTAL (UG/L AS TL)	09/10/80-09/10/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	09/10/80-09/10/80	1 ##	75.	75.	75.	75.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/11/80-09/11/80	1	16.	16.	16.	16.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	09/10/80-09/10/80	1 ##	30.	30.	30.	30.	0.	0.	**	**	**	**
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	09/11/80-09/11/80	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/10/80-09/10/80	1	52.	52.	52.	52.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	09/11/80-09/11/80	1	234.	234.	234.	234.	0.	0.	**	**	**	**
01097	ANTIMONY, TOTAL (UG/L AS SB)	09/10/80-09/10/80	1 ##	250.	250.	250.	250.	0.	0.	**	**	**	**
01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	09/11/80-09/11/80	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	09/10/80-09/10/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	09/11/80-09/11/80	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
32104	BROMOFORM,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
32106	CHLOROFORM,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0188

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	09/10/80-09/10/80	1	30.	30.	30.	30.	0.	0.	**	**	**	**
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34200	ACENAPHTHYLENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34205	ACENAPHTHENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34208	ACENAPHTHENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1	1100.	1100.	1100.	1100.	0.	0.	**	**	**	**
34210	ACROLEIN TOTWUG/L	09/10/80-09/10/80	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
34213	ACROLEIN DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
34215	ACRYLONITRILE TOTWUG/L	09/10/80-09/10/80	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
34218	ACRYLONITRILE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
34220	ANTHRACENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34223	ANTHRACENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1	4800.	4800.	4800.	4800.	0.	0.	**	**	**	**
34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	1	4800.	4800.	4800.	4800.	0.	0.	**	**	**	**
34237	BENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	09/11/80-09/11/80	1	4800.	4800.	4800.	4800.	0.	0.	**	**	**	**
34247	BENZO-A-PYRENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1	4000.	4000.	4000.	4000.	0.	0.	**	**	**	**
34257	B-BHC-BETA DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34262	DELTA BENZENE HEXACHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34268	BIS (CHLOROMETHYL) ETHER TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34271	BIS (CHLOROMETHYL) ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34290	BROMOFORM DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34295	N-BUTYL BENZYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34299	CARBON TETRACHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34301	CHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34304	CHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34309	CHLORODIBROMOMETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34311	CHLOROETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34314	CHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34318	CHLOROFORM DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34320	CHRYSENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34323	CHRYSENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1	1500.	1500.	1500.	1500.	0.	0.	**	**	**	**
34330	DICHLOROBROMOMETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34334	DICHLORODIFLUOROMETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34336	DIETHYL PHTHALATE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34341	DIMETHYL PHTHALATE TOTWUG/L	09/10/80-09/10/80	1	446.	446.	446.	446.	0.	0.	**	**	**	**
34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34346	1,2-DIPHENYLHYDRAZINE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34349	1,2-DIPHENYLHYDRAZINE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34351	ENDOSULFAN SULFATE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34356	ENDOSULFAN, BETA TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34361	ENDOSULFAN, ALPHA TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34366	ENDRIN ALDEHYDE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34374	ETHYLBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34376	FLUORANTHENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34379	FLUORANTHENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1	7700.	7700.	7700.	7700.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0188

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34381	FLUORENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34384	FLUORENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34391	HEXACHLOROBUTADIENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34396	HEXACHLOROETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34408	ISOPHORONE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34411	ISOPHORONE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34413	METHYL BROMIDE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34416	METHYL BROMIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34418	METHYL CHLORIDE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34421	METHYL CHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	1	17.	17.	17.	17.	0.	0.	**	**	**	**
34423	METHYLENE CHLORIDE TOTWUG/L	09/10/80-09/10/80	1	15.	15.	15.	15.	0.	0.	**	**	**	**
34426	METHYLENE CHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	1	26.	26.	26.	26.	0.	0.	**	**	**	**
34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34433	N-NITROSODIPHENYLAMINE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34438	N-NITROSODIMETHYLAMINE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34441	N-NITROSODIMETHYLAMINE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34445	NAPHTHALENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34447	NITROBENZENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34450	NITROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34452	PARACHLOROMETA CRESOL TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34455	PARACHLOROMETA CRESOL DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34461	PHENANTHRENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34464	PHENANTHRENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1	4800.	4800.	4800.	4800.	0.	0.	**	**	**	**
34469	PYRENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34472	PYRENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1	6300.	6300.	6300.	6300.	0.	0.	**	**	**	**
34475	TETRACHLOROETHYLENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34478	TETRACHLOROETHYLENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34480	THALLIUM DRY WGTBOTMG/KG	09/11/80-09/11/80	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34483	TOLUENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1	24.	24.	24.	24.	0.	0.	**	**	**	**
34487	TRICHLOROETHYLENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34491	TRICHLOROFLUOROMETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34495	VINYL CHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34496	1,1-DICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34499	1,1-DICHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34501	1,1-DICHLOROETHYLENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34504	1,1-DICHLOROETHYLENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	1	115.	115.	115.	115.	0.	0.	**	**	**	**
34509	1,1,1-TRICHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34514	1,1,2-TRICHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34519	1,1,2,2-TETRACHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	09/11/80-09/11/80	1	1500.	1500.	1500.	1500.	0.	0.	**	**	**	**
34531	1,2-DICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34534	1,2-DICHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34536	1,2-DICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34541	1,2-DICHLOROPROPANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34544	1,2-DICHLOROPROPANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34549	TRANS-1,2-DICHLOROETHENE, IN SED. DRY WT. UG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0188

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34564	1,3-DICHLOROPROPENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34566	1,3-DICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34571	1,4-DICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34579	2-CHLOROETHYL VINYL ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34581	2-CHLORONAPHTHALENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34586	2-CHLOROPHENOL TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34589	2-CHLOROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34591	2-NITROPHENOL TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34594	2-NITROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34596	DI-N-OCTYL PHTHALATE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34601	2,4-DICHLOROPHENOL TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34604	2,4-DICHLOROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34606	2,4-DIMETHYLPHENOL TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34611	2,4-DINITROTOLUENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34614	2,4-DINITROTOLUENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34616	2,4-DINITROPHENOL TOTWUG/L	09/10/80-09/10/80	1 ##	125.	125.	125.	125.	0.	0.	**	**	**	**
34619	2,4-DINITROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34624	2,4,6-TRICHLOROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34626	2,6-DINITROTOLUENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34629	2,6-DINITROTOLUENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34634	3,3'-DICHLOROBENZIDINE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34639	4-BROMOPHENYL PHENYL ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34644	4-CHLOROPHENYL PHENYL ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34646	4-NITROPHENOL TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34649	4-NITROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	09/10/80-09/10/80	1 ##	125.	125.	125.	125.	0.	0.	**	**	**	**
34660	DNOC (4,6-DINITRO-ORTHO-CRESOL) DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34668	DICHLORODIFUOROMETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34671	PCB - 1016 TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34695	PHENOL(C6H5OH)-SINGLE COMPOUND DRY WGTTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34696	NAPHTHALENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	09/10/80-09/10/80	1	94.	94.	94.	94.	0.	0.	**	**	**	**
39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	09/11/80-09/11/80	1	3200.	3200.	3200.	3200.	0.	0.	**	**	**	**
39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39121	BENZIDINE IN BOTTOM DEPOS UG/KG DRY SOLIDS	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0188

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	09/10/80-09/10/80	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/11/80-09/11/80	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
77161	1,2-DICHLOROPROPENE WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0188

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	0 &	0	0.00												
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00720	CYANIDE, TOTAL	Fresh Acute	0.022	1	0	0.00	1	0	0.00									
		Drinking Water	0.2	1	0	0.00	1	0	0.00									
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	1	0	0.00	1	0	0.00									
		Drinking Water	4.	0 &	0	0.00												
01027	CADMIUM, TOTAL	Fresh Acute	3.9	0 &	0	0.00												
		Drinking Water	5.	0 &	0	0.00												
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	0 &	0	0.00												
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	0 &	0	0.00												
		Drinking Water	15.	0 &	0	0.00												
01059	THALLIUM, TOTAL	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	2.	0 &	0	0.00												

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0188

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01077	SILVER, TOTAL	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
01097	ANTIMONY, TOTAL	Fresh Acute	88.	0 &	0	0.00												
		Drinking Water	6.	0 &	0	0.00												
01147	SELENIUM, TOTAL	Fresh Acute	20.	0 &	0	0.00												
		Drinking Water	50.	1	0	0.00	1	0	0.00									
32101	BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32102	CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	0 &	0	0.00												
32104	BROMOFORM, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32105	DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32106	CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	1	0	0.00	1	0	0.00									
		Drinking Water	1000.	1	0	0.00	1	0	0.00									
34205	ACENAPHTHENE, TOTAL	Fresh Acute	1700.	1	0	0.00	1	0	0.00									
34210	ACROLEIN, TOTAL	Fresh Acute	68.	1	0	0.00	1	0	0.00									
34215	ACRYLONITRILE, TOTAL	Fresh Acute	7550.	1	0	0.00	1	0	0.00									
34301	CHLOROBENZENE, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
34346	1,2-DIPHENYLHYDRAZINE, TOTAL	Fresh Acute	270.	1	0	0.00	1	0	0.00									
34356	ENDOSULFAN, BETA, TOTAL	Fresh Acute	0.22	0 &	0	0.00												
34361	ENDOSULFAN, ALPHA, TOTAL	Fresh Acute	0.22	0 &	0	0.00												
34371	ETHYLBENZENE, TOTAL	Fresh Acute	32000.	1	0	0.00	1	0	0.00									
		Drinking Water	700.	1	0	0.00	1	0	0.00									
34376	FLUORANTHENE, TOTAL	Fresh Acute	3980.	1	0	0.00	1	0	0.00									
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL	Fresh Acute	7.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
34391	HEXACHLOROBUTADIENE, TOTAL	Fresh Acute	90.	1	0	0.00	1	0	0.00									
34396	HEXACHLOROETHANE, TOTAL	Fresh Acute	980.	1	0	0.00	1	0	0.00									
34403	INDENO (1,2,3-CD) PYRENE, TOTAL	Drinking Water	0.4	0 &	0	0.00												
34408	ISOPHORONE, TOTAL	Fresh Acute	117000.	1	0	0.00	1	0	0.00									
34423	METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	1	1	1.00	1	1	1.00									
34447	NITROBENZENE, TOTAL	Fresh Acute	27000.	1	0	0.00	1	0	0.00									
34452	PARACHLOROMETA CRESOL, TOTAL	Fresh Acute	30.	1	0	0.00	1	0	0.00									
34461	PHENANTHRENE, TOTAL	Fresh Acute	30.	1	0	0.00	1	0	0.00									
34475	TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	0 &	0	0.00												
34501	1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	1	0	0.00	1	0	0.00									
34506	1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	1	0	0.00	1	0	0.00									
34511	1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	0 &	0	0.00												
34531	1,2-DICHLOROETHANE, TOTAL	Fresh Acute	118000.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	0 &	0	0.00												
34536	1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00	1	0	0.00									
34541	1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	0 &	0	0.00												
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	1	0	0.00	1	0	0.00									
34551	1,2,4-TRICHLOROBENZENE, TOTAL	Drinking Water	70.	1	0	0.00	1	0	0.00									
34566	1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00	1	0	0.00									
34571	1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	1	0	0.00	1	0	0.00									
34586	2-CHLOROPHENOL, TOTAL	Fresh Acute	4380.	1	0	0.00	1	0	0.00									
34601	2,4-DICHLOROPHENOL, TOTAL	Fresh Acute	2020.	1	0	0.00	1	0	0.00									
34606	2,4-DIMETHYLPHENOL, TOTAL	Fresh Acute	2120.	1	0	0.00	1	0	0.00									
34611	2,4-DINITROTOLUENE, TOTAL	Fresh Acute	330.	1	0	0.00	1	0	0.00									
34694	PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	Fresh Acute	10200.	1	0	0.00	1	0	0.00									
34696	NAPHTHALENE, TOTAL	Fresh Acute	2300.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0188

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	1.	0 &	0	0.00												
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	Fresh Acute	2000.	1	0	0.00	1	0	0.00									
		Drinking Water	6.	1	1	1.00	1	1	1.00									
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	0 &	0	0.00												
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	0 &	0	0.00												
39300	P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	0 &	0	0.00												
39310	P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	0 &	0	0.00												
39320	P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	1	0	0.00	1	0	0.00									
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	0 &	0	0.00												
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	0 &	0	0.00												
		Drinking Water	0.2	0 &	0	0.00												
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	0 &	0	0.00												
		Drinking Water	2.	0 &	0	0.00												
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	0 &	0	0.00												
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	0 &	0	0.00												
		Drinking Water	2.	0 &	0	0.00												
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	0 &	0	0.00												
		Drinking Water	3.	0 &	0	0.00												
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	0 &	0	0.00												
		Drinking Water	0.4	0 &	0	0.00												
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	0 &	0	0.00												
		Drinking Water	0.2	0 &	0	0.00												
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	1	0	0.00	1	0	0.00									
		Drinking Water	1.	0 &	0	0.00												
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0189

NPS Station ID: CHCH0189
LAT/LON: 35.022781/ -85.303892
Agency: 131TVAC
Date Created: 10/04/80
Location: RAILROAD BRIDGE
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM/SOLIDS
STORET Station ID(s): 476286
RMI-Indexes: 1021500 007720 00920 6140
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 002.10
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: CHATTANOOGA CREEK 2.1
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 16.20
On/Off RF1:
RF3 Index: 06020001124402.18
RF3 Mile Point: 5.45
Distance from RF3: 0.09
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0189

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/10/80-09/10/80	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/10/80-09/10/80	1	27.5	27.5	27.5	27.5	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/10/80-09/10/80	1	380.	380.	380.	380.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/10/80-09/10/80	1	2.6	2.6	2.6	2.6	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/10/80-09/10/80	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/10/80-09/10/80	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/10/80-09/10/80	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/10/80-09/10/80	1	98.	98.	98.	98.	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	09/10/80-09/10/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	09/10/80-09/10/80	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	09/10/80-09/10/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	09/11/80-09/11/80	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	09/11/80-09/11/80	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/11/80-09/11/80	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/11/80-09/11/80	1	59.	59.	59.	59.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/10/80-09/10/80	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/10/80-09/10/80	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/11/80-09/11/80	1	28.6	28.6	28.6	28.6	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/10/80-09/10/80	1 ##	250.	250.	250.	250.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/11/80-09/11/80	1	106.	106.	106.	106.	0.	0.	**	**	**	**
01059	THALLIUM, TOTAL (UG/L AS TL)	09/10/80-09/10/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	09/10/80-09/10/80	1 ##	75.	75.	75.	75.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/11/80-09/11/80	1	21.	21.	21.	21.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	09/10/80-09/10/80	1 ##	30.	30.	30.	30.	0.	0.	**	**	**	**
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	09/11/80-09/11/80	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/10/80-09/10/80	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	09/11/80-09/11/80	1	154.	154.	154.	154.	0.	0.	**	**	**	**
01097	ANTIMONY, TOTAL (UG/L AS SB)	09/10/80-09/10/80	1 ##	250.	250.	250.	250.	0.	0.	**	**	**	**
01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	09/11/80-09/11/80	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	09/10/80-09/10/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	09/11/80-09/11/80	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
32104	BROMOFORM,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
32106	CHLOROFORM,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0189

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34200	ACENAPHTHYLENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1	890.	890.	890.	890.	0.	0.	**	**	**	**
34205	ACENAPHTHENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34208	ACENAPHTHENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1	760.	760.	760.	760.	0.	0.	**	**	**	**
34210	ACROLEIN TOTWUG/L	09/10/80-09/10/80	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
34213	ACROLEIN DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
34215	ACRYLONITRILE TOTWUG/L	09/10/80-09/10/80	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
34218	ACRYLONITRILE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
34220	ANTHRACENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34223	ANTHRACENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1	15000.	15000.	15000.	15000.	0.	0.	**	**	**	**
34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	1	8600.	8600.	8600.	8600.	0.	0.	**	**	**	**
34237	BENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	09/11/80-09/11/80	1	8600.	8600.	8600.	8600.	0.	0.	**	**	**	**
34247	BENZO-A-PYRENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1	5900.	5900.	5900.	5900.	0.	0.	**	**	**	**
34257	B-BHC-BETA DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34262	DELTA BENZENE HEXACHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34268	BIS (CHLOROMETHYL) ETHER TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34271	BIS (CHLOROMETHYL) ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34290	BROMOFORM DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34295	N-BUTYL BENZYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34299	CARBON TETRACHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34301	CHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34304	CHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34309	CHLORODIBROMOMETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34311	CHLOROETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34314	CHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34318	CHLOROFORM DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34320	CHRYSENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34323	CHRYSENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1	2300.	2300.	2300.	2300.	0.	0.	**	**	**	**
34330	DICHLOROBROMOMETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34334	DICHLORODIFLUOROMETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34336	DIETHYL PHTHALATE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34341	DIMETHYL PHTHALATE TOTWUG/L	09/10/80-09/10/80	1	32.	32.	32.	32.	0.	0.	**	**	**	**
34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34346	1,2-DIPHENYLHYDRAZINE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34349	1,2-DIPHENYLHYDRAZINE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34351	ENDOSULFAN SULFATE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34356	ENDOSULFAN, BETA TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34361	ENDOSULFAN, ALPHA TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34366	ENDRIN ALDEHYDE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34374	ETHYLBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34376	FLUORANTHENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34379	FLUORANTHENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1	11000.	11000.	11000.	11000.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0189

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34381	FLUORENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34384	FLUORENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1	4800.	4800.	4800.	4800.	0.	0.	**	**	**	**
34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34391	HEXACHLOROBUTADIENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34396	HEXACHLOROETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34408	ISOPHORONE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34411	ISOPHORONE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34413	METHYL BROMIDE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34416	METHYL BROMIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34418	METHYL CHLORIDE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34421	METHYL CHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34423	METHYLENE CHLORIDE TOTWUG/L	09/10/80-09/10/80	1	63.	63.	63.	63.	0.	0.	**	**	**	**
34426	METHYLENE CHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	1	35.	35.	35.	35.	0.	0.	**	**	**	**
34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34433	N-NITROSODIPHENYLAMINE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34438	N-NITROSODIMETHYLAMINE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34441	N-NITROSODIMETHYLAMINE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34445	NAPHTHALENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1	660.	660.	660.	660.	0.	0.	**	**	**	**
34447	NITROBENZENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34450	NITROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34452	PARACHLOROMETA CRESOL TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34455	PARACHLOROMETA CRESOL DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34461	PHENANTHRENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34464	PHENANTHRENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1	15000.	15000.	15000.	15000.	0.	0.	**	**	**	**
34469	PYRENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34472	PYRENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1	8300.	8300.	8300.	8300.	0.	0.	**	**	**	**
34475	TETRACHLOROETHYLENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34478	TETRACHLOROETHYLENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34480	THALLIUM DRY WGTBOTMG/KG	09/11/80-09/11/80	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34483	TOLUENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1	11.	11.	11.	11.	0.	0.	**	**	**	**
34487	TRICHLOROETHYLENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34491	TRICHLOROFLUOROMETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34495	VINYL CHLORIDE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34496	1,1-DICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34499	1,1-DICHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34501	1,1-DICHLOROETHYLENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34504	1,1-DICHLOROETHYLENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	1	18.	18.	18.	18.	0.	0.	**	**	**	**
34509	1,1,1-TRICHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34514	1,1,2-TRICHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34519	1,1,2,2-TETRACHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	09/11/80-09/11/80	1	1400.	1400.	1400.	1400.	0.	0.	**	**	**	**
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	09/11/80-09/11/80	1	2300.	2300.	2300.	2300.	0.	0.	**	**	**	**
34531	1,2-DICHLOROETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34534	1,2-DICHLOROETHANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34536	1,2-DICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34541	1,2-DICHLOROPROPANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34544	1,2-DICHLOROPROPANE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34549	TRANS-1,2-DICHLOROETHENE, IN SED. DRY WT. UG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0189

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34564	1,3-DICHLOROPROPENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34566	1,3-DICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34571	1,4-DICHLOROBENZENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34579	2-CHLOROETHYL VINYL ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34586	2-CHLOROPHENOL TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34589	2-CHLOROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34591	2-NITROPHENOL TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34594	2-NITROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34596	DI-N-OCTYL PHTHALATE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34601	2,4-DICHLOROPHENOL TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34604	2,4-DICHLOROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34606	2,4-DIMETHYLPHENOL TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34611	2,4-DINITROTOLUENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34614	2,4-DINITROTOLUENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34616	2,4-DINITROPHENOL TOTWUG/L	09/10/80-09/10/80	1 ##	125.	125.	125.	125.	0.	0.	**	**	**	**
34619	2,4-DINITROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34624	2,4,6-TRICHLOROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34626	2,6-DINITROTOLUENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34629	2,6-DINITROTOLUENE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34634	3,3'-DICHLOROBENZIDINE DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34639	4-BROMOPHENYL PHENYL ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34644	4-CHLOROPHENYL PHENYL ETHER DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34646	4-NITROPHENOL TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34649	4-NITROPHENOL DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	09/10/80-09/10/80	1 ##	125.	125.	125.	125.	0.	0.	**	**	**	**
34660	DNOC (4,6-DINITRO-ORTHO-CRESOL) DRY WGTBOTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34668	DICHLORODIFUOROMETHANE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34671	PCB - 1016 TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	09/10/80-09/10/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34695	PHENOL(C6H5OH)-SINGLE COMPOUND DRY WGTTUG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34696	NAPHTHALENE TOTWUG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39121	BENZIDINE IN BOTTOM DEPOS UG/KG DRY SOLIDS	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0189

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	09/11/80-09/11/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	09/10/80-09/10/80	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/11/80-09/11/80	1	2.3	2.3	2.3	2.3	0.	0.	**	**	**	**
77161	1,2-DICHLOROPROPENE WHOLE WATER,UG/L	09/10/80-09/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0189

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	1	1.00	1	1	1.00									
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00720	CYANIDE, TOTAL	Fresh Acute	0.022	1	0	0.00	1	0	0.00									
		Drinking Water	0.2	1	0	0.00	1	0	0.00									
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	1	0	0.00	1	0	0.00									
		Drinking Water	4.	0 &	0	0.00												
01027	CADMIUM, TOTAL	Fresh Acute	3.9	0 &	0	0.00												
		Drinking Water	5.	0 &	0	0.00												
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	0 &	0	0.00												
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	0 &	0	0.00												
		Drinking Water	15.	0 &	0	0.00												
01059	THALLIUM, TOTAL	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	2.	0 &	0	0.00												
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0189

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01077	SILVER, TOTAL	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
01097	ANTIMONY, TOTAL	Fresh Acute	88.	0 &	0	0.00												
		Drinking Water	6.	0 &	0	0.00												
01147	SELENIUM, TOTAL	Fresh Acute	20.	0 &	0	0.00												
		Drinking Water	50.	1	0	0.00	1	0	0.00									
32101	BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32102	CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	0 &	0	0.00												
32104	BROMOFORM, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32105	DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32106	CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	1	0	0.00	1	0	0.00									
		Drinking Water	1000.	1	0	0.00	1	0	0.00									
34205	ACENAPHTHENE, TOTAL	Fresh Acute	1700.	1	0	0.00	1	0	0.00									
34210	ACROLEIN, TOTAL	Fresh Acute	68.	1	0	0.00	1	0	0.00									
34215	ACRYLONITRILE, TOTAL	Fresh Acute	7550.	1	0	0.00	1	0	0.00									
34301	CHLOROBENZENE, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
34346	1,2-DIPHENYLHYDRAZINE, TOTAL	Fresh Acute	270.	1	0	0.00	1	0	0.00									
34356	ENDOSULFAN, BETA, TOTAL	Fresh Acute	0.22	0 &	0	0.00												
34361	ENDOSULFAN, ALPHA, TOTAL	Fresh Acute	0.22	0 &	0	0.00												
34371	ETHYLBENZENE, TOTAL	Fresh Acute	32000.	1	0	0.00	1	0	0.00									
		Drinking Water	700.	1	0	0.00	1	0	0.00									
34376	FLUORANTHENE, TOTAL	Fresh Acute	3980.	1	0	0.00	1	0	0.00									
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL	Fresh Acute	7.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
34391	HEXACHLOROBUTADIENE, TOTAL	Fresh Acute	90.	1	0	0.00	1	0	0.00									
34396	HEXACHLOROETHANE, TOTAL	Fresh Acute	980.	1	0	0.00	1	0	0.00									
34403	INDENO (1,2,3-CD) PYRENE, TOTAL	Drinking Water	0.4	0 &	0	0.00												
34408	ISOPHORONE, TOTAL	Fresh Acute	117000.	1	0	0.00	1	0	0.00									
34423	METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	1	1	1.00	1	1	1.00									
34447	NITROBENZENE, TOTAL	Fresh Acute	27000.	1	0	0.00	1	0	0.00									
34452	PARACHLOROMETA CRESOL, TOTAL	Fresh Acute	30.	1	0	0.00	1	0	0.00									
34461	PHENANTHRENE, TOTAL	Fresh Acute	30.	1	0	0.00	1	0	0.00									
34475	TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	0 &	0	0.00												
34501	1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	1	0	0.00	1	0	0.00									
34506	1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	1	0	0.00	1	0	0.00									
34511	1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	0 &	0	0.00												
34531	1,2-DICHLOROETHANE, TOTAL	Fresh Acute	118000.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	0 &	0	0.00												
34536	1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00	1	0	0.00									
34541	1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	0 &	0	0.00												
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	1	0	0.00	1	0	0.00									
34551	1,2,4-TRICHLOROBENZENE, TOTAL	Drinking Water	70.	1	0	0.00	1	0	0.00									
34566	1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00	1	0	0.00									
34571	1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	1	0	0.00	1	0	0.00									
34586	2-CHLOROPHENOL, TOTAL	Fresh Acute	4380.	1	0	0.00	1	0	0.00									
34601	2,4-DICHLOROPHENOL, TOTAL	Fresh Acute	2020.	1	0	0.00	1	0	0.00									
34606	2,4-DIMETHYLPHENOL, TOTAL	Fresh Acute	2120.	1	0	0.00	1	0	0.00									
34611	2,4-DINITROTOLUENE, TOTAL	Fresh Acute	330.	1	0	0.00	1	0	0.00									
34694	PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	Fresh Acute	10200.	1	0	0.00	1	0	0.00									
34696	NAPHTHALENE, TOTAL	Fresh Acute	2300.	1	0	0.00	1	0	0.00									
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	1.	0 &	0	0.00												

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0189

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	Fresh Acute	2000.	1	0	0.00	1	0	0.00									
		Drinking Water	6.	1	0	0.00	1	0	0.00									
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	0 &	0	0.00												
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	0 &	0	0.00												
39300	P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	0 &	0	0.00												
39310	P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	0 &	0	0.00												
39320	P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	1	0	0.00	1	0	0.00									
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	0 &	0	0.00												
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	0 &	0	0.00												
		Drinking Water	0.2	0 &	0	0.00												
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	0 &	0	0.00												
		Drinking Water	2.	0 &	0	0.00												
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	0 &	0	0.00												
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	0 &	0	0.00												
		Drinking Water	2.	0 &	0	0.00												
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	0 &	0	0.00												
		Drinking Water	3.	0 &	0	0.00												
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	0 &	0	0.00												
		Drinking Water	0.4	0 &	0	0.00												
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	0 &	0	0.00												
		Drinking Water	0.2	0 &	0	0.00												
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	1	0	0.00	1	0	0.00									
		Drinking Water	1.	0 &	0	0.00												
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0190

NPS Station ID: CHCH0190
LAT/LON: 35.022781/ -85.328060
Agency: 131TVAC
Date Created: / /
Location: NICKAJACK RESERVOIR
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475342 /0984
RMI-Indexes: 1021500 007720 00920
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 461.00
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER 461.0
ECO Region:
RF1 Index: 06020001003
RF1 Mile Point: 0.290
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 06020001000600.00
RF3 Mile Point: 0.00
Distance from RF3: 0.07
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0190

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/07/67-12/20/73	81	5.	5.296	20.	0.	23.786	4.877	1.	1.	10.	12.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/07/67-12/20/73	70	14.4	15.277	25.2	8.	20.786	4.559	8.2	13.9	15.6	23.69
00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/07/67-09/07/67	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/07/67-09/07/67	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	09/07/67-09/07/67	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/07/67-11/07/73	3	180.	200.	240.	180.	1200.	34.641	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/07/67-12/20/73	69	8.4	8.322	10.8	5.3	1.999	1.414	6.	7.8	9.	10.1
00310	BOD, 5 DAY, 20 DEG C MG/L	09/07/67-09/07/67	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	09/07/67-09/07/67	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/07/67-12/20/73	49	7.	6.922	7.8	6.1	0.226	0.475	6.2	6.55	7.25	7.6
00400	CONVERTED PH (STANDARD UNITS)	09/07/67-12/20/73	49	7.	6.672	7.8	6.1	0.29	0.538	6.2	6.55	7.25	7.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/07/67-12/20/73	49	0.1	0.213	0.794	0.016	0.058	0.24	0.025	0.057	0.284	0.631
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/07/67-12/20/73	50	49.	48.56	62.	31.	80.986	8.999	35.	43.75	57.	59.9
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	09/07/67-12/20/73	50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00500	RESIDUE, TOTAL (MG/L)	09/07/67-09/07/67	1	100.	100.	100.	100.	0.	0.	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/07/67-09/07/67	1	60.	60.	60.	60.	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/07/67-09/07/67	1	0.17	0.17	0.17	0.17	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/07/67-09/07/67	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/07/67-09/07/67	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/07/67-09/07/67	1	0.31	0.31	0.31	0.31	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/07/67-09/07/67	1	0.052	0.052	0.052	0.052	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/07/67-09/07/67	1	0.026	0.026	0.026	0.026	0.	0.	**	**	**	**
00722	CYANIDE, FREE (AMENABLE TO CHLORINATION) MG/L	09/07/67-09/07/67	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	09/07/67-09/07/67	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	09/07/67-09/07/67	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	09/07/67-09/07/67	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	09/07/67-09/07/67	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/07/67-09/07/67	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/07/67-09/07/67	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	09/07/67-09/07/67	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	09/07/67-09/07/67	1	5.3	5.3	5.3	5.3	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/07/67-09/07/67	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/07/67-09/07/67	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/07/67-09/07/67	1	340.	340.	340.	340.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/07/67-09/07/67	1	50.	50.	50.	50.	0.	0.	**	**	**	**
01047	IRON, FERROUS (UG/L AS FE)	09/07/67-09/07/67	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	09/07/67-09/07/67	1	180.	180.	180.	180.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/07/67-09/07/67	1	20.	20.	20.	20.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0190

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01092	ZINC, TOTAL (UG/L AS ZN)	09/07/67-09/07/67	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01501	ALPHA, TOTAL	09/07/67-09/07/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01502	ALPHA, TOTAL, COUNTING ERROR	09/07/67-09/07/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01503	ALPHA, DISSOLVED	09/07/67-09/07/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01504	ALPHA, DISSOLVED, COUNTING ERROR	09/07/67-09/07/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01505	ALPHA, SUSPENDED	09/07/67-09/07/67	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01506	ALPHA, SUSPENDED, COUNTING ERROR	09/07/67-09/07/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
03501	BETA, TOTAL	09/07/67-09/07/67	1	3.	3.	3.	3.	0.	0.	**	**	**	**
03502	BETA, TOTAL, COUNTING ERROR	09/07/67-09/07/67	1	1.	1.	1.	1.	0.	0.	**	**	**	**
03503	BETA, DISSOLVED	09/07/67-09/07/67	1	3.	3.	3.	3.	0.	0.	**	**	**	**
03504	BETA, DISSOLVED, COUNTING ERROR	09/07/67-09/07/67	1	1.	1.	1.	1.	0.	0.	**	**	**	**
03505	BETA, SUSPENDED	09/07/67-09/07/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
03506	BETA, SUSPENDED, COUNTING ERROR	09/07/67-09/07/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/23/73-12/20/73	55	260.	1339.364	17000.	5.	10559444.495	3249.53	36.	80.	960.	3676.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/23/73-12/20/73	55	2.415	2.444	4.23	0.699	0.609	0.78	1.552	1.903	2.982	3.541
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			277.896								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/07/67-09/07/67	3	340.	80190.	240000.	230.	19154430100.	138399.531	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/07/67-09/07/67	3	2.531	3.424	5.38	2.362	2.876	1.696	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			2657.496								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/07/67-09/07/67	3	36.	7353.	22000.	23.	160900999.	12684.676	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/07/67-09/07/67	3	1.556	2.42	4.342	1.362	2.781	1.668	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			263.118								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/23/73-12/20/73	55	30.	234.727	2800.	5.	283492.98	532.441	5.	5.	190.	854.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/23/73-12/20/73	55	1.477	1.596	3.447	0.699	0.683	0.826	0.699	0.699	2.279	2.879
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			39.441								
46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	09/07/67-09/07/67	1	63.	63.	63.	63.	0.	0.	**	**	**	**
70001	COMPOSITE LOCATION IN A CROSS SECTION	09/07/67-09/07/67	2	1072.	1072.	1122.	1022.	5000.	70.711	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0190

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	69	0	0.00	14	0	0.00	55	0	0.00						
00400	PH	Fresh Chronic	9.	49	0	0.00	11	0	0.00	38	0	0.00						
		Other-Lo Lim.	6.5	49	12	0.24	11	0	0.00	38	12	0.32						
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00722	CYANIDE, FREE (AMENABLE TO CHLORINATION)	Fresh Acute	0.022	1	0	0.00	1	0	0.00									
		Drinking Water	0.2	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	55	13	0.24	10	5	0.50	45	8	0.18						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	3	1	0.33	3	1	0.33									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	3	1	0.33	3	1	0.33									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	55	12	0.22	10	1	0.10	45	11	0.24						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0191

NPS Station ID: CHCH0191
LAT/LON: 35.022781/ -85.450559
Agency: 131TVAC
Date Created: / /
Location: NICKAJACK RESERVOIR
FIPS State/County: 47115 TENNESSEE/MARION
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475372 /0945
RMI-Indexes: 1021500 007720 00920
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 440.50
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER 440.5
ECO Region:
RF1 Index: 06020001001
RF1 Mile Point: 22.670
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 06020001000103.71
RF3 Mile Point: 3.71
Distance from RF3: 0.08
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0191

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/07/67-09/07/67	2	15.5	15.5	30.	1.	420.5	20.506	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/07/67-09/07/67	2	22.25	22.25	22.5	22.	0.125	0.354	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/07/67-09/07/67	2	27.5	27.5	40.	15.	312.5	17.678	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/07/67-09/07/67	2	20.	20.	20.	20.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	09/07/67-09/07/67	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/07/67-09/07/67	2	240.	240.	240.	240.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/07/67-09/07/67	2	6.95	6.95	7.	6.9	0.005	0.071	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/07/67-09/07/67	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	09/07/67-09/07/67	2	14.5	14.5	15.	14.	0.5	0.707	**	**	**	**
00400	PH (STANDARD UNITS)	09/07/67-09/07/67	2	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/07/67-09/07/67	2	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/07/67-09/07/67	2	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/07/67-09/07/67	2	50.5	50.5	51.	50.	0.5	0.707	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	09/07/67-09/07/67	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	09/07/67-09/07/67	2	120.	120.	130.	110.	200.	14.142	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/07/67-09/07/67	2	70.	70.	80.	60.	200.	14.142	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/07/67-09/07/67	2	0.63	0.63	0.68	0.58	0.005	0.071	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/07/67-09/07/67	2	0.105	0.105	0.11	0.1	0.	0.007	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/07/67-09/07/67	2	0.015	0.015	0.02	0.01	0.	0.007	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/07/67-09/07/67	2	0.32	0.32	0.33	0.31	0.	0.014	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/07/67-09/07/67	2	0.06	0.06	0.068	0.052	0.	0.011	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/07/67-09/07/67	2	0.039	0.039	0.039	0.039	0.	0.	**	**	**	**
00722	CYANIDE, FREE (AMENABLE TO CHLORINATION) MG/L	09/07/67-09/07/67	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	09/07/67-09/07/67	2	18.	18.	19.	17.	2.	1.414	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	09/07/67-09/07/67	2	5.	5.	5.	5.	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	09/07/67-09/07/67	2	7.9	7.9	8.	7.8	0.02	0.141	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	09/07/67-09/07/67	2	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/07/67-09/07/67	2	16.	16.	16.	16.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/07/67-09/07/67	2	15.5	15.5	16.	15.	0.5	0.707	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	09/07/67-09/07/67	2	0.115	0.115	0.19	0.04	0.011	0.106	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	09/07/67-09/07/67	2	5.35	5.35	5.8	4.9	0.405	0.636	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/07/67-09/07/67	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/07/67-09/07/67	2 ##	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/07/67-09/07/67	2	500.	500.	610.	390.	24200.	155.563	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/07/67-09/07/67	2	70.	70.	70.	70.	0.	0.	**	**	**	**
01047	IRON, FERROUS (UG/L AS FE)	09/07/67-09/07/67	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	09/07/67-09/07/67	2	65.	65.	80.	50.	450.	21.213	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/07/67-09/07/67	2	25.	25.	30.	20.	50.	7.071	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0191

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01092	ZINC, TOTAL (UG/L AS ZN)	09/07/67-09/07/67	2 ##	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
01501	ALPHA, TOTAL	09/07/67-09/07/67	2	0.	0.	0.	0.	0.	0.	**	**	**	**
01502	ALPHA, TOTAL, COUNTING ERROR	09/07/67-09/07/67	2	0.	0.	0.	0.	0.	0.	**	**	**	**
01503	ALPHA, DISSOLVED	09/07/67-09/07/67	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01504	ALPHA, DISSOLVED, COUNTING ERROR	09/07/67-09/07/67	2	0.	0.	0.	0.	0.	0.	**	**	**	**
01505	ALPHA, SUSPENDED	09/07/67-09/07/67	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01506	ALPHA, SUSPENDED, COUNTING ERROR	09/07/67-09/07/67	2	0.	0.	0.	0.	0.	0.	**	**	**	**
03501	BETA, TOTAL	09/07/67-09/07/67	2	3.	3.	3.	3.	0.	0.	**	**	**	**
03502	BETA, TOTAL, COUNTING ERROR	09/07/67-09/07/67	2	1.	1.	1.	1.	0.	0.	**	**	**	**
03503	BETA, DISSOLVED	09/07/67-09/07/67	2	3.	3.	3.	3.	0.	0.	**	**	**	**
03504	BETA, DISSOLVED, COUNTING ERROR	09/07/67-09/07/67	2	1.	1.	1.	1.	0.	0.	**	**	**	**
03505	BETA, SUSPENDED	09/07/67-09/07/67	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
03506	BETA, SUSPENDED, COUNTING ERROR	09/07/67-09/07/67	2	0.	0.	0.	0.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/07/67-09/07/67	1	39000.	39000.	39000.	39000.	0.	0.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/07/67-09/07/67	1	4.591	4.591	4.591	4.591	0.	0.	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			39000.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/07/67-09/07/67	1	6200.	6200.	6200.	6200.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/07/67-09/07/67	1	3.792	3.792	3.792	3.792	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6200.								
46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	09/07/67-09/07/67	2	65.5	65.5	68.	63.	12.5	3.536	**	**	**	**
70001	COMPOSITE LOCATION IN A CROSS SECTION	09/07/67-09/07/67	1	1122.	1122.	1122.	1122.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0191

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00	2	0	0.00									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	2	0	0.00									
00400	PH	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	2	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	2	0	0.00									
00722	CYANIDE, FREE (AMENABLE TO CHLORINATION)	Fresh Acute	0.022	1	0	0.00	1	0	0.00									
		Drinking Water	0.2	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00									
		Drinking Water	250.	2	0	0.00	2	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00	2	0	0.00									
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	2	0	0.00	2	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	2	0	0.00	2	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	2	0	0.00	2	0	0.00									
		Drinking Water	1300.	2	0	0.00	2	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	2	0	0.00	2	0	0.00									
		Drinking Water	5000.	2	0	0.00	2	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	1	1	1.00	1	1	1.00									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	1	1	1.00	1	1	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0192

NPS Station ID: CHCH0192
LAT/LON: 35.023059/ -85.302226
Agency: 1113S000
Date Created: / /
Location: DOBBS BR AT CENTRAL OF GA RR BRD
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 470208 /TR-DB-0.1
RMI-Indexes: 1021500 007720 00920 6140 0050
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 003.10 000.10
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 13.10
On/Off RF1:
RF3 Index: 06020001124400.28
RF3 Mile Point: 1.67
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0192

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/27/73-03/07/73	7	1.	1.	1.	1.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/27/73-03/07/73	7	15.	14.571	17.5	12.	3.702	1.924	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/27/73-03/07/73	7	100.	998.286	6340.	28.	5555368.905	2356.983	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/27/73-03/07/73	7	620.	611.429	940.	310.	33722.619	183.637	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	02/27/73-03/07/73	6	4.4	4.25	5.9	2.	1.579	1.257	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	02/27/73-03/07/73	7	52.	99.143	370.	25.	14951.143	122.275	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	02/27/73-03/02/73	2	1594.	1594.	3080.	108.	4416392.	2101.521	**	**	**	**
00400	PH (STANDARD UNITS)	02/27/73-03/07/73	7	7.1	7.136	7.9	6.8	0.162	0.403	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/27/73-03/07/73	7	7.1	7.016	7.9	6.8	0.179	0.423	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/27/73-03/07/73	7	0.079	0.096	0.158	0.013	0.004	0.061	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	02/27/73-03/07/73	7	7.4	7.429	7.9	7.	0.106	0.325	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	02/27/73-03/07/73	7	7.4	7.331	7.9	7.	0.117	0.342	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/27/73-03/07/73	7	0.04	0.047	0.1	0.013	0.001	0.032	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/27/73-03/07/73	7	202.	182.714	226.	104.	1676.238	40.942	**	**	**	**
00435	ACIDITY, TOTAL (MG/L AS CACO3)	02/27/73-03/07/73	7	10.	15.571	40.	3.	187.286	13.685	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	02/27/73-03/07/73	7	508.	835.143	3213.	185.	1125972.81	1061.119	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	02/27/73-03/07/73	7	67.	285.	1624.	38.	348925.667	590.699	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	02/27/73-03/07/73	7	430.	512.857	1323.	142.	153802.81	392.177	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/27/73-03/07/73	7	50.	322.286	1890.	43.	478666.905	691.858	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/27/73-03/07/73	7	26.	163.	1000.	12.	136314.333	369.208	**	**	**	**
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	03/07/73-03/07/73	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/27/73-03/07/73	7	2.	1.861	3.1	0.78	0.676	0.822	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/27/73-03/07/73	7	3.07	3.131	5.	1.1	1.619	1.273	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/27/73-03/07/73	7	0.65	0.693	0.9	0.52	0.015	0.124	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/27/73-03/07/73	7	0.31	1.047	4.4	0.23	2.383	1.544	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/27/73-03/07/73	7	26.	76.571	370.	16.	16848.619	129.802	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/27/73-03/07/73	7	790000.	1441428.571	5400000.	280000.	**********	1815098.056	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/27/73-03/07/73	7	5.898	5.937	6.732	5.447	0.201	0.449	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			864606.795								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/27/73-03/07/73	7	33000.	207842.857	1300000.	4900.232	129572857.143	481798.27	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/27/73-03/07/73	7	4.519	4.568	6.114	3.69	0.578	0.761	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			36991.111								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	02/27/73-03/07/73	6	34.5	44.667	100.	17.	988.667	31.443	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0192

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	7	4	0.57				2	2	1.00	5	2	0.40			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	6	1	0.17				2	0	0.00	4	1	0.25			
00400	PH	Fresh Chronic	9.	7	0	0.00				2	0	0.00	5	0	0.00			
		Other-Lo Lim.	6.5	7	0	0.00				2	0	0.00	5	0	0.00			
00403	PH, LAB	Fresh Chronic	9.	7	0	0.00				2	0	0.00	5	0	0.00			
		Other-Lo Lim.	6.5	7	0	0.00				2	0	0.00	5	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	7	0	0.00				2	0	0.00	5	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	7	7	1.00				2	2	1.00	5	5	1.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	7	7	1.00				2	2	1.00	5	5	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0193

NPS Station ID: CHCH0193
LAT/LON: 35.023059/ -85.302226
Agency: 21TNWQ
Date Created: 10/01/83
Location: DOBBS BRANCH 0.04 QUAD 105SE
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM/SOLIDS
STORET Station ID(s): CHATTCRIS23
RMI-Indexes: 1021500 007720 00920 6140 0050
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 002.09 000.04
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 13.20
On/Off RF1:
RF3 Index: 06020001124402.18
RF3 Mile Point: 2.28
Distance from RF3: 0.02
On/Off RF3:
Description:
TENN DIVISION OF WATER MANAGEMENT LIBRARY FILE INDEX NO. BG0.12

Parameter Inventory for Station: CHCH0193

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/16/81-11/16/81	1	18.	18.	18.	18.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11/16/81-11/16/81	1	21.	21.	21.	21.	0.	0.	**	**	**	**
01054	MANGANESE, SUSPENDED (UG/L AS MN)	11/16/81-11/16/81	1	60.	60.	60.	60.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/16/81-11/16/81	1	30.	30.	30.	30.	0.	0.	**	**	**	**
34208	ACENAPHTHENE DRY WGTBOTUG/KG	11/16/81-11/16/81	1	6100.	6100.	6100.	6100.	0.	0.	**	**	**	**
34223	ANTHRACENE DRY WGTBOTUG/KG	11/16/81-11/16/81	1	61000.	61000.	61000.	61000.	0.	0.	**	**	**	**
34379	FLUORANTHENE DRY WGTBOTUG/KG	11/16/81-11/16/81	1	48000.	48000.	48000.	48000.	0.	0.	**	**	**	**
34384	FLUORENE DRY WGTBOTUG/KG	11/16/81-11/16/81	1	75000.	75000.	75000.	75000.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: CHCH0194

NPS Station ID: CHCH0194
LAT/LON: 35.023059/ -85.304448
Agency: 1113S000
Date Created: / /
Location: CHATT CK @ S. RR SHIPPS YARD BR.
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 470206 /TR-C-2.1
RMI-Indexes: 1021500 007720 00920 6140
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 002.10
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 9.30
On/Off RF1:
RF3 Index: 06020001124400.28
RF3 Mile Point: 1.45
Distance from RF3: 0.12
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0194

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/27/73-03/07/73	7	1.	1.	1.	1.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/27/73-03/07/73	7	12.	12.643	16.	10.	6.143	2.478	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/27/73-03/07/73	7	18.	32.857	110.	10.	1227.476	35.035	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/27/73-03/07/73	7	300.	291.143	430.	175.	8297.476	91.09	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	02/27/73-03/07/73	7	6.8	6.929	7.8	6.5	0.192	0.439	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	02/27/73-03/07/73	7	6.1	6.357	11.	3.6	6.13	2.476	**	**	**	**
00400	PH (STANDARD UNITS)	02/27/73-03/07/73	7	7.1	7.107	7.35	6.9	0.025	0.157	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/27/73-03/07/73	7	7.1	7.084	7.35	6.9	0.025	0.159	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/27/73-03/07/73	7	0.079	0.082	0.126	0.045	0.001	0.028	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	02/27/73-03/07/73	7	7.4	7.357	7.5	7.	0.036	0.19	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	02/27/73-03/07/73	7	7.4	7.317	7.5	7.	0.038	0.195	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/27/73-03/07/73	7	0.04	0.048	0.1	0.032	0.001	0.025	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/27/73-03/07/73	7	72.	80.714	157.	59.	1187.571	34.461	**	**	**	**
00435	ACIDITY, TOTAL (MG/L AS CACO3)	02/27/73-03/07/73	7	3.	4.714	13.	2.	14.238	3.773	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/27/73-03/07/73	7	2.51	2.74	5.3	1.57	1.567	1.252	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/27/73-03/07/73	7	2.97	3.134	6.1	1.32	2.41	1.552	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/27/73-03/07/73	7	0.32	0.304	0.33	0.25	0.001	0.029	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/27/73-03/07/73	7	0.13	0.139	0.22	0.08	0.002	0.043	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/27/73-03/07/73	7	5.	6.	10.	4.	6.	2.449	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/27/73-03/07/73	7	23000.	43142.857	130000.	11000.	1998142857.143	44700.591	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/27/73-03/07/73	7	4.362	4.465	5.114	4.041	0.157	0.396	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			29146.357								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/27/73-03/07/73	7	2300.	2985.714	7900.	100.	6731428.571	2594.5	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/27/73-03/07/73	7	3.362	3.253	3.898	2.	0.367	0.606	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1791.299								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	02/28/73-03/05/73	2	16.5	16.5	20.	13.	24.5	4.95	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0194

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	7	1	0.14				2	0	0.00	5	1	0.20			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	7	0	0.00				2	0	0.00	5	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0194

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	7	0	0.00				2	0	0.00	5	0	0.00			
		Other-Lo Lim.	6.5	7	0	0.00				2	0	0.00	5	0	0.00			
00403	PH, LAB	Fresh Chronic	9.	7	0	0.00				2	0	0.00	5	0	0.00			
		Other-Lo Lim.	6.5	7	0	0.00				2	0	0.00	5	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	7	0	0.00				2	0	0.00	5	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	7	7	1.00				2	2	1.00	5	5	1.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	7	6	0.86				2	2	1.00	5	4	0.80			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0195

NPS Station ID: CHCH0195
Location: BROAD STREET BRIDGE
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes: 1021500 007720 00920 6140
RMI-Miles: 0953.80 0046.50 460.60 001.20
HUC: 06020001
Major Basin: TENNESSEE RIVER BASIN
Minor Basin: CHATTANOOGA CREEK 1.2
RF1 Index: 06020001
RF3 Index: 06020001124700.00
Description:

LAT/LON: 35.023059/ -85.319448

Depth of Water: 0
Elevation: 0

RF1 Mile Point: 0.000
RF3 Mile Point: 0.00

Agency: 131TVAC
FIPS State/County: 47065 TENNESSEE/HAMILTON
STORET Station ID(s): 475381 /2567
Within Park Boundary: No

Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 22.80
Distance from RF3: 0.04

Date Created: / /

On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: CHCH0195

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/07/67-10/11/67	2	0.5	0.5	1.	0.	0.5	0.707	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/07/67-10/11/67	2	19.9	19.9	22.8	17.	16.82	4.101	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/07/67-10/11/67	2 ##	16.25	16.25	30.	2.5	378.125	19.445	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	09/07/67-10/11/67	2 ##	1.25	1.25	2.	0.5	1.125	1.061	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/07/67-10/11/67	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00304	BOD, 2 DAY, 20 DEG C MG/L	09/07/67-10/11/67	2	27.5	27.5	33.	22.	60.5	7.778	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/07/67-10/11/67	2	60.	60.	80.	40.	800.	28.284	**	**	**	**
00400	PH (STANDARD UNITS)	09/07/67-09/07/67	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/07/67-09/07/67	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/07/67-09/07/67	1	0.079	0.079	0.079	0.079	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	09/07/67-10/11/67	2	275.	275.	330.	220.	6050.	77.782	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/07/67-10/11/67	2	255.	255.	300.	210.	4050.	63.64	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/07/67-09/07/67	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/07/67-09/07/67	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/07/67-09/07/67	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/07/67-09/07/67	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/11/67-10/11/67	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/07/67-10/11/67	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/07/67-10/11/67	2	3530000.	3530000.	7000000.	60000.	**********	4907321.061	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/07/67-10/11/67	2	5.812	5.812	6.845	4.778	2.136	1.462	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			648074.07								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/07/67-10/11/67	2	80000.	80000.	100000.	60000.	800000000.	28284.271	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/07/67-10/11/67	2	4.889	4.889	5.	4.778	0.025	0.157	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			77459.667								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0195

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	0 &	0	0.00												
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0195

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	2	0	0.00	2	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	2	1.00	2	2	1.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	2	2	1.00	2	2	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0196

NPS Station ID: CHCH0196
LAT/LON: 35.023059/ -85.319448
Agency: 1113S000
Date Created: / /
Location: CHATT CK AT BROAD STREET BRIDGE
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 470202 /TR-C-1.2
RMI-Indexes: 1021500 007720 00920 6140
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 001.20
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001006
RF1 Mile Point: 0.100
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 06020001124400.28
RF3 Mile Point: 0.54
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0196

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/27/73-03/07/73	7	1.	1.	1.	1.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/27/73-03/07/73	7	11.5	11.929	14.	10.	4.036	2.009	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	02/27/73-03/07/73	6	80.5	149.167	370.	67.	15459.767	124.337	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/27/73-03/07/73	7	23.	45.429	145.	14.	2262.952	47.57	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/27/73-03/07/73	7	265.	265.	330.	190.	3891.667	62.383	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	02/27/73-03/07/73	7	6.7	6.557	7.5	5.6	0.366	0.605	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	02/27/73-03/07/73	7	5.4	9.557	35.	3.2	127.45	11.289	**	**	**	**
00400	PH (STANDARD UNITS)	02/27/73-03/07/73	7	7.1	7.121	7.25	6.9	0.013	0.115	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/27/73-03/07/73	7	7.1	7.107	7.25	6.9	0.013	0.116	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/27/73-03/07/73	7	0.079	0.078	0.126	0.056	0.001	0.023	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	02/27/73-03/07/73	7	7.5	7.429	7.6	7.2	0.029	0.17	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	02/27/73-03/07/73	7	7.5	7.399	7.6	7.2	0.03	0.173	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/27/73-03/07/73	7	0.032	0.04	0.063	0.025	0.	0.017	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/27/73-03/07/73	7	71.	70.429	87.	55.	116.619	10.799	**	**	**	**
00435	ACIDITY, TOTAL (MG/L AS CACO3)	02/27/73-03/07/73	7	3.	2.857	5.	2.	1.143	1.069	**	**	**	**
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	02/28/73-03/07/73	3 ##	2.5	3.333	5.	2.5	2.083	1.443	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/27/73-03/07/73	7	1.46	1.834	3.5	0.46	1.033	1.016	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/27/73-03/07/73	7	1.7	2.123	3.72	0.7	1.443	1.201	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/27/73-03/07/73	7	0.31	0.359	0.65	0.26	0.018	0.133	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/27/73-03/07/73	7	0.15	0.187	0.48	0.07	0.02	0.141	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/27/73-03/07/73	7	4.	8.286	30.	4.	92.905	9.639	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/27/73-03/07/73	7	130000.	213571.429	920000.	23000.100	971619047.619	317760.317	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/27/73-03/07/73	7	5.114	5.016	5.964	4.362	0.297	0.545	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			103652.787								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/27/73-03/07/73	7	7900.	140014.286	920000.	1700.118	41757	1428.572	344118.543	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/27/73-03/07/73	7	3.898	4.061	5.964	3.23	0.926	0.962	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11513.576								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0196

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	7	2	0.29				2	0	0.00	5	2	0.40			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0196

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	7	0	0.00				2	0	0.00	5	0	0.00			
00400	PH	Fresh Chronic	9.	7	0	0.00				2	0	0.00	5	0	0.00			
		Other-Lo Lim.	6.5	7	0	0.00				2	0	0.00	5	0	0.00			
00403	PH, LAB	Fresh Chronic	9.	7	0	0.00				2	0	0.00	5	0	0.00			
		Other-Lo Lim.	6.5	7	0	0.00				2	0	0.00	5	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	7	0	0.00				2	0	0.00	5	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	7	7	1.00				2	2	1.00	5	5	1.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	7	7	1.00				2	2	1.00	5	5	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0197

NPS Station ID: CHCH0197
Location: CHATTANOOGA CREEK
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes: 1021500 007720 00920 6140
RMI-Miles: 0953.80 0046.50 460.60 001.30
HUC: 06020001
Major Basin: TENNESSEE RIVER
Minor Basin: TENNESSEE RIVER
RF1 Index: 06020001006
RF3 Index: 06020001124400.28
Description:
BRIDGE ON BROAD STREET

LAT/LON: 35.023059/ -85.319726

Depth of Water: 0
Elevation: 0

RF1 Mile Point: 0.000
RF3 Mile Point: 1.45

Agency: 21TNWQ
FIPS State/County: 47065 TENNESSEE/HAMILTON
STORET Station ID(s): 000580 /330580 /230580
Within Park Boundary: No

Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.13

Date Created: / /

On/Off RF1: ON
On/Off RF3:

Parameter Inventory for Station: CHCH0197

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/64-06/10/64	6	24.	23.667	25.	21.	2.267	1.506	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/02/64-06/10/64	6	28.5	30.667	50.	19.	147.467	12.144	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	06/02/64-06/04/64	4	127.	128.5	160.	100.	603.	24.556	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	06/02/64-06/10/64	6	184.5	204.5	374.	104.	8492.7	92.156	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/02/64-06/10/64	6	0.	0.133	0.6	0.	0.059	0.242	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	06/02/64-06/10/64	6	9.8	11.233	17.	7.8	14.775	3.844	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/02/64-06/10/64	6	7.2	7.217	7.4	7.1	0.014	0.117	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/02/64-06/10/64	6	7.2	7.204	7.4	7.1	0.014	0.118	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/02/64-06/10/64	6	0.063	0.062	0.079	0.04	0.	0.016	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/02/64-06/10/64	6	104.	106.	130.	86.	243.2	15.595	**	**	**	**
00437	ACIDITY, CO2 (PHENOLPHTHALEIN) (MG/L AS CACO3)	06/02/64-06/10/64	6	6.	6.667	11.	4.	5.467	2.338	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/02/64-06/10/64	6	35.5	64.833	178.	20.	3967.367	62.987	**	**	**	**
00545	RESIDUE, SETTLEABLE (ML/L)	06/02/64-06/09/64	5	0.1	0.225	0.8	0.025	0.104	0.323	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/02/64-06/10/64	6	33.5	35.	49.	26.	61.2	7.823	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0197

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	6	1	0.17	6	1	0.17									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	6	6	1.00	6	6	1.00									
00403	PH, LAB	Fresh Chronic	9.	6	0	0.00	6	0	0.00									
		Other-Lo Lim.	6.5	6	0	0.00	6	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	6	0	0.00	6	0	0.00									
		Drinking Water	250.	6	0	0.00	6	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0198

NPS Station ID: CHCH0198
LAT/LON: 35.023059/ -85.321670
Agency: 1113S000
Date Created: / /
Location: CHATT CK-WHELAND FOUNDRY DIS. #1
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM
STORET Station ID(s): 470252 /TR-WF-1
RMI-Indexes: 1021500 007720 00920 6140
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 001.05
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001006
RF1 Mile Point: 0.100
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 06020001000600.90
RF3 Mile Point: 5.35
Distance from RF3: 0.74
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0198

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: CHCH0199

NPS Station ID: CHCH0199
LAT/LON: 35.023337/ -85.319448
Agency: 1113S000
Date Created: / /
Location: CHATT CK WHELAND FOUNDRY DIS.
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM
STORET Station ID(s): 470258 /WF-4
RMI-Indexes: 1021500 007720 00920 6140
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 001.20
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001006
RF1 Mile Point: 0.100
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 06020001124400.28
RF3 Mile Point: 3.33
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0199

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	05/24/73-05/24/73	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	05/24/73-05/24/73	1	124.	124.	124.	124.	0.	0.	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	05/24/73-05/24/73	1	35.	35.	35.	35.	0.	0.	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	05/24/73-05/24/73	1	118.	118.	118.	118.	0.	0.	**	**	**	**
00520	RESIDUE, VOLATILE FILTRABLE (MG/L)	05/24/73-05/24/73	1	33.	33.	33.	33.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/24/73-05/24/73	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/24/73-05/24/73	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	05/24/73-05/24/73	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/24/73-05/24/73	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	05/24/73-05/24/73	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/24/73-05/24/73	1	0.46	0.46	0.46	0.46	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/24/73-05/24/73	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/24/73-05/24/73	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/24/73-05/24/73	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	05/24/73-05/24/73	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	05/24/73-05/24/73	1	290.	290.	290.	290.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	05/24/73-05/24/73	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	05/24/73-05/24/73	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	05/24/73-05/24/73	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	05/24/73-05/24/73	1	39.	39.	39.	39.	0.	0.	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	05/24/73-05/24/73	1	16.	16.	16.	16.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0199

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00							1	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00							1	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00							1	0	0.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	15.	0 &	0	0.00												
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0199

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01092 ZINC, TOTAL	Fresh Acute	120.	1	0	0.00							1	0	0.00			
	Drinking Water	5000.	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0200

NPS Station ID: CHCH0200
LAT/LON: 35.023337/ -85.320004
Agency: 1113S000
Date Created: / /
Location: CHATT CK WHELAND FOUNDRY DIS.
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM
STORET Station ID(s): 470256 /TR-WF-3
RMI-Indexes: 1021500 007720 00920 6140
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 001.15
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001006
RF1 Mile Point: 0.100
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 06020001124400.28
RF3 Mile Point: 3.33
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0200

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	05/24/73-05/24/73	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	05/24/73-05/24/73	1	154.	154.	154.	154.	0.	0.	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	05/24/73-05/24/73	1	46.	46.	46.	46.	0.	0.	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	05/24/73-05/24/73	1	130.	130.	130.	130.	0.	0.	**	**	**	**
00520	RESIDUE, VOLATILE FILTRABLE (MG/L)	05/24/73-05/24/73	1	38.	38.	38.	38.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/24/73-05/24/73	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/24/73-05/24/73	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	05/24/73-05/24/73	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/24/73-05/24/73	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	05/24/73-05/24/73	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/24/73-05/24/73	1	0.52	0.52	0.52	0.52	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/24/73-05/24/73	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/24/73-05/24/73	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/24/73-05/24/73	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	05/24/73-05/24/73	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	05/24/73-05/24/73	1	2400.	2400.	2400.	2400.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	05/24/73-05/24/73	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	05/24/73-05/24/73	1	44.	44.	44.	44.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	05/24/73-05/24/73	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	05/24/73-05/24/73	1	301.	301.	301.	301.	0.	0.	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	05/24/73-05/24/73	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0200

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00							1	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00							1	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00							1	0	0.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	15.	0 &	0	0.00												
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0200

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01092 ZINC, TOTAL	Fresh Acute	120.	1	1	1.00							1	1	1.00			
	Drinking Water	5000.	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0201

NPS Station ID: CHCH0201
LAT/LON: 35.023337/ -85.320837
Agency: 1113S000
Date Created: / /
Location: CHATT CK WHELAND FOUNDRY DIS.
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM
STORET Station ID(s): 470254 /TR-WF-2
RMI-Indexes: 1021500 007720 00920 6140
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 001.10
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001006
RF1 Mile Point: 0.100
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 06020001124500.00
RF3 Mile Point: 0.20
Distance from RF3: 0.19
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0201

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	05/24/73-05/24/73	1	1910.	1910.	1910.	1910.	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	05/24/73-05/24/73	1	4916.	4916.	4916.	4916.	0.	0.	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	05/24/73-05/24/73	1	785.	785.	785.	785.	0.	0.	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	05/24/73-05/24/73	1	216.	216.	216.	216.	0.	0.	**	**	**	**
00520	RESIDUE, VOLATILE FILTRABLE (MG/L)	05/24/73-05/24/73	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/24/73-05/24/73	1	4700.	4700.	4700.	4700.	0.	0.	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/24/73-05/24/73	1	782.	782.	782.	782.	0.	0.	**	**	**	**
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	05/24/73-05/24/73	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/24/73-05/24/73	1	2.62	2.62	2.62	2.62	0.	0.	**	**	**	**
00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	05/24/73-05/24/73	1	2.8	2.8	2.8	2.8	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/24/73-05/24/73	1	0.57	0.57	0.57	0.57	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/24/73-05/24/73	1	0.49	0.49	0.49	0.49	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/24/73-05/24/73	1	100.	100.	100.	100.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	05/24/73-05/24/73	1	120.	120.	120.	120.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	05/24/73-05/24/73	1	110000.	110000.	110000.	110000.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	05/24/73-05/24/73	1	263.	263.	263.	263.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	05/24/73-05/24/73	1	604.	604.	604.	604.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	05/24/73-05/24/73	1	90.	90.	90.	90.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	05/24/73-05/24/73	1	440.	440.	440.	440.	0.	0.	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	05/24/73-05/24/73	1	48.	48.	48.	48.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0201

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00							1	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	1	1.00							1	1	1.00			
01042	COPPER, TOTAL	Fresh Acute	18.	1	1	1.00							1	1	1.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	1	1	1.00							1	1	1.00			
		Drinking Water	15.	1	1	1.00							1	1	1.00			
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0201

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01092 ZINC, TOTAL	Fresh Acute	120.	1	1	1.00							1	1	1.00			
	Drinking Water	5000.	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0202

NPS Station ID: CHCH0202
Location: TENNESSEE RIVER
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes: 1021500 007720 00920
RMI-Miles: 0953.80 0046.50 461.00
HUC: 06020001
Major Basin: TENNESSEE RIVER
Minor Basin: TENNESSEE RIVER
RF1 Index: 06020001006
RF3 Index: 06020001000206.82
Description:

LAT/LON: 35.023615/ -85.327781

Depth of Water: 0
Elevation: 0

RF1 Mile Point: 0.100
RF3 Mile Point: 6.89

Agency: 21TNWQ
FIPS State/County: 47065 TENNESSEE/HAMILTON
STORET Station ID(s): 003260 /333260 /233260
Within Park Boundary: No

Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.08

Date Created: / /

On/Off RF1: ON
On/Off RF3:

Parameter Inventory for Station: CHCH0202

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/16/64-08/18/64	29	10.	10.034	13.	5.	3.463	1.861	8.	9.	12.	12.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/64-08/18/64	29	26.	25.724	27.	25.	0.635	0.797	25.	25.	26.	27.
00064	DEPTH OF STREAM, MEAN (FT)	06/16/64-08/18/64	28	20.	20.071	26.	11.	10.884	3.299	15.9	18.	22.75	24.1
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/16/64-08/18/64	29	13.	14.931	26.	5.	34.138	5.843	8.	11.	19.	24.
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	06/16/64-08/18/64	29	71.	79.103	158.	25.	903.81	30.063	55.	58.	87.5	135.
00300	OXYGEN, DISSOLVED MG/L	06/16/64-08/18/64	28	5.5	5.321	6.	3.6	0.375	0.612	4.47	4.8	5.85	6.
00310	BOD, 5 DAY, 20 DEG C MG/L	06/16/64-08/18/64	29	0.9	1.069	5.2	0.	0.779	0.882	0.5	0.7	1.2	1.6
00403	PH, LAB, STANDARD UNITS SU	06/16/64-08/18/64	29	7.	7.014	7.2	6.7	0.02	0.141	6.8	6.9	7.1	7.2
00403	CONVERTED PH, LAB, STANDARD UNITS	06/16/64-08/18/64	29	7.	6.991	7.2	6.7	0.02	0.143	6.8	6.9	7.1	7.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/64-08/18/64	29	0.1	0.102	0.2	0.063	0.001	0.037	0.063	0.079	0.126	0.158

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0202

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	29	0	0.00	29	0	0.00									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	28	1	0.04	28	1	0.04									
00403	PH, LAB	Fresh Chronic	9.	29	0	0.00	29	0	0.00									
		Other-Lo Lim.	6.5	29	0	0.00	29	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0203

NPS Station ID: CHCH0203 | LAT/LON: 35.023698/ -85.404392 | Agency: 11NPSWRD | Date Created: 04/03/99
Location: TNHM502R | FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): CHCH_NURE_01 /4084859
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 06020001 | Depth of Water: 0 | Aquifer:
Major Basin: TENNESSEE RIVER | Elevation: 0 | Water Body Id:
Minor Basin: TENNESSEE R-MAIN STEM & MINOR TRIBS | ECO Region:
RF1 Index: 06020001 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 06020001011302.01 | RF3 Mile Point: 3.41 | Distance from RF3: 0.11 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WAUHATCHIE TENNESSEE 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THIS SITE IS AT A SPRING AND IS LOCATED OUTSIDE OF THE CHICKAMAUGA AND CHATTANOOGA NATIONAL MILITARY PARK BOUNDARIES. EACH SAMPLE WAS FILTERED THROUGH A LESS THAN OR EQUAL TO 0.8 UM FILTER AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATABASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K.D. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATABASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUNDWATER DATA. THE "UNIQID" ENTRY WAS USED TO CREATE THE SECONARY STATION NAME. THE "SRLID" (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) ENTRY WAS USED TO CREATE THE LOCATION. SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY RONDA BURNS; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FT. COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: CHCH0203

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/78-09/19/78	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/19/78-09/19/78	1	250.	250.	250.	250.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	09/19/78-09/19/78	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	09/19/78-09/19/78	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/78-09/19/78	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/19/78-09/19/78	1	150.	150.	150.	150.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/19/78-09/19/78	1	4.6	4.6	4.6	4.6	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/19/78-09/19/78	1	3.8	3.8	3.8	3.8	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/19/78-09/19/78	1	120.	120.	120.	120.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	09/19/78-09/19/78	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/19/78-09/19/78	1	63.	63.	63.	63.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/19/78-09/19/78	1	0.438	0.438	0.438	0.438	0.	0.	**	**	**	**
50700	FLUORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	09/19/78-09/19/78	1	70.	70.	70.	70.	0.	0.	**	**	**	**
50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	09/19/78-09/19/78	1	4500.	4500.	4500.	4500.	0.	0.	**	**	**	**
50761	BROMINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	09/19/78-09/19/78	1	44.	44.	44.	44.	0.	0.	**	**	**	**
82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	09/19/78-09/19/78	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0203

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0204

NPS Station ID: CHCH0204
LAT/LON: 35.024170/ -85.211670
Agency: 1113S000
Date Created: / /
Location: S.CHICKAMAUGA CK ABV BRAINERD ST
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 480155 /TR-CC-07
RMI-Indexes: 1021500 007720 00920 6180
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 011.20
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001007
RF1 Mile Point: 9.290
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 06020001123100.00
RF3 Mile Point: 0.65
Distance from RF3: 0.04
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0204

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/15/68-10/17/68	3	20.	19.833	20.	19.5	0.083	0.289	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	10/15/68-10/17/68	3	137.	136.667	140.	133.	12.333	3.512	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/15/68-10/17/68	3	4.5	4.733	5.2	4.5	0.163	0.404	**	**	**	**
00400	PH (STANDARD UNITS)	10/16/68-10/17/68	2	7.3	7.3	7.7	6.9	0.32	0.566	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/16/68-10/17/68	2	7.137	7.137	7.7	6.9	0.373	0.611	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/16/68-10/17/68	2	0.073	0.073	0.126	0.02	0.006	0.075	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/15/68-10/17/68	3	0.29	0.443	0.76	0.28	0.075	0.274	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/15/68-10/17/68	3	1.16	5.84	15.5	0.86	70.009	8.367	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/15/68-10/17/68	3	0.36	0.467	0.8	0.24	0.087	0.295	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0204

				Total	Exceed	Prop.	6/01-10/31			11/01-2/29			3/01-5/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	3	0	0.00	3	0	0.00									
00400	PH	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	0	0.00	3	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0205

NPS Station ID: CHCH0205
LAT/LON: 35.025004/ -85.215004
Agency: 131TVAC
Date Created: / /
Location: NEAR SEWAGE DISPOSAL PLANT
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475740 /2666
RMI-Indexes: 1021500 007720 00920 6180
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 010.80
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: SOUTH CHICKAMAUGA CREEK 10.8
ECO Region:
RF1 Index: 06020001007
RF1 Mile Point: 6.750
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 06020001000700.00
RF3 Mile Point: 1.85
Distance from RF3: 0.06
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0205

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: CHCH0206

NPS Station ID: CHCH0206
LAT/LON: 35.025004/ -85.218893
Agency: 1113S090
Date Created: / /
Location: S CHICK CR E BRAINERD SEWG EFF
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM
STORET Station ID(s): 470180 /EBS-01
RMI-Indexes: 1021500 007720 00920 6180
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 010.80
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001007
RF1 Mile Point: 9.150
Distance from RF1: 7.90
On/Off RF1: ON
RF3 Index: 06020001124001.53
RF3 Mile Point: 1.96
Distance from RF3: 0.07
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0206

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

***** Data for this station locked by controlling agency *****

Station Inventory for Station: CHCH0207

NPS Station ID: CHCH0207
Location: NICKAJACK RESERVOIR
Station Type: /TYPA/AMBNT/STREAM/SOLIDS
RMI-Indexes: 1021500 007720 00920
RMI-Miles: 0953.80 0046.50 441.00
HUC: 06020001
Major Basin: TENNESSEE RIVER BASIN
Minor Basin: TENNESSEE RIVER 441.0
RF1 Index: 06020001001
RF3 Index: 06020001029200.00
Description:

LAT/LON: 35.025004/ -85.442503
Depth of Water: 0
Elevation: 0
RF1 Mile Point: 23.060
RF3 Mile Point: 0.05

Agency: 131TVAC
FIPS State/County: 47115 TENNESSEE/MARION
STORET Station ID(s): 475819 /0948
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.09

Date Created: / /
On/Off RF1: ON
On/Off RF3:

Parameter Inventory for Station: CHCH0207

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/06/70-09/08/70	4	11.5	17.25	45.	1.	440.25	20.982	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	08/06/70-09/08/70	4 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	08/06/70-09/08/70	2	0.25	0.25	0.3	0.2	0.005	0.071	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0207

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
71900	MERCURY, TOTAL	Fresh Acute	2.4	4	0	0.00	4	0	0.00									
		Drinking Water	2.	4	0	0.00	4	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0208

NPS Station ID: CHCH0208
LAT/LON: 35.025281/ -85.341670
Agency: 131TVAC
Date Created: / /
Location: NICKAJACK RESERVOIR
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475341 /0981
RMI-Indexes: 1021500 007720 00920
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.00
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER 460.0
ECO Region:
RF1 Index: 06020001002
RF1 Mile Point: 8.390
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 06020001000206.82
RF3 Mile Point: 7.57
Distance from RF3: 0.07
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/07/67-09/20/79	34	10.	11.324	33.	0.	101.862	10.093	0.5	1.	20.	28.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/30/76-09/20/79	31	23.4	23.455	24.	22.9	0.197	0.443	23.	23.	24.	24.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/17/79-09/20/79	6	3.75	3.683	4.	3.	0.146	0.382	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/17/79-09/20/79	2	5.	5.	5.	5.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/30/76-09/20/79	31	170.	167.742	190.	130.	558.065	23.623	130.	140.	190.	190.
00300	OXYGEN, DISSOLVED MG/L	06/30/76-09/20/79	31	6.4	6.545	7.5	5.8	0.298	0.546	5.8	5.9	7.1	7.2
00310	BOD, 5 DAY, 20 DEG C MG/L	06/30/76-09/20/79	12	1.45	1.308	1.8	0.5	0.199	0.446	0.5	1.025	1.6	1.8
00400	PH (STANDARD UNITS)	06/30/76-09/20/79	31	7.1	7.197	7.5	7.	0.032	0.178	7.	7.1	7.4	7.4
00400	CONVERTED PH (STANDARD UNITS)	06/30/76-09/20/79	31	7.1	7.164	7.5	7.	0.033	0.181	7.	7.1	7.4	7.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/30/76-09/20/79	31	0.079	0.069	0.1	0.032	0.001	0.025	0.04	0.04	0.079	0.1
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/17/79-09/20/79	7	56.	55.	59.	52.	7.333	2.708	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/17/79-09/20/79	7	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/17/79-09/20/79	6	2.	2.667	4.	2.	1.067	1.033	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	06/30/76-09/20/79	15	0.09	0.105	0.33	0.05	0.004	0.066	0.062	0.08	0.11	0.222
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/30/76-09/20/79	15	0.07	0.082	0.14	0.05	0.001	0.031	0.05	0.06	0.09	0.14
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/30/76-09/20/79	15	0.26	0.245	0.31	0.17	0.003	0.054	0.176	0.18	0.29	0.304
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/30/76-09/20/79	15	0.02	0.022	0.04	0.01	0.	0.008	0.01	0.02	0.03	0.034
00677	PHOSPHORUS,HYDROLYZABLE + ORTHO,DIS,AUTOANALYZER	08/17/79-09/20/79	7 ##	0.005	0.007	0.01	0.005	0.	0.003	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/30/76-06/30/76	8	1150.	1126.25	2000.	200.	873226.786	934.466	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/30/76-06/30/76	8	2.889	2.849	3.301	2.301	0.235	0.485	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			706.965								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/07/67-09/07/67	3	2200.	24140.	70000.	220.	1578334800.	39728.262	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/07/67-09/07/67	3	3.342	3.51	4.845	2.342	1.587	1.26	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			3235.796								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/07/67-09/07/67	3	940.	2158.667	5500.	36.	8577685.333	2928.769	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/07/67-09/07/67	3	2.973	2.757	3.74	1.556	1.228	1.108	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			570.949								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/30/76-06/30/76	8	240.	393.75	1200.	30.	194255.357	440.744	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/30/76-06/30/76	8	2.201	2.225	3.079	1.477	0.45	0.671	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			167.982								
70001	COMPOSITE LOCATION IN A CROSS SECTION	09/07/67-09/07/67	1	1122.	1122.	1122.	1122.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/17/79-09/20/79	6	100.	96.667	100.	90.	26.667	5.164	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0208

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	6	0	0.00	6	0	0.00									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	31	0	0.00	31	0	0.00									
00400	PH	Fresh Chronic	9.	31	0	0.00	31	0	0.00									
		Other-Lo Lim.	6.5	31	0	0.00	31	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	15	0	0.00	15	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	8	4	0.50	8	4	0.50									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	3	2	0.67	3	2	0.67									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	3	2	0.67	3	2	0.67									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	8	4	0.50	8	4	0.50									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0209

NPS Station ID: CHCH0209
LAT/LON: 35.025559/ -85.346392
Agency: 131TVAC
Date Created: / /
Location:
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM/SOLIDS
STORET Station ID(s): 475891 /2531
RMI-Indexes: 1021500 007720 00920 6124
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 459.80 000.10
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: LOOKOUT CREEK 0.1
ECO Region:
RF1 Index: 06020001003
RF1 Mile Point: 1.640
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 06020001124000.00
RF3 Mile Point: 0.00
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0209

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/08/70-09/08/70	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: CHCH0210

NPS Station ID: CHCH0210
LAT/LON: 35.026115/ -85.344449
Agency: 21TNWQ
Date Created: / /
Location: LOOKOUT CREEK
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 001760 /331760 /231760
RMI-Indexes: 1021500 007720 00920 6124
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 459.80 000.00
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER
ECO Region:
RF1 Index: 06020001003
RF1 Mile Point: 1.530
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 06020001000201.54
RF3 Mile Point: 5.61
Distance from RF3: 0.07
On/Off RF3:
Description:
AT MOUTH

Parameter Inventory for Station: CHCH0210

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/16/64-07/14/64	6	7.	7.167	8.	6.	0.567	0.753	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/64-07/14/64	6	25.5	24.667	27.	21.	5.067	2.251	**	**	**	**
00064	DEPTH OF STREAM, MEAN (FT)	06/16/64-07/14/64	6	15.5	14.667	16.	11.	3.867	1.966	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/16/64-07/14/64	6	23.5	39.167	88.	7.	1343.767	36.657	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	06/16/64-07/14/64	6	121.5	213.833	492.	62.	37512.967	193.683	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/16/64-07/14/64	6	6.	6.2	7.3	5.6	0.36	0.6	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	06/16/64-07/14/64	6	1.15	1.083	1.6	0.4	0.166	0.407	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/16/64-07/14/64	6	7.1	7.15	7.4	7.	0.019	0.138	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/16/64-07/14/64	6	7.1	7.134	7.4	7.	0.019	0.139	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/64-07/14/64	6	0.079	0.074	0.1	0.04	0.	0.02	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0210

				Total	Exceed	Prop.	----------6/01-10/31----------			----------11/01-2/29----------			----------3/01-5/31----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	6	2	0.33	6	2	0.33									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	6	0	0.00	6	0	0.00									
00403	PH, LAB	Fresh Chronic	9.	6	0	0.00	6	0	0.00									
		Other-Lo Lim.	6.5	6	0	0.00	6	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0211

NPS Station ID: CHCH0211
LAT/LON: 35.026392/ -85.324449
Agency: 1113S000
Date Created: / /
Location: TENN R US PIPE S STORM SEWER EFF
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM
STORET Station ID(s): 470300 /USP-3
RMI-Indexes: 1021500 007720 00920
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 462.00
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001006
RF1 Mile Point: 0.080
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 06020001000600.90
RF3 Mile Point: 1.21
Distance from RF3: 0.06
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0211

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/07/73-03/08/73	4	13.	13.	13.	13.	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	03/07/73-03/08/73	2	40.	40.	50.	30.	200.	14.142	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	03/07/73-03/08/73	2	16.6	16.6	25.	8.2	141.12	11.879	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	03/07/73-03/08/73	2	220.5	220.5	380.	61.	50880.5	225.567	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/07/73-03/08/73	2	7.75	7.75	7.8	7.7	0.005	0.071	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/07/73-03/08/73	2	7.747	7.747	7.8	7.7	0.005	0.071	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/07/73-03/08/73	2	0.018	0.018	0.02	0.016	0.	0.003	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	03/07/73-03/08/73	2	543.	543.	862.	224.	203522.	451.134	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/07/73-03/08/73	2	128.5	128.5	191.	66.	7812.5	88.388	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/07/73-03/08/73	2	145.	145.	159.	131.	392.	19.799	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/07/73-03/08/73	2	398.	398.	703.	93.	186050.	431.335	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/07/73-03/08/73	2	97.	97.	163.	31.	8712.	93.338	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/07/73-03/08/73	2	1.315	1.315	1.92	0.71	0.732	0.856	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/07/73-03/08/73	2	2.475	2.475	4.25	0.7	6.301	2.51	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/07/73-03/08/73	2	0.55	0.55	0.57	0.53	0.001	0.028	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/07/73-03/08/73	2	1.04	1.04	2.02	0.06	1.921	1.386	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/07/73-03/08/73	2	55.	55.	97.	13.	3528.	59.397	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/07/73-03/08/73	2	39.5	39.5	53.	26.	364.5	19.092	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	03/07/73-03/08/73	2 ##	41.5	41.5	78.	5.	2664.5	51.619	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	03/07/73-03/08/73	2	22125.	22125.	42200.	2050.	806011250.	28390.337	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	03/07/73-03/08/73	2 ##	122.5	122.5	195.	50.	10512.5	102.53	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	03/07/73-03/08/73	2	218.5	218.5	412.	25.	74884.5	273.65	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	03/07/73-03/08/73	2 ##	40.	40.	40.	40.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	03/07/73-03/08/73	2	356.5	356.5	671.	42.	197820.5	444.77	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0211

				Total	Exceed	Prop.	6/01-10/31			11/01-2/29			3/01-5/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403	PH, LAB	Fresh Chronic	9.	2	0	0.00							2	0	0.00			
		Other-Lo Lim.	6.5	2	0	0.00							2	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00							2	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	2	0	0.00							2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0211

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01042	COPPER, TOTAL	Fresh Acute	18.	2	1	0.50							2	1	0.50			
		Drinking Water	1300.	2	0	0.00							2	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	2	1	0.50							2	1	0.50			
		Drinking Water	15.	1 &	1	1.00							1	1	1.00			
01067	NICKEL, TOTAL	Fresh Acute	1400.	2	0	0.00							2	0	0.00			
		Drinking Water	100.	2	0	0.00							2	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	2	1	0.50							2	1	0.50			
		Drinking Water	5000.	2	0	0.00							2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0212

NPS Station ID: CHCH0212
LAT/LON: 35.028059/ -85.200838
Agency: 1113S000
Date Created: / /
Location: S.CHICKAMAUGA CK BLW BRAINERD ST
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 480150 /TR-CC-08
RMI-Indexes: 1021500 007720 00920 6180
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 010.30
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001007
RF1 Mile Point: 9.290
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 06020001000706.14
RF3 Mile Point: 6.23
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0212

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/15/68-10/17/68	3	20.	20.	20.	20.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/15/68-10/17/68	3	5.	5.1	5.6	4.7	0.21	0.458	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	10/15/68-10/15/68	1	9.7	9.7	9.7	9.7	0.	0.	**	**	**	**
00380	CHLORINE DEMAND, 24 HOUR (MG/L)	10/15/68-10/15/68	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/16/68-10/17/68	2	7.4	7.4	7.6	7.2	0.08	0.283	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/16/68-10/17/68	2	7.355	7.355	7.6	7.2	0.084	0.29	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/16/68-10/17/68	2	0.044	0.044	0.063	0.025	0.001	0.027	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/16/68-10/17/68	2	138.	138.	140.	136.	8.	2.828	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/15/68-10/17/68	3	0.77	0.8	0.9	0.73	0.008	0.089	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/15/68-10/17/68	3	0.86	0.92	1.04	0.86	0.011	0.104	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/15/68-10/17/68	3	0.4	0.417	0.46	0.39	0.001	0.038	**	**	**	**
00685	CARBON, TOTAL INORGANIC (MG/L AS C)	10/15/68-10/15/68	1	9.	9.	9.	9.	0.	0.	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	10/16/68-10/17/68	2	6.	6.	6.	6.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0212

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	3	0	0.00	3	0	0.00									
00400	PH	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	0	0.00	3	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0213

NPS Station ID: CHCH0213 LAT/LON: 35.028059/ -85.288892 Agency: 1113S000 Date Created: / /
Location: DOBBS BR @ UNNAMED TRIB. @ M 0.3 FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 470212 /TR-DBT-2
RMI-Indexes: 1021500 007720 00920 6140 0050 0320 Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 003.10 000.30 000.90
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: TENNESSEE RIVER CHATTANOOGA STUDY ECO Region:
RF1 Index: 06020001 RF1 Mile Point: 0.000 Distance from RF1: 16.70 On/Off RF1:
RF3 Index: 06020001130500.00 RF3 Mile Point: 0.00 Distance from RF3: 0.05 On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0213

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/27/73-03/07/73	7	0.	0.	0.	0.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/27/73-03/07/73	7	16.	16.5	21.	12.	8.083	2.843	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/27/73-03/07/73	7	230.	757.143	4000.	135.	2049007.143	1431.435	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/27/73-03/07/73	7	670.	654.286	1080.	220.	82220.238	286.741	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	02/27/73-02/27/73	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	02/27/73-03/07/73	7 ##	10.	21.286	45.	10.	233.238	15.272	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	02/27/73-03/02/73	2 ##	78.5	78.5	132.	25.	5724.5	75.66	**	**	**	**
00400	PH (STANDARD UNITS)	02/27/73-03/07/73	7	6.5	6.964	9.1	4.4	2.741	1.655	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/27/73-03/07/73	7	6.5	5.226	9.1	4.4	6.264	2.503	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/27/73-03/07/73	7	0.316	5.937	39.811	0.001	223.236	14.941	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	02/27/73-03/07/73	7	7.5	7.186	9.6	4.	4.261	2.064	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	02/27/73-03/07/73	7	7.5	4.829	9.6	4.	10.74	3.277	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/27/73-03/07/73	7	0.032	14.815	100.	0.	1412.294	37.581	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/27/73-03/07/73	7	36.	75.143	225.	0.	7398.476	86.014	**	**	**	**
00435	ACIDITY, TOTAL (MG/L AS CACO3)	02/27/73-03/07/73	7	5.	74.143	268.	0.	10829.81	104.066	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/27/73-03/07/73	7	0.73	0.771	1.23	0.17	0.154	0.392	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/27/73-03/07/73	7	3.38	4.21	7.35	1.57	5.196	2.28	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/27/73-03/07/73	7	0.75	0.829	1.58	0.18	0.189	0.435	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/27/73-03/07/73	7	1.4	2.436	9.7	0.43	10.611	3.257	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/27/73-03/07/73	7	12.	18.857	48.	7.	268.81	16.395	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/27/73-03/07/73	7	7900.	12462.857	35000.	10.	230075557.143	15168.242	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/27/73-03/07/73	7	3.898	3.361	4.544	1.	1.665	1.29	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			2295.026								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/27/73-03/07/73	7	2200.	8437.143	35000.	10.	173625957.143	13176.72	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/27/73-03/07/73	7	3.342	2.92	4.544	1.	1.951	1.397	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			832.436								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0213

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	7	7	1.00				2	2	1.00	5	5	1.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0213

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	7	1	0.14				2	0	0.00	5	1	0.20			
		Other-Lo Lim.	6.5	7	4	0.57				2	2	1.00	5	2	0.40			
00403	PH, LAB	Fresh Chronic	9.	7	2	0.29				2	0	0.00	5	2	0.40			
		Other-Lo Lim.	6.5	7	3	0.43				2	2	1.00	5	1	0.20			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	7	0	0.00				2	0	0.00	5	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	7	5	0.71				2	1	0.50	5	4	0.80			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	7	5	0.71				2	1	0.50	5	4	0.80			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0214

NPS Station ID: CHCH0214
LAT/LON: 35.028059/ -85.323337
Agency: 1113S000
Date Created: / /
Location: TENN R US PIPE N STORM SEWER EFF
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM
STORET Station ID(s): 470298 /TR-USP-2
RMI-Indexes: 1021500 007720 00920
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 462.00
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001006
RF1 Mile Point: 0.280
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 06020001000600.90
RF3 Mile Point: 1.47
Distance from RF3: 0.13
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0214

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/07/73-03/08/73	4	16.	15.75	16.	15.	0.25	0.5	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	03/07/73-03/08/73	2	40.	40.	50.	30.	200.	14.142	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	03/07/73-03/08/73	2	12.4	12.4	22.	2.8	184.32	13.576	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	03/07/73-03/08/73	2 ##	82.5	82.5	140.	25.	6612.5	81.317	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/07/73-03/08/73	2	8.2	8.2	8.4	8.	0.08	0.283	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/07/73-03/08/73	2	8.155	8.155	8.4	8.	0.084	0.29	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/07/73-03/08/73	2	0.007	0.007	0.01	0.004	0.	0.004	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	03/07/73-03/08/73	2	546.	546.	902.	190.	253472.	503.46	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/07/73-03/08/73	2	92.5	92.5	141.	44.	4704.5	68.589	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/07/73-03/08/73	2	464.	464.	776.	152.	194688.	441.235	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/07/73-03/08/73	2	82.	82.	126.	38.	3872.	62.225	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/07/73-03/08/73	2	30.5	30.5	48.	13.	612.5	24.749	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/07/73-03/08/73	2	0.165	0.165	0.32	0.01	0.048	0.219	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/07/73-03/08/73	2	0.725	0.725	1.3	0.15	0.661	0.813	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/07/73-03/08/73	2	0.8	0.8	1.07	0.53	0.146	0.382	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/07/73-03/08/73	2	0.455	0.455	0.8	0.11	0.238	0.488	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/07/73-03/08/73	2	20.	20.	36.	4.	512.	22.627	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/07/73-03/08/73	2 ##	25.	25.	40.	10.	450.	21.213	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	03/07/73-03/08/73	2	41.	41.	67.	15.	1352.	36.77	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	03/07/73-03/08/73	2	8465.	8465.	15100.	1830.	88046450.	9383.307	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	03/07/73-03/08/73	2 ##	135.	135.	220.	50.	14450.	120.208	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	03/07/73-03/08/73	2	130.	130.	235.	25.	22050.	148.492	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	03/07/73-03/08/73	2 ##	40.	40.	40.	40.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	03/07/73-03/08/73	2	451.	451.	810.	92.	257762.	507.703	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0214

				Total	Exceed	Prop.	----------6/01-10/31----------			----------11/01-2/29----------			----------3/01-5/31----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403	PH, LAB	Fresh Chronic	9.	2	0	0.00							2	0	0.00			
		Other-Lo Lim.	6.5	2	0	0.00							2	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00							2	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	2	0	0.00							2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0214

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01042	COPPER, TOTAL	Fresh Acute	18.	2	1	0.50							2	1	0.50			
		Drinking Water	1300.	2	0	0.00							2	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	2	1	0.50							2	1	0.50			
		Drinking Water	15.	1 &	1	1.00							1	1	1.00			
01067	NICKEL, TOTAL	Fresh Acute	1400.	2	0	0.00							2	0	0.00			
		Drinking Water	100.	2	0	0.00							2	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	2	1	0.50							2	1	0.50			
		Drinking Water	5000.	2	0	0.00							2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0215

NPS Station ID: CHCH0215 | LAT/LON: 35.028115/ -85.463198 | Agency: 11NPSWRD | Date Created: 04/03/99
Location: TNMR504R | FIPS State/County: 47115 TENNESSEE/MARION
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): CHCH_NURE_11 /4085586
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 06020001 | Depth of Water: 0 | Aquifer:
Major Basin: TENNESSEE RIVER | Elevation: 0 | Water Body Id:
Minor Basin: TENNESSEE R-MAIN STEM & MINOR TRIBS | ECO Region:
RF1 Index: 06020001 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 06020001011302.01 | RF3 Mile Point: 3.41 | Distance from RF3: 0.11 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WAUHATCHIE TENNESSEE 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THIS SITE IS AT A SPRING AND IS LOCATED OUTSIDE OF THE CHICKAMAUGA AND CHATTANOOGA NATIONAL MILITARY PARK BOUNDARIES. EACH SAMPLE WAS FILTERED THROUGH A LESS THAN OR EQUAL TO 0.8 UM FILTER AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATABASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K.D. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATABASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUNDWATER DATA. THE "UNIQID" ENTRY WAS USED TO CREATE THE SECONARY STATION NAME. THE "SRLID" (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) ENTRY WAS USED TO CREATE THE LOCATION. SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY RONDA BURNS; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FT. COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: CHCH0215

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/78-08/24/78	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/24/78-08/24/78	1	250.	250.	250.	250.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/24/78-08/24/78	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/24/78-08/24/78	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/24/78-08/24/78	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/24/78-08/24/78	1	140.	140.	140.	140.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/24/78-08/24/78	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/24/78-08/24/78	1	4.65	4.65	4.65	4.65	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/24/78-08/24/78	1	125.	125.	125.	125.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	08/24/78-08/24/78	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/24/78-08/24/78	1	190.	190.	190.	190.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	08/24/78-08/24/78	1	0.429	0.429	0.429	0.429	0.	0.	**	**	**	**
50700	FLUORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	08/24/78-08/24/78	1	89.	89.	89.	89.	0.	0.	**	**	**	**
50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	08/24/78-08/24/78	1	2500.	2500.	2500.	2500.	0.	0.	**	**	**	**
82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	08/24/78-08/24/78	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0215

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0216

NPS Station ID: CHCH0216
LAT/LON: 35.028338/ -85.208059
Agency: 131TVAC
Date Created: / /
Location: 0.5 MILE EAST OF BRAINERD HIGH SCHOOL
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475396 /2663
RMI-Indexes: 1021500 007720 00920 6180
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 010.30
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: SOUTH CHICKAMAUGA CREEK 10.3
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 06020001123000.00
RF3 Mile Point: 0.00
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0216

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/06/67-09/26/72	11	1.	0.909	1.	0.	0.091	0.302	0.2	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/06/67-09/26/72	11	21.9	21.227	23.	13.5	7.78	2.789	14.6	21.9	23.	23.
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/25/72-09/25/72	1	144.	144.	144.	144.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/06/67-09/06/67	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/06/67-09/26/72	11	5.1	5.064	7.4	4.1	1.007	1.003	4.12	4.2	5.2	7.18
00303	BOD, 1DAY, 20 DEG C MG/L	09/25/72-09/26/72	9 ##	0.5	0.778	1.6	0.5	0.197	0.444	0.5	0.5	1.2	1.6
00304	BOD, 2 DAY, 20 DEG C MG/L	09/06/67-09/26/72	11	1.9	2.073	3.5	1.4	0.414	0.644	1.42	1.5	2.6	3.36
00305	BOD, 3 DAY, 20 DEG C MG/L	09/25/72-09/26/72	9	2.7	2.889	3.7	2.4	0.209	0.457	2.4	2.6	3.25	3.7
00306	BOD, 4 DAY, 20 DEG C MG/L	09/25/72-09/26/72	9	3.3	3.367	4.2	2.9	0.22	0.469	2.9	3.	3.7	4.2
00310	BOD, 5 DAY, 20 DEG C MG/L	09/06/67-09/26/72	11	4.	3.836	5.	1.6	0.789	0.888	1.96	3.6	4.	4.98
00312	BOD, 6 DAY, 20 DEG C MG/L	09/25/72-09/25/72	3	5.6	5.233	5.8	4.3	0.663	0.814	**	**	**	**
00315	BOD, 7 DAY, 20 DEG C MG/L	09/25/72-09/25/72	3	6.3	6.1	6.6	5.4	0.39	0.624	**	**	**	**
00316	BOD, 8 DAY, 20 DEG C MG/L	09/25/72-09/25/72	3	7.9	7.533	8.1	6.6	0.663	0.814	**	**	**	**
00317	BOD, 9 DAY, 20 DEG C MG/L	09/25/72-09/25/72	3	9.4	8.967	9.6	7.9	0.863	0.929	**	**	**	**
00322	BOD, 10 DAY, 20 DEG C MG/L	09/25/72-09/25/72	3	10.	9.967	11.	8.9	1.103	1.05	**	**	**	**
00323	BOD, 15 DAY, 20 DEG C MG/L	09/25/72-09/25/72	3	12.	11.667	13.	10.	2.333	1.528	**	**	**	**
00324	BOD, 20 DAY, 20 DEG C MG/L	09/25/72-09/25/72	3	14.	13.	14.	11.	3.	1.732	**	**	**	**
00350	BOD, 14 DAY, 20 DEG C MG/L	09/25/72-09/25/72	3	12.	11.667	13.	10.	2.333	1.528	**	**	**	**
00400	PH (STANDARD UNITS)	09/06/67-10/13/67	2	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/06/67-10/13/67	2	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/06/67-10/13/67	2	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	09/06/67-10/13/67	2	180.	180.	190.	170.	200.	14.142	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/06/67-10/13/67	2	150.	150.	160.	140.	200.	14.142	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/06/67-09/26/72	10	0.5	0.539	0.84	0.43	0.017	0.129	0.431	0.448	0.603	0.823
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/06/67-09/26/72	10	0.635	0.655	0.97	0.44	0.022	0.147	0.45	0.548	0.73	0.952
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/06/67-09/26/72	10	0.145	0.163	0.28	0.06	0.007	0.083	0.061	0.085	0.25	0.277
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/06/67-09/26/72	10	0.5	0.482	0.57	0.26	0.007	0.086	0.278	0.463	0.533	0.567
00945	SULFATE, TOTAL (MG/L AS SO4)	10/13/67-10/13/67	1	16.	16.	16.	16.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/06/67-09/06/67	1	4400.	4400.	4400.	4400.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/06/67-09/06/67	1	3.643	3.643	3.643	3.643	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4400.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/06/67-10/13/67	2 ##	95.	95.	140.	50.	4050.	63.64	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/06/67-10/13/67	2 ##	1.923	1.923	2.146	1.699	0.1	0.316	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			83.666								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0216

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	11	0	0.00	11	0	0.00									
00400	PH	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	10	0	0.00	10	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	10	0	0.00	10	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	1	1.00	1	1	1.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0217

NPS Station ID: CHCH0217
LAT/LON: 35.029727/ -85.286392
Agency: 1113S000
Date Created: / /
Location: CHATT CK MODERN MAID PICKLE EFF.
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM
STORET Station ID(s): 470262 /MM-1
RMI-Indexes: 1021500 007720 00920 6140
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 002.20
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001006
RF1 Mile Point: 3.900
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 06020001124400.28
RF3 Mile Point: 3.38
Distance from RF3: 0.37
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0217

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00058	FLOW, RATE GALLONS/MIN	02/27/73-03/01/73	3	20.	20.	20.	20.	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	02/27/73-03/01/73	3 ##	4.	8.	16.	4.	48.	6.928	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	02/27/73-03/01/73	3 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	02/27/73-03/01/73	2	2.3	2.3	2.3	2.3	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	02/27/73-03/01/73	2	2.3	2.3	2.3	2.3	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/27/73-03/01/73	2	5011.872	5011.872	5011.872	5011.872	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	02/28/73-03/01/73	2	1055.5	1055.5	1077.	1034.	924.5	30.406	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	02/28/73-03/01/73	2	294.	294.	453.	135.	50562.	224.86	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	02/28/73-03/01/73	2	1049.5	1049.5	1067.	1032.	612.5	24.749	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/28/73-03/01/73	2	6.	6.	10.	2.	32.	5.657	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/28/73-03/01/73	2	1.5	1.5	2.	1.	0.5	0.707	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/27/73-03/01/73	3	0.01	0.045	0.12	0.005	0.004	0.065	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/27/73-03/01/73	3	0.4	0.533	0.8	0.4	0.053	0.231	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/27/73-03/01/73	3	0.55	0.56	0.61	0.52	0.002	0.046	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/27/73-03/01/73	3	0.19	0.327	0.7	0.09	0.107	0.327	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/27/73-03/01/73	3	3.	2.667	3.	2.	0.333	0.577	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/27/73-02/28/73	2	85.	85.	105.	65.	800.	28.284	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	02/27/73-02/28/73	2	76.	76.	88.	64.	288.	16.971	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	02/27/73-02/28/73	2	231250.	231250.	259000.	203500.	1540125000.	39244.426	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	02/27/73-02/28/73	2	642.5	642.5	885.	400.	117612.5	342.947	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	02/27/73-02/28/73	2	1045.	1045.	1145.	945.	20000.	141.421	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	02/27/73-02/28/73	2	7420.	7420.	9800.	5040.	11328800.	3365.828	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	02/27/73-02/28/73	2	119.	119.	138.	100.	722.	26.87	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0217

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	2	0	0.00				1	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	2	2	1.00				1	1	1.00	1	1	1.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	0	0.00				2	0	0.00	1	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	2	1	0.50				2	1	0.50						
01042	COPPER, TOTAL	Fresh Acute	18.	2	2	1.00				2	2	1.00						
		Drinking Water	1300.	2	0	0.00				2	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0217

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01051	LEAD, TOTAL	Fresh Acute	82.	2	2	1.00				2	2	1.00						
		Drinking Water	15.	2	2	1.00				2	2	1.00						
01067	NICKEL, TOTAL	Fresh Acute	1400.	2	2	1.00				2	2	1.00						
		Drinking Water	100.	2	2	1.00				2	2	1.00						
01092	ZINC, TOTAL	Fresh Acute	120.	2	1	0.50				2	1	0.50						
		Drinking Water	5000.	2	0	0.00				2	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0218

NPS Station ID: CHCH0218
LAT/LON: 35.029727/ -85.286392
Agency: 1113S000
Date Created: / /
Location: CHATT CK MODERN MAID PAINT EFF.
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM
STORET Station ID(s): 470264 /TR-MM-3
RMI-Indexes: 1021500 007720 00920 6140
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 002.20
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001006
RF1 Mile Point: 3.900
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 06020001130500.74
RF3 Mile Point: 1.41
Distance from RF3: 0.74
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0218

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00058	FLOW, RATE GALLONS/MIN	02/27/73-02/28/73	2	5.	5.	5.	5.	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	02/27/73-02/28/73	2 ##	4.	4.	4.	4.	0.	0.	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	02/27/73-02/28/73	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	02/27/73-02/28/73	2	7.55	7.55	7.6	7.5	0.005	0.071	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	02/27/73-02/28/73	2	7.547	7.547	7.6	7.5	0.005	0.071	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/27/73-02/28/73	2	0.028	0.028	0.032	0.025	0.	0.005	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	02/28/73-02/28/73	1	145.	145.	145.	145.	0.	0.	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	02/28/73-02/28/73	1	54.	54.	54.	54.	0.	0.	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	02/28/73-02/28/73	1	140.	140.	140.	140.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/28/73-02/28/73	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/28/73-02/28/73	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/27/73-02/28/73	2	0.1	0.1	0.11	0.09	0.	0.014	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/27/73-02/28/73	2	0.835	0.835	1.42	0.25	0.684	0.827	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/27/73-02/28/73	2	0.6	0.6	0.63	0.57	0.002	0.042	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/27/73-02/28/73	2	4.3	4.3	5.1	3.5	1.28	1.131	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/27/73-02/28/73	2	3.5	3.5	4.	3.	0.5	0.707	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0218

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	2	0	0.00				2	0	0.00						
		Other-Lo Lim.	6.5	2	0	0.00				2	0	0.00						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00				2	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0219

NPS Station ID: CHCH0219
LAT/LON: 35.029727/ -85.286392
Agency: 1113S000
Date Created: / /
Location: CHATT CK MODERN MAID CER. BASE
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM
STORET Station ID(s): 470266 /TR-MM-2
RMI-Indexes: 1021500 007720 00920 6140
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 460.60 002.20
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001006
RF1 Mile Point: 3.900
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 06020001130500.74
RF3 Mile Point: 1.41
Distance from RF3: 0.74
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0219

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00058	FLOW, RATE GALLONS/MIN	02/27/73-03/01/73	3	10.	11.667	15.	10.	8.333	2.887	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	02/27/73-03/01/73	3 ##	10.	8.	10.	4.	12.	3.464	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	02/27/73-03/01/73	3 ##	25.	36.	58.	25.	363.	19.053	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	02/27/73-03/01/73	2	9.4	9.4	9.5	9.3	0.02	0.141	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	02/27/73-03/01/73	2	9.389	9.389	9.5	9.3	0.02	0.142	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/27/73-03/01/73	2	0.	0.	0.001	0.	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	02/28/73-03/01/73	2	2637.	2637.	3019.	2255.	291848.	540.23	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	02/28/73-03/01/73	2	122.	122.	175.	69.	5618.	74.953	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	02/28/73-03/01/73	2	935.5	935.5	972.	899.	2664.5	51.619	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/28/73-03/01/73	2	1701.5	1701.5	2120.	1283.	350284.5	591.848	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/28/73-03/01/73	2	61.	61.	80.	42.	722.	26.87	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/27/73-03/01/73	3	0.39	0.53	0.86	0.34	0.082	0.287	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/27/73-03/01/73	3	26.	23.333	27.	17.	30.333	5.508	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/27/73-03/01/73	3	0.79	0.83	0.91	0.79	0.005	0.069	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/27/73-03/01/73	3	0.63	0.7	0.9	0.57	0.031	0.176	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/27/73-03/01/73	3	20.	17.333	20.	12.	21.333	4.619	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0219

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	2	2	1.00				1	1	1.00	1	1	1.00			
		Other-Lo Lim.	6.5	2	0	0.00				1	0	0.00	1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	0	0.00				2	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0220

NPS Station ID: CHCH0220
LAT/LON: 35.029727/ -85.472226
Agency: 21TNWQ
Date Created: / /
Location: TENNESSEE RIVER
FIPS State/County: 47115 TENNESSEE/MARION
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 003320 /583320 /233320
RMI-Indexes: 1021500 007720 00920
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 439.00
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER
ECO Region:
RF1 Index: 06020001001
RF1 Mile Point: 20.810
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 06020001000103.94
RF3 Mile Point: 3.94
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0220

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/18/64-08/20/64	60	17.	18.6	50.	0.	292.685	17.108	0.	1.	25.	50.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/18/64-08/20/64	60	26.	26.05	28.	25.	0.557	0.746	25.	26.	27.	27.
00064	DEPTH OF STREAM, MEAN (FT)	06/18/64-08/20/64	60	39.5	36.8	50.	16.	168.875	12.995	18.3	23.5	50.	50.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/18/64-08/20/64	60	16.5	18.15	57.	8.	76.13	8.725	10.	12.25	20.	30.5
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	06/18/64-08/20/64	60	100.	109.633	410.	60.	3257.016	57.07	73.	77.	115.	154.5
00300	OXYGEN, DISSOLVED MG/L	06/18/64-08/20/64	60	5.4	5.297	7.4	4.3	0.404	0.635	4.4	4.65	5.6	6.
00310	BOD, 5 DAY, 20 DEG C MG/L	06/18/64-08/20/64	60	0.9	0.98	2.2	0.3	0.132	0.364	0.6	0.725	1.2	1.4
00403	PH, LAB, STANDARD UNITS SU	06/18/64-08/20/64	60	7.	7.053	7.7	6.8	0.026	0.162	6.81	6.9	7.2	7.2
00403	CONVERTED PH, LAB, STANDARD UNITS	06/18/64-08/20/64	60	7.	7.026	7.7	6.8	0.027	0.164	6.81	6.9	7.2	7.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/18/64-08/20/64	60	0.1	0.094	0.158	0.02	0.001	0.032	0.063	0.063	0.126	0.155

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0220

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	60	1	0.02	60	1	0.02									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	60	0	0.00	60	0	0.00									
00403	PH, LAB	Fresh Chronic	9.	60	0	0.00	60	0	0.00									
		Other-Lo Lim.	6.5	60	0	0.00	60	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0221

NPS Station ID: CHCH0221
Location: TENNESSEE RIVER
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes: 1021500 007720 00920
RMI-Miles: 0953.80 0046.50 459.40
HUC: 06020001
Major Basin: TENNESSEE RIVER
Minor Basin: TENNESSEE RIVER
RF1 Index: 06020001002
RF3 Index: 06020001000206.82
Description:

LAT/LON: 35.034170/ -85.349448

Depth of Water: 0
Elevation: 0

RF1 Mile Point: 7.690
RF3 Mile Point: 7.83

Agency: 21TNWQ
FIPS State/County: 47065 TENNESSEE/HAMILTON
STORET Station ID(s): 003270 /333270 /233270
Within Park Boundary: No

Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.06

Date Created: / /

On/Off RF1: ON
On/Off RF3:

Parameter Inventory for Station: CHCH0221

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/16/64-08/18/64	60	9.5	9.667	18.	5.	12.023	3.467	6.	7.	13.	14.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/64-08/18/64	60	26.	25.783	27.	24.	0.715	0.846	25.	25.	26.	27.
00064	DEPTH OF STREAM, MEAN (FT)	06/16/64-08/18/64	58	20.	19.224	26.	14.	5.51	2.347	15.	18.	20.25	21.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/16/64-08/18/64	60	14.5	16.1	31.	6.	47.685	6.905	8.	10.	22.	27.
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	06/16/64-08/18/64	60	84.	89.833	160.	47.	937.362	30.616	60.	62.	115.	136.8
00300	OXYGEN, DISSOLVED MG/L	06/16/64-08/18/64	60	5.6	5.502	6.1	4.5	0.204	0.451	4.72	5.3	5.8	6.
00310	BOD, 5 DAY, 20 DEG C MG/L	06/16/64-08/18/64	60	1.	0.995	2.	0.4	0.111	0.333	0.6	0.8	1.175	1.39
00403	PH, LAB, STANDARD UNITS SU	06/16/64-08/18/64	60	7.	7.05	7.8	6.8	0.024	0.153	6.9	7.	7.1	7.2
00403	CONVERTED PH, LAB, STANDARD UNITS	06/16/64-08/18/64	60	7.	7.028	7.8	6.8	0.024	0.155	6.9	7.	7.1	7.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/64-08/18/64	60	0.1	0.094	0.158	0.016	0.001	0.028	0.063	0.079	0.1	0.126

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0221

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	60	0	0.00	60	0	0.00									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	60	0	0.00	60	0	0.00									
00403	PH, LAB	Fresh Chronic	9.	60	0	0.00	60	0	0.00									
		Other-Lo Lim.	6.5	60	0	0.00	60	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0222

NPS Station ID: CHCH0222 LAT/LON: 35.036115/ -85.188892 Agency: 1113S000 Date Created: / /
Location: SOUTH CHICKAMAUGA CREEK AT GAF CORP DISCHARGE FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/IND/PTRTMT/OUTFL/STREAM STORET Station ID(s): 470045 /TR-F-15
RMI-Indexes: 1021500 007720 00920 6180 0230 Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 465.90 008.70 000.60
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN ECO Region:
RF1 Index: 06020001 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 06020001000700.00 RF3 Mile Point: 0.96 Distance from RF3: 0.11 On/Off RF3:
Description:
GAF CORPORATION---SAMPLES WERE COLLECTED AT THE DISCHARGE WEIR IMMEDIATELY BEFORE THE WASTE FLOWS INTO FRIAR BRANCH AT MILE 0.6. FRIAR BRANCH FLOWS INTO SOUTH CHICKAMAUGA CREEK AT MILE 8.7.
STUDY CONDUCTED BY CREW FROM SOUTHEAST WATER LABORATORY IN JUNE 1972. CHARLES SWEATT-PROJECT ENGINEER; TOM BENNETT-CHEMIST.

Parameter Inventory for Station: CHCH0222

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00058	FLOW, RATE GALLONS/MIN	06/19/72-06/23/72	5	280.	276.	330.	200.	2230.	47.223	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	06/20/72-06/23/72	4	26.	26.5	40.	14.	155.667	12.477	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/19/72-06/23/72	5	8.	7.94	8.3	7.6	0.068	0.261	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/19/72-06/23/72	5	8.	7.88	8.3	7.6	0.073	0.269	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/19/72-06/23/72	5	0.01	0.013	0.025	0.005	0.	0.008	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/19/72-06/23/72	5	260.	246.	280.	200.	1480.	38.471	**	**	**	**
00435	ACIDITY, TOTAL (MG/L AS CACO3)	06/19/72-06/23/72	5	20.	15.2	24.	0.	91.2	9.55	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	06/19/72-06/23/72	5	3829.	3661.4	4330.	2619.	406328.3	637.439	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	06/19/72-06/23/72	5	3818.	3627.8	4271.	2585.	399962.7	632.426	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/19/72-06/23/72	5	34.	33.6	59.	11.	294.8	17.17	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/19/72-06/23/72	5	102.	104.2	121.	96.	95.7	9.783	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/19/72-06/23/72	5	105.	106.2	121.	96.	85.7	9.257	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/19/72-06/23/72	5	0.6	0.636	0.8	0.5	0.018	0.133	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/19/72-06/23/72	5	0.67	0.7	0.84	0.61	0.008	0.087	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/19/72-06/23/72	5	54.	52.6	58.	41.	48.8	6.986	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	06/19/72-06/23/72	5 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	06/19/72-06/23/72	5 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	06/19/72-06/23/72	5	325.	315.	350.	275.	812.5	28.504	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	06/19/72-06/23/72	5 ##	50.	75.	125.	50.	1250.	35.355	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	06/19/72-06/23/72	5	35.	33.	40.	20.	70.	8.367	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	06/19/72-06/23/72	5	130.	132.	150.	125.	107.5	10.368	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	06/19/72-06/19/72	1	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0222

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	5	0	0.00	5	0	0.00									
		Other-Lo Lim.	6.5	5	0	0.00	5	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	5	0	0.00	5	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	5	0	0.00	5	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	0 &	0	0.00												
		Drinking Water	1300.	5	0	0.00	5	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	5	2	0.40	5	2	0.40									
		Drinking Water	15.	2 &	2	1.00	2	2	1.00									
01092	ZINC, TOTAL	Fresh Acute	120.	5	5	1.00	5	5	1.00									
		Drinking Water	5000.	5	0	0.00	5	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0223

NPS Station ID: CHCH0223
LAT/LON: 35.036670/ -85.325838
Agency: 1113S000
Date Created: / /
Location: TENN R US PIPE EFF TO RIVER
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM
STORET Station ID(s): 470296 /USP-1
RMI-Indexes: 1021500 007720 00920
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 462.00
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001006
RF1 Mile Point: 0.610
Distance from RF1: 23.30
On/Off RF1: ON
RF3 Index: 06020001020900.00
RF3 Mile Point: 0.00
Distance from RF3: 0.21
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0223

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/08/73-03/08/73	2	25.5	25.5	26.	25.	0.5	0.707	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	03/07/73-03/08/73	2	150.	150.	150.	150.	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	03/07/73-03/08/73	2	43.7	43.7	80.	7.4	2635.38	51.336	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	03/07/73-03/08/73	2 ##	132.5	132.5	240.	25.	23112.5	152.028	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/07/73-03/08/73	2	7.95	7.95	8.	7.9	0.005	0.071	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/07/73-03/08/73	2	7.947	7.947	8.	7.9	0.005	0.071	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/07/73-03/08/73	2	0.011	0.011	0.013	0.01	0.	0.002	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	03/07/73-03/08/73	2	763.	763.	833.	693.	9800.	98.995	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/07/73-03/08/73	2	102.	102.	151.	53.	4802.	69.296	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/07/73-03/08/73	2	236.	236.	355.	117.	28322.	168.291	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/07/73-03/08/73	2	527.	527.	716.	338.	71442.	267.286	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/07/73-03/08/73	2	27.	27.	40.	14.	338.	18.385	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/07/73-03/08/73	2	0.42	0.42	0.61	0.23	0.072	0.269	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/07/73-03/08/73	2	0.585	0.585	0.85	0.32	0.14	0.375	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/07/73-03/08/73	2	0.615	0.615	0.71	0.52	0.018	0.134	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/07/73-03/08/73	2	0.05	0.05	0.08	0.02	0.002	0.042	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/07/73-03/08/73	2	32.	32.	60.	4.	1568.	39.598	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/07/73-03/08/73	2 ##	21.	21.	32.	10.	242.	15.556	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	03/07/73-03/08/73	2	32.5	32.5	50.	15.	612.5	24.749	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	03/07/73-03/08/73	2	10770.	10770.	18300.	3240.	113401800.	10649.028	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	03/07/73-03/08/73	2	270.	270.	450.	90.	64800.	254.558	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	03/07/73-03/08/73	2	927.	927.	1100.	754.	59858.	244.659	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	03/07/73-03/08/73	2 ##	40.	40.	40.	40.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	03/07/73-03/08/73	2	632.	632.	1140.	124.	516128.	718.42	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0223

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	2	0	0.00							2	0	0.00			
		Other-Lo Lim.	6.5	2	0	0.00							2	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00							2	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	2	0	0.00							2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0223

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01042	COPPER, TOTAL	Fresh Acute	18.	2	1	0.50							2	1	0.50			
		Drinking Water	1300.	2	0	0.00							2	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	2	2	1.00							2	2	1.00			
		Drinking Water	15.	2	2	1.00							2	2	1.00			
01067	NICKEL, TOTAL	Fresh Acute	1400.	2	0	0.00							2	0	0.00			
		Drinking Water	100.	2	0	0.00							2	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	2	2	1.00							2	2	1.00			
		Drinking Water	5000.	2	0	0.00							2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0224

NPS Station ID: CHCH0224
Location: NICKAJACK RESERVOIR
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes: 1021500 007720 00920
RMI-Miles: 0953.80 0046.50 462.10
HUC: 06020001
Major Basin: TENNESSEE RIVER BASIN
Minor Basin: TENNESSEE RIVER 462.1
RF1 Index: 06020001006
RF3 Index: 06020001000206.82
Description:

LAT/LON: 35.038337/ -85.328060
Depth of Water: 0
Elevation: 0
RF1 Mile Point: 1.010
RF3 Mile Point: 6.93

Agency: 131TVAC
FIPS State/County: 47065 TENNESSEE/HAMILTON
STORET Station ID(s): 475852 /0987
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.08

Date Created: / /
On/Off RF1: ON
On/Off RF3:

Parameter Inventory for Station: CHCH0224

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/21/73-12/20/73	3	1.	1.	1.	1.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/21/73-12/20/73	3	14.7	13.5	17.8	8.	25.09	5.009	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/21/73-12/20/73	3	8.8	8.5	10.	6.7	2.79	1.67	**	**	**	**
00400	PH (STANDARD UNITS)	11/21/73-12/20/73	3	7.1	6.833	7.2	6.2	0.303	0.551	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/21/73-12/20/73	3	7.1	6.589	7.2	6.2	0.393	0.627	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/21/73-12/20/73	3	0.079	0.258	0.631	0.063	0.104	0.323	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/21/73-12/20/73	3	60.	56.	70.	38.	268.	16.371	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	11/21/73-12/20/73	3	0.	0.	0.	0.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/21/73-12/20/73	3	9300.	459966.667	1370000.	600.621139	423333.333	788123.99	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/21/73-12/20/73	3	3.968	4.294	6.137	2.778	2.9	1.703	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			19699.336								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/21/73-12/20/73	3	1300.	22470.	66000.	110.	1421499700.	37702.781	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/21/73-12/20/73	3	3.114	3.325	4.82	2.041	1.963	1.401	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2113.294								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0224

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	3	0	0.00				3	0	0.00						
00400	PH	Fresh Chronic	9.	3	0	0.00				3	0	0.00						
		Other-Lo Lim.	6.5	3	1	0.33				3	1	0.33						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	3	2	0.67				3	2	0.67						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	3	2	0.67				3	2	0.67						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0225

NPS Station ID: CHCH0225
LAT/LON: 35.038337/ -85.428337
Agency: 131TVAC
Date Created: 10/06/79
Location: NICKAJACK RESERVOIR ADJACENT TO TRM 442.5
FIPS State/County: 47115 TENNESSEE/MARION
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 476241
RMI-Indexes: 1021500 007720 00920 5828
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 442.10 000.15
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: CUMMINGS LAKE 0.15
ECO Region:
RF1 Index: 06020001001
RF1 Mile Point: 24.590
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 06020001000100.93
RF3 Mile Point: 1.74
Distance from RF3: 0.08
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0225

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/17/79-09/20/79	9	5.	4.556	9.	1.	7.778	2.789	1.	2.	7.	9.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/17/79-09/20/79	9	22.5	23.589	25.3	22.2	2.054	1.433	22.2	22.4	25.25	25.3
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/17/79-09/20/79	3	6.7	7.6	12.	4.1	16.21	4.026	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/17/79-09/20/79	2	6.5	6.5	8.	5.	4.5	2.121	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/17/79-09/20/79	9	200.	186.667	200.	170.	250.	15.811	170.	170.	200.	200.
00300	OXYGEN, DISSOLVED MG/L	08/17/79-09/20/79	9	8.	7.178	9.1	2.5	5.369	2.317	2.5	5.7	8.75	9.1
00310	BOD, 5 DAY, 20 DEG C MG/L	08/17/79-09/20/79	2	2.85	2.85	3.5	2.2	0.845	0.919	**	**	**	**
00400	PH (STANDARD UNITS)	08/17/79-09/20/79	9	7.6	7.767	8.3	7.3	0.145	0.381	7.3	7.45	8.15	8.3
00400	CONVERTED PH (STANDARD UNITS)	08/17/79-09/20/79	9	7.6	7.637	8.3	7.3	0.164	0.405	7.3	7.45	8.15	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/17/79-09/20/79	9	0.025	0.023	0.05	0.005	0.	0.016	0.005	0.007	0.036	0.05
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/17/79-09/20/79	3	62.	54.	62.	38.	192.	13.856	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/17/79-09/20/79	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/17/79-09/20/79	3	6.	7.	12.	3.	21.	4.583	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/17/79-09/20/79	3	0.14	0.16	0.21	0.13	0.002	0.044	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/17/79-09/20/79	3	0.08	0.17	0.4	0.03	0.04	0.201	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/17/79-09/20/79	3	0.12	0.12	0.14	0.1	0.	0.02	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/17/79-09/20/79	3	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00677	PHOSPHORUS,HYDROLYZABLE + ORTHO,DIS,AUTOANALYZER	08/17/79-09/20/79	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/17/79-09/20/79	3	100.	100.	100.	100.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0225

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	3	0	0.00	3	0	0.00									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	9	2	0.22	9	2	0.22									
00400	PH	Fresh Chronic	9.	9	0	0.00	9	0	0.00									
		Other-Lo Lim.	6.5	9	0	0.00	9	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	0	0.00	3	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0226

NPS Station ID: CHCH0226
LAT/LON: 35.038892/ -85.348615
Agency: 131TVAC
Date Created: / /
Location: NICKAJACK RESERVOIR
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM/SOLIDS
STORET Station ID(s): 475749 /0978
RMI-Indexes: 1021500 007720 00920
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 459.00
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER 459.0
ECO Region:
RF1 Index: 06020001002
RF1 Mile Point: 7.350
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 06020001123700.00
RF3 Mile Point: 2.27
Distance from RF3: 0.32
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0226

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/08/70-12/05/73	51	10.	10.373	30.	1.	79.678	8.926	1.	1.	20.	22.6
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/23/73-12/05/73	48	19.	17.325	26.	7.2	47.711	6.907	7.2	10.6	24.1	25.37
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/23/73-12/05/73	24	10.	11.458	30.	6.	40.607	6.372	6.	7.	13.75	22.5
00080	COLOR (PLATINUM-COBALT UNITS)	01/23/73-12/05/73	24	10.	11.458	30.	5.	46.694	6.833	5.	10.	10.	25.
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	01/23/73-12/05/73	24	30.	34.792	100.	20.	470.607	21.693	20.	25.	33.75	75.
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	01/23/73-12/05/73	24 ##	0.5	0.583	2.	0.5	0.101	0.319	0.5	0.5	0.5	0.75
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/23/73-12/05/73	24	150.	152.917	200.	110.	508.514	22.55	130.	140.	167.5	190.
00300	OXYGEN, DISSOLVED MG/L	01/23/73-12/05/73	46	7.6	7.835	11.7	5.3	3.785	1.946	5.8	6.2	8.85	11.53
00310	BOD, 5 DAY, 20 DEG C MG/L	01/23/73-12/05/73	24 ##	0.5	0.675	1.5	0.5	0.109	0.33	0.5	0.5	0.875	1.35
00335	COD, .025N K2CR2O7 MG/L	01/23/73-12/05/73	24	5.	5.417	10.	2.	4.688	2.165	3.	3.25	7.	8.5
00400	PH (STANDARD UNITS)	01/23/73-12/05/73	24	7.35	7.238	7.6	6.3	0.1	0.316	6.8	7.1	7.4	7.6
00400	CONVERTED PH (STANDARD UNITS)	01/23/73-12/05/73	24	7.347	7.091	7.6	6.3	0.122	0.35	6.8	7.1	7.4	7.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/23/73-12/05/73	24	0.045	0.081	0.501	0.025	0.01	0.099	0.025	0.04	0.079	0.163
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/23/73-12/05/73	24	49.	48.958	58.	37.	31.868	5.645	40.	44.75	54.	56.5
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/23/73-12/05/73	24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/23/73-10/23/73	20	100.	101.	120.	80.	135.789	11.653	81.	92.5	110.	120.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/23/73-12/05/73	24	10.	10.917	19.	3.	16.08	4.01	6.5	8.	13.75	18.
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/23/73-12/05/73	24	0.14	0.121	0.27	0.01	0.005	0.068	0.015	0.065	0.17	0.195
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/23/73-12/05/73	24	0.05	0.051	0.12	0.03	0.	0.02	0.03	0.04	0.06	0.075
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/23/73-12/05/73	24	0.435	0.462	1.2	0.3	0.033	0.183	0.305	0.343	0.518	0.57
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/23/73-12/05/73	24	0.039	0.036	0.088	0.013	0.	0.015	0.02	0.026	0.041	0.051
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/23/73-12/05/73	24	0.02	0.019	0.049	0.005	0.	0.01	0.008	0.013	0.025	0.034
00722	CYANIDE, FREE (AMENABLE TO CHLORINATION) MG/L	01/23/73-12/05/73	24 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
00916	CALCIUM, TOTAL (MG/L AS CA)	01/23/73-12/05/73	24	19.	19.5	23.	16.	5.043	2.246	16.	18.	21.75	22.5
00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/23/73-12/05/73	24	4.25	4.463	5.4	4.	0.209	0.458	4.	4.1	4.775	5.3
00929	SODIUM, TOTAL (MG/L AS NA)	01/23/73-12/05/73	24	4.6	5.067	7.7	3.7	1.421	1.192	3.9	4.325	6.	7.3
00937	POTASSIUM, TOTAL MG/L AS K)	01/23/73-12/05/73	24	1.8	1.792	2.1	1.5	0.041	0.202	1.5	1.6	2.	2.1
00940	CHLORIDE,TOTAL IN WATER MG/L	01/23/73-12/05/73	24	6.	6.458	9.	5.	1.998	1.414	5.	5.25	7.75	9.
00945	SULFATE, TOTAL (MG/L AS SO4)	01/23/73-12/05/73	24	11.	12.333	18.	10.	6.406	2.531	10.	10.	14.75	16.5
00951	FLUORIDE, TOTAL (MG/L AS F)	01/23/73-12/05/73	24	0.07	0.07	0.1	0.05	0.	0.013	0.05	0.06	0.08	0.085
00956	SILICA, TOTAL (MG/L AS SI02)	01/23/73-12/05/73	24	5.1	5.125	6.	4.1	0.304	0.551	4.3	4.725	5.675	5.95
01002	ARSENIC, TOTAL (UG/L AS AS)	01/23/73-12/05/73	24 ##	2.5	2.604	5.	2.5	0.26	0.51	2.5	2.5	2.5	2.5
01007	BARIUM, TOTAL (UG/L AS BA)	01/23/73-12/05/73	24 ##	50.	50.	50.	50.	0.	0.	50.	50.	50.	50.
01012	BERYLLIUM, TOTAL (UG/L AS BE)	01/23/73-12/05/73	24 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01027	CADMIUM, TOTAL (UG/L AS CD)	01/23/73-12/05/73	24 ##	0.5	0.583	2.	0.5	0.101	0.319	0.5	0.5	0.5	0.75
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/23/73-12/05/73	24 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01042	COPPER, TOTAL (UG/L AS CU)	01/23/73-12/05/73	24 ##	5.	12.292	40.	5.	119.52	10.933	5.	5.	20.	30.
01045	IRON, TOTAL (UG/L AS FE)	01/23/73-12/05/73	24	595.	645.417	1400.	340.	75399.819	274.59	365.	415.	785.	1080.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0226

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01046	IRON, DISSOLVED (UG/L AS FE)	01/23/73-12/05/73	24	60.	69.792	150.	25.	1914.085	43.75	25.	25.	117.5	130.
01047	IRON, FERROUS (UG/L AS FE)	01/23/73-12/05/73	24	100.	95.	160.	20.	1913.043	43.738	35.	50.	130.	145.
01051	LEAD, TOTAL (UG/L AS PB)	01/23/73-12/05/73	24 ##	5.	5.458	11.	5.	2.433	1.56	5.	5.	5.	7.5
01055	MANGANESE, TOTAL (UG/L AS MN)	01/23/73-12/05/73	24	80.	77.5	100.	60.	202.174	14.219	60.	62.5	90.	100.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	01/23/73-12/05/73	24	30.	32.917	180.	5.	1260.688	35.506	5.	10.	40.	60.
01067	NICKEL, TOTAL (UG/L AS NI)	01/23/73-12/05/73	24 ##	25.	25.	25.	25.	0.	0.	25.	25.	25.	25.
01077	SILVER, TOTAL (UG/L AS AG)	01/23/73-12/05/73	24 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01092	ZINC, TOTAL (UG/L AS ZN)	01/23/73-12/05/73	24	35.	34.167	60.	5.	197.101	14.039	12.5	30.	40.	55.
01105	ALUMINUM, TOTAL (UG/L AS AL)	01/23/73-12/05/73	24	900.	1045.833	2900.	300.	359981.884	599.985	350.	725.	1275.	1950.
01147	SELENIUM, TOTAL (UG/L AS SE)	01/23/73-12/05/73	24 ##	0.5	1.083	4.	0.5	1.123	1.06	0.5	0.5	1.75	3.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/23/73-12/05/73	14	55.	92.857	310.	5.	10479.67	102.37	5.	20.	142.5	295.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/23/73-12/05/73	14	1.69	1.668	2.491	0.699	0.341	0.584	0.699	1.301	2.14	2.469
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			46.586								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/23/73-12/05/73	14 ##	5.	9.643	40.	5.	121.016	11.001	5.	5.	6.25	35.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/23/73-12/05/73	14 ##	0.699	0.841	1.602	0.699	0.095	0.308	0.699	0.699	0.774	1.54
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			6.927								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/23/73-10/23/73	15	2.	3.467	18.	0.5	22.874	4.783	0.5	0.5	4.	13.2
46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	01/23/73-12/05/73	24	65.	67.083	79.	56.	53.123	7.289	57.	62.	74.25	78.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/07/73-12/05/73	4	80.	80.	110.	50.	866.667	29.439	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	09/08/70-12/05/73	26 ##	0.1	0.215	0.9	0.1	0.047	0.216	0.1	0.1	0.263	0.63
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/08/70-09/08/70	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0226

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	24	0	0.00	11	0	0.00	9	0	0.00	4	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	46	0	0.00	21	0	0.00	17	0	0.00	8	0	0.00			
00400	PH	Fresh Chronic	9.	24	0	0.00	11	0	0.00	9	0	0.00	4	0	0.00			
		Other-Lo Lim.	6.5	24	1	0.04	11	1	0.09	9	0	0.00	4	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	24	0	0.00	11	0	0.00	9	0	0.00	4	0	0.00			
00722	CYANIDE, FREE (AMENABLE TO CHLORINATION)	Fresh Acute	0.022	24	0	0.00	11	0	0.00	9	0	0.00	4	0	0.00			
		Drinking Water	0.2	24	0	0.00	11	0	0.00	9	0	0.00	4	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	24	0	0.00	11	0	0.00	9	0	0.00	4	0	0.00			
		Drinking Water	250.	24	0	0.00	11	0	0.00	9	0	0.00	4	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	24	0	0.00	11	0	0.00	9	0	0.00	4	0	0.00			
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	24	0	0.00	11	0	0.00	9	0	0.00	4	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	24	0	0.00	11	0	0.00	9	0	0.00	4	0	0.00			
		Drinking Water	50.	24	0	0.00	11	0	0.00	9	0	0.00	4	0	0.00			
01007	BARIUM, TOTAL	Drinking Water	2000.	24	0	0.00	11	0	0.00	9	0	0.00	4	0	0.00			
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	24	0	0.00	11	0	0.00	9	0	0.00	4	0	0.00			
		Drinking Water	4.	0 &	0	0.00												
01027	CADMIUM, TOTAL	Fresh Acute	3.9	24	0	0.00	11	0	0.00	9	0	0.00	4	0	0.00			
		Drinking Water	5.	24	0	0.00	11	0	0.00	9	0	0.00	4	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	24	0	0.00	11	0	0.00	9	0	0.00	4	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	24	8	0.33	11	5	0.45	9	1	0.11	4	2	0.50			
		Drinking Water	1300.	24	0	0.00	11	0	0.00	9	0	0.00	4	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	24	0	0.00	11	0	0.00	9	0	0.00	4	0	0.00			
		Drinking Water	15.	24	0	0.00	11	0	0.00	9	0	0.00	4	0	0.00			
01067	NICKEL, TOTAL	Fresh Acute	1400.	24	0	0.00	11	0	0.00	9	0	0.00	4	0	0.00			
		Drinking Water	100.	24	0	0.00	11	0	0.00	9	0	0.00	4	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	100.	24	0	0.00	11	0	0.00	9	0	0.00	4	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	24	0	0.00	11	0	0.00	9	0	0.00	4	0	0.00			
		Drinking Water	5000.	24	0	0.00	11	0	0.00	9	0	0.00	4	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	24	0	0.00	11	0	0.00	9	0	0.00	4	0	0.00			
		Drinking Water	50.	24	0	0.00	11	0	0.00	9	0	0.00	4	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	14	0	0.00	7	0	0.00	5	0	0.00	2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0226

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	14	0	0.00	7	0	0.00	5	0	0.00	2	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	26	0	0.00	13	0	0.00	9	0	0.00	4	0	0.00			
		Drinking Water	2.	26	0	0.00	13	0	0.00	9	0	0.00	4	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0227

NPS Station ID: CHCH0227 LAT/LON: 35.039170/ -85.348615 Agency: 21TNWQ Date Created: 10/26/84
Location: TENNESSEE RIVER 459.0 MOCCASIN BEND QUAD 105SE FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM/TISSUE STORET Station ID(s): TISSUE40
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: TENNESSEE RIVER Elevation: 0 Water Body Id:
Minor Basin: TENNESSEE RIVER ECO Region:
RF1 Index: 06020001002 RF1 Mile Point: 7.350 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 06020001026700.00 RF3 Mile Point: 4.42 Distance from RF3: 0.03 On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0227

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00023	SAMPLE WEIGHT IN POUNDS	06/07/83-06/07/83	1	181.	181.	181.	181.	0.	0.	**	**	**	**
00024	SAMPLE LENGTH IN INCHES	06/07/83-06/07/83	1	27.	27.	27.	27.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	06/07/83-06/07/83	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	06/07/83-06/07/83	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	06/07/83-06/07/83	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	06/07/83-06/07/83	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	06/07/83-06/07/83	1	1.	1.	1.	1.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	06/07/83-06/07/83	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	06/07/83-06/07/83	1	1.	1.	1.	1.	0.	0.	**	**	**	**
81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	06/07/83-06/07/83	1	1.	1.	1.	1.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0227

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	1	0	0.00	1	0	0.00									
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0228

NPS Station ID: CHCH0228
LAT/LON: 35.039449/ -85.326948
Agency: 1113S000
Date Created: / /
Location: TENN R COMBUSTION ENGINEERING E
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM
STORET Station ID(s): 470302 /TR-COMB-1
RMI-Indexes: 1021500 007720 00920
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 462.10
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001006
RF1 Mile Point: 1.010
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 06020001000600.90
RF3 Mile Point: 1.15
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0228

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/07/73-03/07/73	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	03/07/73-03/08/73	2	50.	50.	50.	50.	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	03/07/73-03/08/73	2 ##	3.	3.	4.	2.	2.	1.414	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	03/07/73-03/08/73	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/07/73-03/08/73	2	7.8	7.8	8.	7.6	0.08	0.283	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/07/73-03/08/73	2	7.755	7.755	8.	7.6	0.084	0.29	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/07/73-03/08/73	2	0.018	0.018	0.025	0.01	0.	0.011	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	03/07/73-03/08/73	2	172.	172.	194.	150.	968.	31.113	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/07/73-03/08/73	2	29.	29.	37.	21.	128.	11.314	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/07/73-03/08/73	2	147.5	147.5	148.	147.	0.5	0.707	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/07/73-03/08/73	2	24.5	24.5	46.	3.	924.5	30.406	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/07/73-03/08/73	2	10.	10.	17.	3.	98.	9.899	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/07/73-03/08/73	2	0.12	0.12	0.21	0.03	0.016	0.127	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/07/73-03/08/73	2	0.525	0.525	0.95	0.1	0.361	0.601	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/07/73-03/08/73	2	0.575	0.575	0.64	0.51	0.008	0.092	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/07/73-03/08/73	2	0.265	0.265	0.45	0.08	0.068	0.262	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/07/73-03/08/73	2	6.5	6.5	11.	2.	40.5	6.364	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/07/73-03/08/73	2 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	03/07/73-03/08/73	2 ##	21.5	21.5	38.	5.	544.5	23.335	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	03/07/73-03/08/73	2	2272.5	2272.5	4370.	175.	8799012.5	2966.313	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	03/07/73-03/08/73	2 ##	212.5	212.5	375.	50.	52812.5	229.81	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	03/07/73-03/08/73	2	136.5	136.5	248.	25.	24864.5	157.685	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	03/07/73-03/08/73	2 ##	40.	40.	40.	40.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	03/07/73-03/08/73	2	552.5	552.5	910.	195.	255612.5	505.581	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0228

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	2	0	0.00							2	0	0.00			
		Other-Lo Lim.	6.5	2	0	0.00							2	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00							2	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	2	0	0.00							2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0228

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01042	COPPER, TOTAL	Fresh Acute	18.	2	1	0.50							2	1	0.50			
		Drinking Water	1300.	2	0	0.00							2	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	2	1	0.50							2	1	0.50			
		Drinking Water	15.	1 &	1	1.00							1	1	1.00			
01067	NICKEL, TOTAL	Fresh Acute	1400.	2	0	0.00							2	0	0.00			
		Drinking Water	100.	2	0	0.00							2	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	2	2	1.00							2	2	1.00			
		Drinking Water	5000.	2	0	0.00							2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0229

NPS Station ID: CHCH0229
LAT/LON: 35.044448/ -85.210560
Agency: 131TVAC
Date Created: / /
Location: AT MOUTH OF UNNAMED TRIBUTARY
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475735 /2660
RMI-Indexes: 1021500 007720 00920 6180
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 009.10
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: SOUTH CHICKAMAUGA CREEK 9.1
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 25.20
On/Off RF1:
RF3 Index: 06020001124700.88
RF3 Mile Point: 1.20
Distance from RF3: 0.10
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0229

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/25/72-09/26/72	7	1.	1.	1.	1.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/25/72-09/26/72	7	22.5	22.629	23.	22.2	0.136	0.368	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/25/72-09/25/72	1	158.	158.	158.	158.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/25/72-09/26/72	7	4.7	4.614	4.8	4.3	0.038	0.195	**	**	**	**
00303	BOD, 1DAY, 20 DEG C MG/L	09/25/72-09/26/72	7	1.2	1.529	3.4	1.	0.706	0.84	**	**	**	**
00304	BOD, 2 DAY, 20 DEG C MG/L	09/25/72-09/26/72	7	2.3	2.771	5.3	1.8	1.452	1.205	**	**	**	**
00305	BOD, 3 DAY, 20 DEG C MG/L	09/25/72-09/26/72	7	3.1	3.6	6.5	2.5	1.9	1.378	**	**	**	**
00306	BOD, 4 DAY, 20 DEG C MG/L	09/25/72-09/26/72	7	4.	4.171	7.1	2.9	2.126	1.458	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/25/72-09/26/72	7	4.7	4.943	7.9	3.8	2.003	1.415	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/25/72-09/26/72	7	0.54	0.554	0.69	0.45	0.006	0.081	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/25/72-09/26/72	7	0.58	0.52	0.62	0.38	0.01	0.098	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/25/72-09/26/72	7	0.22	0.196	0.24	0.12	0.003	0.052	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/25/72-09/26/72	7	0.59	0.594	0.66	0.55	0.001	0.033	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0229

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	7	0	0.00	7	0	0.00									
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	7	0	0.00	7	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	7	0	0.00	7	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0230

NPS Station ID: CHCH0230
LAT/LON: 35.044726/ -85.308893
Agency: 1119ORPF
Date Created: / /
Location: RGN 4
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /AMBNT/ESTURY
STORET Station ID(s): PMN407 /009006541
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: CHATTANOAGA
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 06020001006
RF1 Mile Point: 3.210
Distance from RF1: 17.50
On/Off RF1: ON
RF3 Index: 06020001010400.00
RF3 Mile Point: 1.40
Distance from RF3: 0.25
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0230

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
85508	BARIUM-LANTHANUM IN PASTEURIZED MILK (PC/L)	01/06/69-01/07/74	119	2.	2.689	9.	0.	7.606	2.758	0.	0.	5.	7.
85509	BARIUM-LANTHANUM, COUNTING ERROR IN MILK (PC/L)	01/06/69-01/07/74	119	8.	6.479	17.	0.	11.387	3.375	0.	8.	8.	8.
85510	CARBON-14 IN PASTEURIZED MILK (PC/L)	01/04/71-01/04/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
85511	CARBON-14, COUNTING ERROR IN MILK (PC/L)	01/04/71-01/04/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
85514	CESIUM-137 IN PASTEURIZED MILK (PC/L)	01/06/69-01/07/74	119	13.	12.681	29.	0.	29.084	5.393	6.	9.	16.	19.
85515	CESIUM-137, COUNTING ERROR IN MILK (PC/L)	01/06/69-01/07/74	119	7.	5.689	15.	0.	8.809	2.968	0.	7.	7.	7.
85516	IODINE-131 IN PASTEURIZED MILK (PC/L)	01/06/69-01/07/74	119	3.	3.21	22.	0.	10.286	3.207	0.	0.	5.	7.
85517	IODINE-131, COUNTING ERROR IN MILK (PC/L)	01/06/69-01/07/74	119	7.	5.647	13.	0.	8.434	2.904	0.	7.	7.	7.
85520	POTASSIUM-40 IN PASTEURIZED MILK (GM/L)	01/06/69-01/07/74	119	1.5	1.499	1.7	1.31	0.007	0.081	1.4	1.45	1.56	1.6
85521	POTASSIUM-40, COUNTING ERROR IN MILK (GM/L)	01/06/69-01/07/74	119	0.12	0.097	0.22	0.	0.002	0.05	0.	0.12	0.12	0.12
85526	STRONTIUM-89 IN PASTUERIZED MILK (PC/L)	01/06/69-07/02/73	37	2.	2.432	8.	0.	5.363	2.316	0.	0.	4.	6.2
85527	STRONTIUM-89, COUNTING ERROR IN MILK (PC/L)	01/06/69-07/02/73	37	0.	1.703	10.	0.	6.881	2.623	0.	0.	5.	5.
85528	STRONTIUM-90 IN PASTUERIZED MILK (PC/L)	01/06/69-07/02/73	37	9.	9.351	14.	5.	3.845	1.961	6.8	8.	11.	12.
85529	STRONTIUM-90, COUNTING ERROR IN MILK (PC/L)	01/06/69-07/02/73	37	0.	0.562	2.	0.	0.47	0.686	0.	0.	1.	2.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Annual Analysis for 1969 - Station CHCH0230

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
85508	BARIUM-LANTHANUM IN PASTEURIZED MILK (PC/L)	01/06/69-01/07/74	52	2.	2.385	9.	0.	6.398	2.529	0.	0.	4.	6.7
85509	BARIUM-LANTHANUM, COUNTING ERROR IN MILK (PC/L)	01/06/69-01/07/74	52	8.	4.481	17.	0.	19.078	4.368	0.	0.	8.	8.
85514	CESIUM-137 IN PASTEURIZED MILK (PC/L)	01/06/69-01/07/74	52	14.	14.635	29.	1.	32.433	5.695	9.	11.	18.	21.7
85515	CESIUM-137, COUNTING ERROR IN MILK (PC/L)	01/06/69-01/07/74	52	7.	3.942	15.	0.	14.801	3.847	0.	0.	7.	7.
85516	IODINE-131 IN PASTEURIZED MILK (PC/L)	01/06/69-01/07/74	52	3.	2.981	9.	0.	8.098	2.846	0.	0.	5.75	7.
85517	IODINE-131, COUNTING ERROR IN MILK (PC/L)	01/06/69-01/07/74	52	7.	3.885	13.	0.	13.869	3.724	0.	0.	7.	7.
85520	POTASSIUM-40 IN PASTEURIZED MILK (GM/L)	01/06/69-01/07/74	52	1.53	1.535	1.7	1.39	0.005	0.073	1.429	1.5	1.59	1.627
85521	POTASSIUM-40, COUNTING ERROR IN MILK (GM/L)	01/06/69-01/07/74	52	0.12	0.067	0.22	0.	0.004	0.064	0.	0.	0.12	0.12

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1970 - Station CHCH0230

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
85508	BARIUM-LANTHANUM IN PASTEURIZED MILK (PC/L)	01/06/69-01/07/74	29	2.	2.414	9.	0.	7.251	2.693	0.	0.	4.	7.
85509	BARIUM-LANTHANUM, COUNTING ERROR IN MILK (PC/L)	01/06/69-01/07/74	29	8.	8.	8.	8.	0.	0.	8.	8.	8.	8.
85514	CESIUM-137 IN PASTEURIZED MILK (PC/L)	01/06/69-01/07/74	29	14.	12.552	19.	1.	22.756	4.77	6.	8.5	16.	18.
85515	CESIUM-137, COUNTING ERROR IN MILK (PC/L)	01/06/69-01/07/74	29	7.	7.103	8.	7.	0.096	0.31	7.	7.	7.	8.
85516	IODINE-131 IN PASTEURIZED MILK (PC/L)	01/06/69-01/07/74	29	3.	2.759	8.	0.	5.19	2.278	0.	0.	4.	6.
85517	IODINE-131, COUNTING ERROR IN MILK (PC/L)	01/06/69-01/07/74	29	7.	7.	7.	7.	0.	0.	7.	7.	7.	7.
85520	POTASSIUM-40 IN PASTEURIZED MILK (GM/L)	01/06/69-01/07/74	29	1.5	1.493	1.6	1.4	0.004	0.059	1.4	1.5	1.5	1.6
85521	POTASSIUM-40, COUNTING ERROR IN MILK (GM/L)	01/06/69-01/07/74	29	0.12	0.121	0.13	0.12	0.	0.003	0.12	0.12	0.12	0.13

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1971 - Station CHCH0230

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
85508	BARIUM-LANTHANUM IN PASTEURIZED MILK (PC/L)	01/06/69-01/07/74	12	0.	1.083	4.	0.	2.265	1.505	0.	0.	2.75	3.7
85509	BARIUM-LANTHANUM, COUNTING ERROR IN MILK (PC/L)	01/06/69-01/07/74	12	8.	8.	8.	8.	0.	0.	8.	8.	8.	8.
85514	CESIUM-137 IN PASTEURIZED MILK (PC/L)	01/06/69-01/07/74	12	13.	12.5	19.	7.	9.545	3.09	7.6	10.25	14.	17.8
85515	CESIUM-137, COUNTING ERROR IN MILK (PC/L)	01/06/69-01/07/74	12	7.	7.	7.	7.	0.	0.	7.	7.	7.	7.
85516	IODINE-131 IN PASTEURIZED MILK (PC/L)	01/06/69-01/07/74	12	3.5	3.583	8.	0.	7.174	2.678	0.	0.75	5.75	7.7
85517	IODINE-131, COUNTING ERROR IN MILK (PC/L)	01/06/69-01/07/74	12	7.	7.	7.	7.	0.	0.	7.	7.	7.	7.
85520	POTASSIUM-40 IN PASTEURIZED MILK (GM/L)	01/06/69-01/07/74	12	1.48	1.473	1.6	1.36	0.004	0.06	1.372	1.435	1.5	1.573
85521	POTASSIUM-40, COUNTING ERROR IN MILK (GM/L)	01/06/69-01/07/74	12	0.12	0.12	0.12	0.12	0.	0.	0.12	0.12	0.12	0.12

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station CHCH0230

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
85508	BARIUM-LANTHANUM IN PASTEURIZED MILK (PC/L)	01/06/69-01/07/74	13	5.	4.615	9.	0.	9.923	3.15	0.	2.	8.	8.6
85509	BARIUM-LANTHANUM, COUNTING ERROR IN MILK (PC/L)	01/06/69-01/07/74	13	8.	8.	8.	8.	0.	0.	8.	8.	8.	8.
85514	CESIUM-137 IN PASTEURIZED MILK (PC/L)	01/06/69-01/07/74	13	11.	11.385	18.	6.	10.756	3.28	7.2	9.	14.	17.2
85515	CESIUM-137, COUNTING ERROR IN MILK (PC/L)	01/06/69-01/07/74	13	7.	7.	7.	7.	0.	0.	7.	7.	7.	7.
85516	IODINE-131 IN PASTEURIZED MILK (PC/L)	01/06/69-01/07/74	13	4.	5.385	22.	0.	32.423	5.694	0.4	1.5	7.	16.8
85517	IODINE-131, COUNTING ERROR IN MILK (PC/L)	01/06/69-01/07/74	13	7.	7.	7.	7.	0.	0.	7.	7.	7.	7.
85520	POTASSIUM-40 IN PASTEURIZED MILK (GM/L)	01/06/69-01/07/74	13	1.41	1.4	1.48	1.32	0.002	0.046	1.332	1.36	1.435	1.468
85521	POTASSIUM-40, COUNTING ERROR IN MILK (GM/L)	01/06/69-01/07/74	13	0.12	0.12	0.12	0.12	0.	0.	0.12	0.12	0.12	0.12

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1973 - Station CHCH0230

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
85508	BARIUM-LANTHANUM IN PASTEURIZED MILK (PC/L)	01/06/69-01/07/74	12	5.5	4.417	8.	0.	8.629	2.937	0.	1.	6.	8.
85509	BARIUM-LANTHANUM, COUNTING ERROR IN MILK (PC/L)	01/06/69-01/07/74	12	8.	8.167	9.	8.	0.152	0.389	8.	8.	8.	9.
85514	CESIUM-137 IN PASTEURIZED MILK (PC/L)	01/06/69-01/07/74	12	8.5	6.75	12.	0.	18.568	4.309	0.3	1.5	10.	11.7
85515	CESIUM-137, COUNTING ERROR IN MILK (PC/L)	01/06/69-01/07/74	12	7.	7.	7.	7.	0.	0.	7.	7.	7.	7.
85516	IODINE-131 IN PASTEURIZED MILK (PC/L)	01/06/69-01/07/74	12	1.	2.417	9.	0.	9.538	3.088	0.	0.	4.5	8.4
85517	IODINE-131, COUNTING ERROR IN MILK (PC/L)	01/06/69-01/07/74	12	7.	7.083	8.	7.	0.083	0.289	7.	7.	7.	7.7
85520	POTASSIUM-40 IN PASTEURIZED MILK (GM/L)	01/06/69-01/07/74	12	1.52	1.487	1.64	1.31	0.012	0.107	1.328	1.393	1.573	1.631
85521	POTASSIUM-40, COUNTING ERROR IN MILK (GM/L)	01/06/69-01/07/74	12	0.12	0.121	0.13	0.12	0.	0.003	0.12	0.12	0.12	0.127

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station CHCH0230

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
85508	BARIUM-LANTHANUM IN PASTEURIZED MILK (PC/L)	01/06/69-01/07/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
85509	BARIUM-LANTHANUM, COUNTING ERROR IN MILK (PC/L)	01/06/69-01/07/74	1	8.	8.	8.	8.	0.	0.	**	**	**	**
85514	CESIUM-137 IN PASTEURIZED MILK (PC/L)	01/06/69-01/07/74	1	5.	5.	5.	5.	0.	0.	**	**	**	**
85515	CESIUM-137, COUNTING ERROR IN MILK (PC/L)	01/06/69-01/07/74	1	7.	7.	7.	7.	0.	0.	**	**	**	**
85516	IODINE-131 IN PASTEURIZED MILK (PC/L)	01/06/69-01/07/74	1	5.	5.	5.	5.	0.	0.	**	**	**	**
85517	IODINE-131, COUNTING ERROR IN MILK (PC/L)	01/06/69-01/07/74	1	7.	7.	7.	7.	0.	0.	**	**	**	**
85520	POTASSIUM-40 IN PASTEURIZED MILK (GM/L)	01/06/69-01/07/74	1	1.58	1.58	1.58	1.58	0.	0.	**	**	**	**
85521	POTASSIUM-40, COUNTING ERROR IN MILK (GM/L)	01/06/69-01/07/74	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: CHCH0231

NPS Station ID: CHCH0231
LAT/LON: 35.045837/ -85.206116
Agency: 21TNWQ
Date Created: / /
Location: SOUTH CHICKAMAUGA CREEK
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 002420 /332420 /232420
RMI-Indexes: 1021500 007720 00920 6180
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 008.60
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE CREEK
ECO Region:
RF1 Index: 06020001007
RF1 Mile Point: 7.100
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 06020001001101.54
RF3 Mile Point: 1.53
Distance from RF3: 0.06
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0231

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/15/64-08/17/64	10	24.	23.6	26.	20.	3.6	1.897	20.2	22.	25.	25.9
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/15/64-08/17/64	10	31.	62.2	176.	15.	3296.844	57.418	15.4	20.5	102.	172.8
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	06/15/64-08/17/64	10	171.5	293.	688.	49.	52225.778	228.53	54.8	107.	509.25	673.2
00300	OXYGEN, DISSOLVED MG/L	06/15/64-08/17/64	10	5.6	5.72	7.6	4.3	1.173	1.083	4.35	4.95	6.3	7.59
00310	BOD, 5 DAY, 20 DEG C MG/L	06/15/64-08/17/64	10	4.1	4.01	5.9	0.7	2.294	1.515	0.89	3.275	5.125	5.86
00403	PH, LAB, STANDARD UNITS SU	06/15/64-08/17/64	10	7.2	7.21	7.4	7.	0.025	0.16	7.	7.075	7.4	7.4
00403	CONVERTED PH, LAB, STANDARD UNITS	06/15/64-08/17/64	10	7.2	7.184	7.4	7.	0.026	0.162	7.	7.075	7.4	7.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/15/64-08/17/64	10	0.063	0.065	0.1	0.04	0.001	0.024	0.04	0.04	0.085	0.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0231

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	10	4	0.40	10	4	0.40									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	10	0	0.00	10	0	0.00									
00403	PH, LAB	Fresh Chronic	9.	10	0	0.00	10	0	0.00									
		Other-Lo Lim.	6.5	10	0	0.00	10	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0232

NPS Station ID: CHCH0232 LAT/LON: 35.046116/ -85.205282 Agency: 131TVAC Date Created: / /
Location: TRIBUTARY TO SOUTH CHICKAMAUGA CREEK 8.8 FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 475738 /2693
RMI-Indexes: 1021500 007720 00920 6180 0230 Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 008.80 000.01
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: TENNESSEE RIVER BASIN Elevation: 0 Water Body Id:
Minor Basin: FRIAR BRANCH 0.01 ECO Region:
RF1 Index: 06020001 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 06020001000703.50 RF3 Mile Point: 3.73 Distance from RF3: 0.02 On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0232

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/25/72-09/26/72	3	1.	1.	1.	1.	0.	0.	**	**	**	**
00303	BOD, 1DAY, 20 DEG C MG/L	09/25/72-09/26/72	3	2.	1.967	2.	1.9	0.003	0.058	**	**	**	**
00304	BOD, 2 DAY, 20 DEG C MG/L	09/25/72-09/26/72	3	4.4	4.367	4.5	4.2	0.023	0.153	**	**	**	**
00305	BOD, 3 DAY, 20 DEG C MG/L	09/25/72-09/26/72	3	5.5	5.467	5.7	5.2	0.063	0.252	**	**	**	**
00306	BOD, 4 DAY, 20 DEG C MG/L	09/25/72-09/26/72	3	6.2	6.3	6.9	5.8	0.31	0.557	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/25/72-09/26/72	3	7.6	7.667	8.4	7.	0.493	0.702	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/25/72-09/26/72	3	1.8	1.85	3.5	0.25	2.643	1.626	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/25/72-09/26/72	3	21.	21.	24.	18.	9.	3.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/25/72-09/26/72	3	1.8	1.733	1.8	1.6	0.013	0.115	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/25/72-09/26/72	3	20.	19.667	21.	18.	2.333	1.528	**	**	**	**
70001	COMPOSITE LOCATION IN A CROSS SECTION	09/25/72-09/26/72	3	5.	6.667	11.	4.	14.333	3.786	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0232

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	3	3	1.00	3	3	1.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	3	3	1.00	3	3	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0233

NPS Station ID: CHCH0233
LAT/LON: 35.046392/ -85.201392
Agency: 131TVAC
Date Created: / /
Location: AIRPORT ROAD BRIDGE
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475351 /2696
RMI-Indexes: 1021500 007720 00920 6180 0230
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 008.80 000.35
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: FRIAR BRANCH 0.35
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 1.30
On/Off RF1:
RF3 Index: 06020001000700.00
RF3 Mile Point: 3.32
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0233

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/06/67-09/26/72	14	1.	0.929	1.	0.	0.071	0.267	0.5	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/06/67-09/26/72	14	19.1	18.229	26.8	6.1	34.744	5.894	8.75	12.75	22.775	25.75
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/26/69-09/26/72	12	5.5	11.833	37.	3.	141.424	11.892	3.	3.25	24.	34.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/26/69-12/02/69	11	25.	159.364	600.	8.	46837.455	216.42	8.4	10.	325.	580.
00080	COLOR (PLATINUM-COBALT UNITS)	09/06/67-12/02/69	13	20.	19.615	40.	2.5	167.548	12.944	2.5	5.	27.5	40.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/26/69-12/02/69	11	920.	872.727	1400.	400.	125861.818	354.77	402.	620.	1100.	1400.
00300	OXYGEN, DISSOLVED MG/L	09/06/67-09/26/72	14	7.	7.071	11.	3.3	5.518	2.349	3.55	5.575	8.75	10.7
00303	BOD, 1DAY, 20 DEG C MG/L	09/26/72-09/26/72	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00304	BOD, 2 DAY, 20 DEG C MG/L	09/06/67-09/26/72	3	5.3	8.767	16.	5.	39.263	6.266	**	**	**	**
00305	BOD, 3 DAY, 20 DEG C MG/L	09/26/72-09/26/72	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00306	BOD, 4 DAY, 20 DEG C MG/L	09/26/72-09/26/72	1	23.	23.	23.	23.	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/06/67-09/26/72	14	6.6	8.05	27.	1.5	49.457	7.033	1.55	2.	10.75	22.
00335	COD, .025N K2CR2O7 MG/L	05/20/69-12/02/69	8	33.5	36.125	66.	20.	222.696	14.923	**	**	**	**
00400	PH (STANDARD UNITS)	09/06/67-12/02/69	12	8.2	8.217	9.1	7.4	0.262	0.511	7.46	7.725	8.6	9.01
00400	CONVERTED PH (STANDARD UNITS)	09/06/67-12/02/69	12	8.2	7.962	9.1	7.4	0.332	0.576	7.46	7.725	8.6	9.01
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/06/67-12/02/69	12	0.006	0.011	0.04	0.001	0.	0.012	0.001	0.003	0.021	0.035
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/26/69-12/02/69	10	150.	147.2	220.	83.	1296.844	36.012	86.6	127.25	162.5	215.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	02/26/69-12/02/69	10	0.	4.8	28.	0.	91.733	9.578	0.	0.	7.	26.8
00500	RESIDUE, TOTAL (MG/L)	09/06/67-11/03/69	3	670.	546.667	770.	200.	92633.333	304.357	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/06/67-11/03/69	3	640.	490.	730.	100.	116100.	340.735	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/06/67-09/26/72	14	1.04	14.246	140.	0.02	1363.949	36.932	0.05	0.258	8.875	83.5
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/06/67-09/26/72	14	38.	58.971	300.	7.7	5640.622	75.104	8.55	15.875	79.5	195.
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/06/67-09/26/72	14	1.1	2.277	13.	0.04	11.604	3.406	0.095	0.283	2.775	9.05
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/06/67-09/26/72	14	37.5	50.27	190.	0.18	2646.815	51.447	1.89	12.025	78.25	140.
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/26/69-12/02/69	11	0.323	0.449	2.086	0.108	0.308	0.555	0.118	0.186	0.391	1.767
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	02/26/69-12/02/69	11	0.163	0.201	0.456	0.059	0.014	0.117	0.062	0.121	0.284	0.425
00929	SODIUM, TOTAL (MG/L AS NA)	11/03/69-11/03/69	1	26.	26.	26.	26.	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	11/03/69-11/03/69	1	4.6	4.6	4.6	4.6	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/03/69-11/03/69	1	110.	110.	110.	110.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/06/67-11/03/69	3	36.	34.	43.	23.	103.	10.149	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	11/03/69-11/03/69	1	0.23	0.23	0.23	0.23	0.	0.	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	11/03/69-11/03/69	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/06/67-12/02/69	10	11150.	40390.	290000.	700.	7826352111.111	88466.672	840.	2550.	28750.	264400.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/06/67-12/02/69	10	4.002	3.996	5.462	2.845	0.562	0.75	2.893	3.404	4.456	5.369
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			9913.763								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/06/67-12/02/69	11	800.	2206.818	14300.	5.	17299981.364	4159.325	28.	270.	2200.	12200.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/06/67-12/02/69	11	2.903	2.77	4.155	0.699	0.79	0.889	0.975	2.431	3.342	4.04
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			589.215								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0233

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/16/69-12/02/69	6	10.	80.	330.	10.	16600.	128.841	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0233

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	11	5	0.45	5	4	0.80	3	1	0.33	3	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	14	2	0.14	8	2	0.25	3	0	0.00	3	0	0.00			
00400	PH	Fresh Chronic	9.	12	1	0.08	6	0	0.00	3	0	0.00	3	1	0.33			
		Other-Lo Lim.	6.5	12	0	0.00	6	0	0.00	3	0	0.00	3	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	14	8	0.57	8	5	0.63	3	2	0.67	3	1	0.33			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	14	11	0.79	8	5	0.63	3	3	1.00	3	3	1.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
		Drinking Water	250.	1	0	0.00				1	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	3	0	0.00	2	0	0.00	1	0	0.00						
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	1	0	0.00				1	0	0.00						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	10	9	0.90	5	5	1.00	2	1	0.50	3	3	1.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	11	9	0.82	5	5	1.00	3	2	0.67	3	2	0.67			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0234

NPS Station ID: CHCH0234
LAT/LON: 35.046670/ -85.201392
Agency: 1113S000
Date Created: / /
Location: FRIARS BR AT AIRPORT ROAD BRIDGE
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 480165 /TR-FB-6
RMI-Indexes: 1021500 007720 00920 6180 0230
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 008.70 000.30
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001007
RF1 Mile Point: 7.100
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 06020001000709.35
RF3 Mile Point: 12.37
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0234

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/15/68-10/17/68	3	21.	21.667	23.5	20.5	2.583	1.607	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	10/15/68-10/16/68	2	5.	5.	5.	5.	0.	0.	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	10/15/68-10/15/68	1	47.9	47.9	47.9	47.9	0.	0.	**	**	**	**
00380	CHLORINE DEMAND, 24 HOUR (MG/L)	10/15/68-10/15/68	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/16/68-10/17/68	2	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/16/68-10/17/68	2	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/16/68-10/17/68	2	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/16/68-10/17/68	2	228.5	228.5	238.	219.	180.5	13.435	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/15/68-10/17/68	3	102.	100.	105.	93.	39.	6.245	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/15/68-10/17/68	3	102.	102.167	108.	96.5	33.083	5.752	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/15/68-10/17/68	3	73.	73.667	80.	68.	36.333	6.028	**	**	**	**
00685	CARBON, TOTAL INORGANIC (MG/L AS C)	10/15/68-10/15/68	1	2.	2.	2.	2.	0.	0.	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	10/16/68-10/17/68	2	10.	10.	15.	5.	50.	7.071	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0234

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	3	1.00	3	3	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0235

NPS Station ID: CHCH0235
LAT/LON: 35.046949/ -85.199726
Agency: 1113S000
Date Created: / /
Location: FRIARS BR NR NEW AIRPORT RD BRDG
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 470090 /TR-F-01
RMI-Indexes: 1021500 007720 00920 6180 0230
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 465.90 008.70 000.30
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001007
RF1 Mile Point: 7.100
Distance from RF1: 9.50
On/Off RF1: OFF
RF3 Index: 06020001124001.53
RF3 Mile Point: 1.99
Distance from RF3: 0.07
On/Off RF3:
Description:
FRIAR BRANCH AT MILE 0.3 ON UPSTREAM SIDE OF NEW AIRPORT ROAD BRIDGE. FRIAR BRANCH IS TRIBUTARY TO SOUTH CHICKAMAUGA CREEK AT MILE 8.7. STUDY CONDUCTED BY CREW FROM SOUTHEAST WATER LABORATORY IN JUNE 1972.
CHARLES SWEATT-PROJECT ENGINEER; TOM BENNETT-CHEMIST.

Parameter Inventory for Station: CHCH0235

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/72-06/24/72	4	17.5	17.75	20.	16.	2.917	1.708	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/20/72-06/23/72	4	6.65	6.525	6.8	6.	0.129	0.359	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	06/21/72-06/24/72	4	6.25	6.225	9.	3.4	5.962	2.442	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/20/72-06/24/72	5	7.3	7.32	7.9	6.8	0.172	0.415	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/20/72-06/24/72	5	7.3	7.178	7.9	6.8	0.197	0.444	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/20/72-06/24/72	5	0.05	0.066	0.158	0.013	0.003	0.057	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	06/20/72-06/24/72	5	581.	575.6	717.	346.	23649.8	153.785	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	06/20/72-06/24/72	5	568.	507.2	709.	72.	67534.7	259.874	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/20/72-06/24/72	5	20.	68.4	274.	4.	13307.3	115.357	**	**	**	**
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	06/22/72-06/22/72	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/20/72-06/24/72	5	11.1	11.9	20.2	1.4	54.89	7.409	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/20/72-06/24/72	5	16.	14.952	26.	1.76	77.572	8.807	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/20/72-06/24/72	5	16.4	16.606	27.2	1.53	98.919	9.946	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/20/72-06/24/72	5	0.25	0.264	0.35	0.22	0.003	0.05	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/20/72-06/24/72	5	6.	6.2	10.	3.	8.2	2.864	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	06/23/72-06/24/72	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	06/23/72-06/24/72	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	06/23/72-06/24/72	2	325.	325.	350.	300.	1250.	35.355	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	06/23/72-06/24/72	2 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	06/23/72-06/24/72	2	57.5	57.5	70.	45.	312.5	17.678	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	06/23/72-06/24/72	2 ##	17.5	17.5	30.	5.	312.5	17.678	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/22/72-06/22/72	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0235

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00	4	0	0.00									
00403	PH, LAB	Fresh Chronic	9.	5	0	0.00	5	0	0.00									
		Other-Lo Lim.	6.5	5	0	0.00	5	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	5	4	0.80	5	4	0.80									
01034	CHROMIUM, TOTAL	Drinking Water	100.	2	0	0.00	2	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	0 &	0	0.00												
		Drinking Water	1300.	2	0	0.00	2	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	2	0	0.00	2	0	0.00									
		Drinking Water	15.	0 &	0	0.00												
01092	ZINC, TOTAL	Fresh Acute	120.	2	0	0.00	2	0	0.00									
		Drinking Water	5000.	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0236

NPS Station ID: CHCH0236
Location: CITICO CR HOLTCLAW-CITICO AV CTL
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM
RMI-Indexes: 1021500 007720 00920 6164
RMI-Miles: 0953.80 0046.50 465.30 001.30
HUC: 06020001
Major Basin: SOUTHEAST
Minor Basin: TENNESSEE RIVER BASIN
RF1 Index: 06020001006
RF3 Index: 06020001124000.60
Description:

LAT/LON: 35.048338/ -85.279170

Depth of Water: 0
Elevation: 0

RF1 Mile Point: 4.640
RF3 Mile Point: 0.99

Agency: 1113S090
FIPS State/County: 47065 TENNESSEE/HAMILTON
STORET Station ID(s): 470135 /RP-01
Within Park Boundary: No

Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.02

Date Created: / /

On/Off RF1: OFF
On/Off RF3:

Parameter Inventory for Station: CHCH0236

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

***** Data for this station locked by controlling agency *****

Station Inventory for Station: CHCH0237

NPS Station ID: CHCH0237
LAT/LON: 35.048615/ -85.345838
Agency: 131TVAC
Date Created: / /
Location: NICKAJACK RESERVOIR
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475340 /0975
RMI-Indexes: 1021500 007720 00920
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 458.30
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER 458.3
ECO Region:
RF1 Index: 06020001002
RF1 Mile Point: 6.680
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 06020001000203.85
RF3 Mile Point: 3.91
Distance from RF3: 0.06
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0237

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/07/67-09/07/67	6	1.	0.667	1.	0.	0.267	0.516	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/07/67-09/07/67	2	22.	22.	22.	22.	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/07/67-09/07/67	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/07/67-09/07/67	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	09/07/67-09/07/67	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/07/67-09/07/67	1	270.	270.	270.	270.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/07/67-09/07/67	2	6.65	6.65	6.9	6.4	0.125	0.354	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/07/67-09/07/67	1	3.8	3.8	3.8	3.8	0.	0.	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	09/07/67-09/07/67	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/07/67-09/07/67	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/07/67-09/07/67	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/07/67-09/07/67	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/07/67-09/07/67	1	52.	52.	52.	52.	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	09/07/67-09/07/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	09/07/67-09/07/67	1	110.	110.	110.	110.	0.	0.	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/07/67-09/07/67	1	70.	70.	70.	70.	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/07/67-09/07/67	1	0.22	0.22	0.22	0.22	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/07/67-09/07/67	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/07/67-09/07/67	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/07/67-09/07/67	1	0.31	0.31	0.31	0.31	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/07/67-09/07/67	1	0.062	0.062	0.062	0.062	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/07/67-09/07/67	1	0.036	0.036	0.036	0.036	0.	0.	**	**	**	**
00722	CYANIDE, FREE (AMENABLE TO CHLORINATION) MG/L	09/07/67-09/07/67	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	09/07/67-09/07/67	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	09/07/67-09/07/67	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	09/07/67-09/07/67	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	09/07/67-09/07/67	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/07/67-09/07/67	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/07/67-09/07/67	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	09/07/67-09/07/67	1	0.11	0.11	0.11	0.11	0.	0.	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	09/07/67-09/07/67	1	5.2	5.2	5.2	5.2	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/07/67-09/07/67	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/07/67-09/07/67	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/07/67-09/07/67	1	340.	340.	340.	340.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/07/67-09/07/67	1	50.	50.	50.	50.	0.	0.	**	**	**	**
01047	IRON, FERROUS (UG/L AS FE)	09/07/67-09/07/67	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	09/07/67-09/07/67	1	310.	310.	310.	310.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/07/67-09/07/67	1	20.	20.	20.	20.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0237

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01092	ZINC, TOTAL (UG/L AS ZN)	09/07/67-09/07/67	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01501	ALPHA, TOTAL	09/07/67-09/07/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01502	ALPHA, TOTAL, COUNTING ERROR	09/07/67-09/07/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01503	ALPHA, DISSOLVED	09/07/67-09/07/67	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01504	ALPHA, DISSOLVED, COUNTING ERROR	09/07/67-09/07/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01505	ALPHA, SUSPENDED	09/07/67-09/07/67	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01506	ALPHA, SUSPENDED, COUNTING ERROR	09/07/67-09/07/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
03501	BETA, TOTAL	09/07/67-09/07/67	1	4.	4.	4.	4.	0.	0.	**	**	**	**
03502	BETA, TOTAL, COUNTING ERROR	09/07/67-09/07/67	1	1.	1.	1.	1.	0.	0.	**	**	**	**
03503	BETA, DISSOLVED	09/07/67-09/07/67	1	3.	3.	3.	3.	0.	0.	**	**	**	**
03504	BETA, DISSOLVED, COUNTING ERROR	09/07/67-09/07/67	1	1.	1.	1.	1.	0.	0.	**	**	**	**
03505	BETA, SUSPENDED	09/07/67-09/07/67	1	1.	1.	1.	1.	0.	0.	**	**	**	**
03506	BETA, SUSPENDED, COUNTING ERROR	09/07/67-09/07/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/07/67-09/07/67	3	6200.	10103.333	24000.	110.	154110033.333	12414.106	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/07/67-09/07/67	3	3.792	3.405	4.38	2.041	1.48	1.217	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			2539.015								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/07/67-09/07/67	3	3600.	4878.667	11000.	36.	31278565.333	5592.724	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/07/67-09/07/67	3	3.556	3.051	4.041	1.556	1.735	1.317	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1125.466								
46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	09/07/67-09/07/67	1	73.	73.	73.	73.	0.	0.	**	**	**	**
70001	COMPOSITE LOCATION IN A CROSS SECTION	09/07/67-09/07/67	2	1072.	1072.	1122.	1022.	5000.	70.711	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0237

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	2	0	0.00									
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00722	CYANIDE, FREE (AMENABLE TO CHLORINATION)	Fresh Acute	0.022	1	0	0.00	1	0	0.00									
		Drinking Water	0.2	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	3	2	0.67	3	2	0.67									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	3	2	0.67	3	2	0.67									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0238

NPS Station ID: CHCH0238
LAT/LON: 35.048892/ -85.215004
Agency: 1113S090
Date Created: / /
Location: S CHICK CR E BRAINERD SEWGE EFF
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM
STORET Station ID(s): 470185 /EBS-02
RMI-Indexes: 1021500 007720 00920 6180
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 008.70
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001007
RF1 Mile Point: 6.860
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 06020001092900.00
RF3 Mile Point: 0.31
Distance from RF3: 0.18
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0238

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

***** Data for this station locked by controlling agency *****

Station Inventory for Station: CHCH0239

NPS Station ID: CHCH0239
LAT/LON: 35.049171/ -85.214170
Agency: 131TVAC
Date Created: / /
Location: WILCOX BOULEVARD BRIDGE
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475349 /2657
RMI-Indexes: 1021500 007720 00920 6180
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 007.97
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: SOUTH CHICKAMAUGA CREEK 7.97
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 0.60
On/Off RF1:
RF3 Index: 06020001006700.00
RF3 Mile Point: 0.05
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0239

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/06/67-09/26/72	22	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/06/67-09/26/72	22	22.8	19.623	26.1	7.2	27.563	5.25	10.24	15.5	23.	23.24
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/26/69-09/26/72	12	217.5	588.25	2540.	125.	560564.75	748.709	130.1	157.	831.	2243.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/26/69-12/02/69	11	15.	42.727	250.	5.	5061.818	71.146	6.	10.	45.	213.
00080	COLOR (PLATINUM-COBALT UNITS)	09/06/67-12/02/69	13	20.	21.538	45.	2.5	221.394	14.879	2.5	10.	35.	45.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/26/69-12/02/69	11	250.	273.636	400.	160.	7045.455	83.937	160.	200.	350.	392.
00300	OXYGEN, DISSOLVED MG/L	09/06/67-09/26/72	22	4.7	5.645	9.2	3.7	2.974	1.725	4.2	4.375	6.75	8.78
00303	BOD, 1DAY, 20 DEG C MG/L	09/25/72-09/26/72	9	1.1	0.978	1.5	0.5	0.152	0.39	0.5	0.5	1.3	1.5
00304	BOD, 2 DAY, 20 DEG C MG/L	09/06/67-09/26/72	11	2.	2.	3.	1.2	0.312	0.559	1.24	1.5	2.4	2.9
00305	BOD, 3 DAY, 20 DEG C MG/L	09/25/72-09/26/72	9	3.1	3.	4.	2.4	0.315	0.561	2.4	2.45	3.4	4.
00306	BOD, 4 DAY, 20 DEG C MG/L	09/25/72-09/26/72	9	3.9	3.833	5.	2.7	0.555	0.745	2.7	3.25	4.35	5.
00310	BOD, 5 DAY, 20 DEG C MG/L	09/06/67-09/26/72	22	3.9	3.918	6.5	1.4	2.399	1.549	1.85	2.45	5.275	6.09
00312	BOD, 6 DAY, 20 DEG C MG/L	09/25/72-09/25/72	3	5.2	5.333	6.9	3.9	2.263	1.504	**	**	**	**
00315	BOD, 7 DAY, 20 DEG C MG/L	09/25/72-09/25/72	3	7.1	7.	8.9	5.	3.81	1.952	**	**	**	**
00316	BOD, 8 DAY, 20 DEG C MG/L	09/25/72-09/25/72	3	8.2	8.267	10.	6.6	2.893	1.701	**	**	**	**
00317	BOD, 9 DAY, 20 DEG C MG/L	09/25/72-09/25/72	3	8.5	8.833	10.	8.	1.083	1.041	**	**	**	**
00322	BOD, 10 DAY, 20 DEG C MG/L	09/25/72-09/25/72	3	9.4	9.767	11.	8.9	1.203	1.097	**	**	**	**
00323	BOD, 15 DAY, 20 DEG C MG/L	09/25/72-09/25/72	3	11.	11.	12.	10.	1.	1.	**	**	**	**
00324	BOD, 20 DAY, 20 DEG C MG/L	09/25/72-09/25/72	3	13.	12.667	13.	12.	0.333	0.577	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	05/20/69-12/02/69	8	20.	20.375	30.	12.	50.839	7.13	**	**	**	**
00350	BOD, 14 DAY, 20 DEG C MG/L	09/25/72-09/25/72	3	11.	11.	12.	10.	1.	1.	**	**	**	**
00400	PH (STANDARD UNITS)	09/06/67-12/02/69	13	7.6	7.669	8.9	7.3	0.166	0.407	7.34	7.4	7.75	8.46
00400	CONVERTED PH (STANDARD UNITS)	09/06/67-12/02/69	13	7.6	7.567	8.9	7.3	0.177	0.421	7.34	7.4	7.75	8.46
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/06/67-12/02/69	13	0.025	0.027	0.05	0.001	0.	0.014	0.007	0.018	0.04	0.046
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/26/69-12/02/69	11	115.	105.364	140.	50.	1086.055	32.955	50.2	83.	140.	140.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	02/26/69-12/02/69	11	0.	0.727	8.	0.	5.818	2.412	0.	0.	0.	6.4
00500	RESIDUE, TOTAL (MG/L)	09/06/67-11/03/69	3	200.	206.667	250.	170.	1633.333	40.415	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/06/67-11/03/69	3	190.	176.667	240.	100.	5033.333	70.946	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/06/67-09/26/72	22	0.6	0.824	4.6	0.3	0.803	0.896	0.35	0.425	0.77	1.48
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/06/67-09/26/72	22	1.25	1.382	3.7	0.39	0.59	0.768	0.502	0.98	1.55	2.73
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/06/67-09/26/72	22	0.225	0.221	0.77	0.02	0.026	0.16	0.033	0.082	0.28	0.363
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/06/67-09/26/72	22	1.55	2.052	5.9	0.005	2.055	1.434	0.866	1.35	2.6	4.92
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/26/69-12/02/69	11	0.456	0.378	0.75	0.108	0.052	0.229	0.114	0.156	0.554	0.724
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	02/26/69-12/02/69	10	0.357	0.301	0.554	0.085	0.033	0.182	0.086	0.103	0.456	0.544
00940	CHLORIDE,TOTAL IN WATER MG/L	11/03/69-11/03/69	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/13/67-11/03/69	2	19.	19.	22.	16.	18.	4.243	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	11/03/69-11/03/69	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	07/17/69-11/03/69	2	7.85	7.85	8.4	7.3	0.605	0.778	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0239

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/06/67-12/02/69	11	3000.	33527.273	270000.	330.	6284223961.818	79273.097	398.	1200.	31000.	222200.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/06/67-12/02/69	11	3.477	3.757	5.431	2.519	0.738	0.859	2.58	3.079	4.491	5.243
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			5709.378								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/06/67-12/02/69	12	310.	1844.583	10500.	5.	9382352.083	3063.063	18.5	62.5	3302.5	8400.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/06/67-12/02/69	12	2.389	2.532	4.021	0.699	0.98	0.99	0.999	1.774	3.518	3.878
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			340.76								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/16/69-12/02/69	6	20.	43.333	110.	5.	2376.667	48.751	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0239

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	11	2	0.18	5	1	0.20	3	0	0.00	3	1	0.33			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	22	1	0.05	16	1	0.06	3	0	0.00	3	0	0.00			
00400	PH	Fresh Chronic	9.	13	0	0.00	7	0	0.00	3	0	0.00	3	0	0.00			
		Other-Lo Lim.	6.5	13	0	0.00	7	0	0.00	3	0	0.00	3	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	22	0	0.00	16	0	0.00	3	0	0.00	3	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	22	0	0.00	16	0	0.00	3	0	0.00	3	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
		Drinking Water	250.	1	0	0.00				1	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00	1	0	0.00	1	0	0.00						
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	1	0	0.00				1	0	0.00						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	11	9	0.82	6	5	0.83	2	1	0.50	3	3	1.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	12	6	0.50	6	2	0.33	3	1	0.33	3	3	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0240

NPS Station ID: CHCH0240
LAT/LON: 35.049448/ -85.213892
Agency: 1113S000
Date Created: / /
Location: S.CHICKAMAUGA CK @ SHALLOWFORD R
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 480145 /TR-CC-09
RMI-Indexes: 1021500 007720 00920 6180
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 008.00
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001007
RF1 Mile Point: 6.860
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 06020001000703.50
RF3 Mile Point: 3.73
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0240

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/15/68-10/17/68	3	20.	20.	20.	20.	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	10/15/68-10/17/68	3	142.	141.667	145.	138.	12.333	3.512	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/15/68-10/17/68	3	4.3	4.267	4.4	4.1	0.023	0.153	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	10/15/68-10/15/68	1	17.3	17.3	17.3	17.3	0.	0.	**	**	**	**
00380	CHLORINE DEMAND, 24 HOUR (MG/L)	10/15/68-10/15/68	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/16/68-10/17/68	2	7.7	7.7	7.8	7.6	0.02	0.141	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/16/68-10/17/68	2	7.689	7.689	7.8	7.6	0.02	0.142	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/16/68-10/17/68	2	0.02	0.02	0.025	0.016	0.	0.007	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/16/68-10/17/68	2	138.	138.	140.	136.	8.	2.828	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/15/68-10/17/68	3	4.2	4.267	4.8	3.8	0.253	0.503	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/15/68-10/17/68	3	5.2	5.067	5.6	4.4	0.373	0.611	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/15/68-10/17/68	3	3.4	3.5	3.8	3.3	0.07	0.265	**	**	**	**
00685	CARBON, TOTAL INORGANIC (MG/L AS C)	10/15/68-10/15/68	1	1.	1.	1.	1.	0.	0.	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	10/16/68-10/17/68	2	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0240

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	3	0	0.00	3	0	0.00									
00400	PH	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	0	0.00	3	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0241

NPS Station ID: CHCH0241 LAT/LON: 35.050004/ -85.150003 Agency: 1114PEST Date Created: 01/31/81
Location: PINEY WOODS WASTE SITE AT CHATTANOOGA TN FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 470298A /PW-001 PIN
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: TENNESSEE RIVER BASIN Elevation: 0 Water Body Id:
Minor Basin: SPRING BESIDE MANHOLE CULVERT ECO Region:
RF1 Index: 06020001 RF1 Mile Point: 0.000 Distance from RF1: 22.80 On/Off RF1:
RF3 Index: 06020001124700.00 RF3 Mile Point: 0.00 Distance from RF3: 0.04 On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0241

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/26/80-06/26/80	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	06/26/80-06/26/80	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/26/80-06/26/80	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/26/80-06/26/80	1	0.316	0.316	0.316	0.316	0.	0.	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	06/26/80-06/26/80	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	06/26/80-06/26/80	1	202.	202.	202.	202.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/26/80-06/26/80	1	33.	33.	33.	33.	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	06/26/80-06/26/80	1	43.	43.	43.	43.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	06/26/80-06/26/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	06/26/80-06/26/80	1	207.	207.	207.	207.	0.	0.	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01037	COBALT, TOTAL (UG/L AS CO)	06/26/80-06/26/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	06/26/80-06/26/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	06/26/80-06/26/80	1	6200.	6200.	6200.	6200.	0.	0.	**	**	**	**
01059	THALLIUM, TOTAL (UG/L AS TL)	06/26/80-06/26/80	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01062	MOLYBDENUM, TOTAL (UG/L AS MO)	06/26/80-06/26/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01064	TELLURIUM, TOTAL IN WHOLE WATER SAMPLE (UG/L)	06/26/80-06/26/80	1 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	06/26/80-06/26/80	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01082	STRONTIUM, TOTAL (UG/L AS SR)	06/26/80-06/26/80	1	442.	442.	442.	442.	0.	0.	**	**	**	**
01087	VANADIUM, TOTAL (UG/L AS V)	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	06/26/80-06/26/80	1	25.	25.	25.	25.	0.	0.	**	**	**	**
01097	ANTIMONY, TOTAL (UG/L AS SB)	06/26/80-06/26/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01102	TIN, TOTAL (UG/L AS SN)	06/26/80-06/26/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	06/26/80-06/26/80	1	1100.	1100.	1100.	1100.	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	06/26/80-06/26/80	1 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
01152	TITANIUM, TOTAL (UG/L AS TI)	06/26/80-06/26/80	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01162	ZIRCONIUM, TOTAL (UG/L AS ZR)	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01203	YTTRIUM, TOTAL (UG/L AS Y)	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
32104	BROMOFORM,WHOLE WATER,UG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
32106	CHLOROFORM,WHOLE WATER,UG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/26/80-06/26/80	1	167.	167.	167.	167.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0241

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	06/26/80-06/26/80	1	492.	492.	492.	492.	0.	0.	**	**	**	**
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	06/26/80-06/26/80	1	140.	140.	140.	140.	0.	0.	**	**	**	**
34200	ACENAPHTHYLENE TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34205	ACENAPHTHENE TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34210	ACROLEIN TOTWUG/L	06/26/80-06/26/80	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
34215	ACRYLONITRILE TOTWUG/L	06/26/80-06/26/80	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
34220	ANTHRACENE TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34247	BENZO-A-PYRENE TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	06/26/80-06/26/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34301	CHLOROBENZENE TOTWUG/L	06/26/80-06/26/80	1	885.	885.	885.	885.	0.	0.	**	**	**	**
34306	CHLORODIBROMOMETHANE TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34311	CHLOROETHANE TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34320	CHRYSENE TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34336	DIETHYL PHTHALATE TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34341	DIMETHYL PHTHALATE TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34346	1,2-DIPHENYLHYDRAZINE TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34351	ENDOSULFAN SULFATE TOTWUG/L	06/26/80-06/26/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34356	ENDOSULFAN, BETA TOTWUG/L	06/26/80-06/26/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34361	ENDOSULFAN, ALPHA TOTWUG/L	06/26/80-06/26/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34366	ENDRIN ALDEHYDE TOTWUG/L	06/26/80-06/26/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	06/26/80-06/26/80	1	115.	115.	115.	115.	0.	0.	**	**	**	**
34376	FLUORANTHENE TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34381	FLUORENE TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34396	HEXACHLOROETHANE TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	06/26/80-06/26/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34408	ISOPHORONE TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34413	METHYL BROMIDE TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34418	METHYL CHLORIDE TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34423	METHYLENE CHLORIDE TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34433	N-NITROSODIPHENYLAMINE TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34447	NITROBENZENE TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34452	PARACHLOROMETA CRESOL TOTWUG/L	06/26/80-06/26/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34461	PHENANTHRENE TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34469	PYRENE TOTWUG/L	06/26/80-06/26/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34475	TETRACHLOROETHYLENE TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34496	1,1-DICHLOROETHANE TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34501	1,1-DICHLOROETHYLENE TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	06/26/80-06/26/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34536	1,2-DICHLOROBENZENE TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34541	1,2-DICHLOROPROPANE TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	06/26/80-06/26/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34561	1,3-DICHLOROPROPENE TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34566	1,3-DICHLOROBENZENE TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34571	1,4-DICHLOROBENZENE TOTWUG/L	06/26/80-06/26/80	1	301.	301.	301.	301.	0.	0.	**	**	**	**
34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34581	2-CHLORONAPHTHALENE TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34586	2-CHLOROPHENOL TOTWUG/L	06/26/80-06/26/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34591	2-NITROPHENOL TOTWUG/L	06/26/80-06/26/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0241

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34596	DI-N-OCTYL PHTHALATE TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34601	2,4-DICHLOROPHENOL TOTWUG/L	06/26/80-06/26/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34606	2,4-DIMETHYLPHENOL TOTWUG/L	06/26/80-06/26/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34611	2,4-DINITROTOLUENE TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34616	2,4-DINITROPHENOL TOTWUG/L	06/26/80-06/26/80	1 ##	125.	125.	125.	125.	0.	0.	**	**	**	**
34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	06/26/80-06/26/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34626	2,6-DINITROTOLUENE TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34646	4-NITROPHENOL TOTWUG/L	06/26/80-06/26/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	06/26/80-06/26/80	1 ##	125.	125.	125.	125.	0.	0.	**	**	**	**
34668	DICHLORODIFUOROMETHANE TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34671	PCB - 1016 TOTWUG/L	06/26/80-06/26/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	06/26/80-06/26/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34696	NAPHTHALENE TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	06/26/80-06/26/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	06/26/80-06/26/80	1	23.	23.	23.	23.	0.	0.	**	**	**	**
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	06/26/80-06/26/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	06/26/80-06/26/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	06/26/80-06/26/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	06/26/80-06/26/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	06/26/80-06/26/80	1	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	06/26/80-06/26/80	1	0.49	0.49	0.49	0.49	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	06/26/80-06/26/80	1	0.17	0.17	0.17	0.17	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	06/26/80-06/26/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	06/26/80-06/26/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	06/26/80-06/26/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	06/26/80-06/26/80	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	06/26/80-06/26/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	06/26/80-06/26/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	06/26/80-06/26/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	06/26/80-06/26/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	06/26/80-06/26/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	06/26/80-06/26/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	06/26/80-06/26/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	06/26/80-06/26/80	1 ##	0.075	0.075	0.075	0.075	0.	0.	**	**	**	**
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE(UG/L)	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	06/26/80-06/26/80	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	06/26/80-06/26/80	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0241

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00720	CYANIDE, TOTAL	Fresh Acute	0.022	1	0	0.00	1	0	0.00									
		Drinking Water	0.2	1	0	0.00	1	0	0.00									
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01007	BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00	1	0	0.00									
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	1	0	0.00	1	0	0.00									
		Drinking Water	4.	0 &	0	0.00												

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0241

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01027	CADMIUM, TOTAL	Fresh Acute	3.9	0 &	0	0.00												
		Drinking Water	5.	0 &	0	0.00												
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	1	0	0.00	1	0	0.00									
01059	THALLIUM, TOTAL	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	2.	0 &	0	0.00												
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01077	SILVER, TOTAL	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
01097	ANTIMONY, TOTAL	Fresh Acute	88.	1	0	0.00	1	0	0.00									
		Drinking Water	6.	0 &	0	0.00												
01147	SELENIUM, TOTAL	Fresh Acute	20.	0 &	0	0.00												
		Drinking Water	50.	1	0	0.00	1	0	0.00									
32101	BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32102	CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	0 &	0	0.00												
32103	1,2-DICHLOROETHANE,WHOLE WATER	Fresh Acute	118000.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	0 &	0	0.00												
32104	BROMOFORM, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32106	CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	1	0	0.00	1	0	0.00									
		Drinking Water	1000.	1	0	0.00	1	0	0.00									
34205	ACENAPHTHENE, TOTAL	Fresh Acute	1700.	1	0	0.00	1	0	0.00									
34210	ACROLEIN, TOTAL	Fresh Acute	68.	1	0	0.00	1	0	0.00									
34215	ACRYLONITRILE, TOTAL	Fresh Acute	7550.	1	0	0.00	1	0	0.00									
34301	CHLOROBENZENE, TOTAL	Drinking Water	100.	1	1	1.00	1	1	1.00									
34306	CHLORODIBROMOMETHANE, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
34346	1,2-DIPHENYLHYDRAZINE, TOTAL	Fresh Acute	270.	1	0	0.00	1	0	0.00									
34356	ENDOSULFAN, BETA, TOTAL	Fresh Acute	0.22	1	0	0.00	1	0	0.00									
34361	ENDOSULFAN, ALPHA, TOTAL	Fresh Acute	0.22	1	0	0.00	1	0	0.00									
34371	ETHYLBENZENE, TOTAL	Fresh Acute	32000.	1	0	0.00	1	0	0.00									
		Drinking Water	700.	1	0	0.00	1	0	0.00									
34376	FLUORANTHENE, TOTAL	Fresh Acute	3980.	1	0	0.00	1	0	0.00									
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL	Fresh Acute	7.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
34396	HEXACHLOROETHANE, TOTAL	Fresh Acute	980.	1	0	0.00	1	0	0.00									
34403	INDENO (1,2,3-CD) PYRENE, TOTAL	Drinking Water	0.4	0 &	0	0.00												
34408	ISOPHORONE, TOTAL	Fresh Acute	117000.	1	0	0.00	1	0	0.00									
34423	METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	0 &	0	0.00												
34447	NITROBENZENE, TOTAL	Fresh Acute	27000.	1	0	0.00	1	0	0.00									
34452	PARACHLOROMETA CRESOL, TOTAL	Fresh Acute	30.	1	0	0.00	1	0	0.00									
34461	PHENANTHRENE, TOTAL	Fresh Acute	30.	1	0	0.00	1	0	0.00									
34475	TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	0 &	0	0.00												
34501	1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	1	0	0.00	1	0	0.00									
34506	1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	1	0	0.00	1	0	0.00									
34511	1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	0 &	0	0.00												
34536	1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00	1	0	0.00									
34541	1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	0 &	0	0.00												
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	1	0	0.00	1	0	0.00									
34551	1,2,4-TRICHLOROBENZENE, TOTAL	Drinking Water	70.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0241

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
34566	1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00	1	0	0.00									
34571	1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	1	1	1.00	1	1	1.00									
34586	2-CHLOROPHENOL, TOTAL	Fresh Acute	4380.	1	0	0.00	1	0	0.00									
34601	2,4-DICHLOROPHENOL, TOTAL	Fresh Acute	2020.	1	0	0.00	1	0	0.00									
34606	2,4-DIMETHYLPHENOL, TOTAL	Fresh Acute	2120.	1	0	0.00	1	0	0.00									
34611	2,4-DINITROTOLUENE, TOTAL	Fresh Acute	330.	1	0	0.00	1	0	0.00									
34694	PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	Fresh Acute	10200.	1	0	0.00	1	0	0.00									
34696	NAPHTHALENE, TOTAL	Fresh Acute	2300.	1	0	0.00	1	0	0.00									
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	1.	0 &	0	0.00												
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	Fresh Acute	2000.	1	0	0.00	1	0	0.00									
		Drinking Water	6.	1	0	0.00	1	0	0.00									
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	0 &	0	0.00												
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	0 &	0	0.00												
39300	P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	1	0	0.00	1	0	0.00									
39310	P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	1	0	0.00	1	0	0.00									
39320	P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	1	0	0.00	1	0	0.00									
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	1	0	0.00	1	0	0.00									
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	1	0	0.00	1	0	0.00									
		Drinking Water	0.2	1	0	0.00	1	0	0.00									
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	1	0	0.00	1	0	0.00									
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	1	0	0.00	1	0	0.00									
		Drinking Water	3.	1	0	0.00	1	0	0.00									
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	1	0	0.00	1	0	0.00									
		Drinking Water	0.4	1	0	0.00	1	0	0.00									
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	1	0	0.00	1	0	0.00									
		Drinking Water	0.2	1	0	0.00	1	0	0.00									
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	1	0	0.00	1	0	0.00									
		Drinking Water	1.	0 &	0	0.00												
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPL	Fresh Acute	90.	1	0	0.00	1	0	0.00									
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0242

NPS Station ID: CHCH0242 LAT/LON: 35.050004/ -85.150003 Agency: 1114PEST Date Created: 01/31/81
Location: PINEY WOODS WASTE SITE AT CHATTANOOGA TN FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 470298B /PW-002 PIN
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: TENNESSEE RIVER BASIN Elevation: 0 Water Body Id:
Minor Basin: IMPOUNDED WATER ON OTHER SIDE OF DIKE ECO Region:
RF1 Index: 06020001 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 06020001123300.00 RF3 Mile Point: 0.46 Distance from RF3: 0.05 On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0242

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/26/80-06/26/80	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	06/26/80-06/26/80	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/26/80-06/26/80	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/26/80-06/26/80	1	0.316	0.316	0.316	0.316	0.	0.	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	06/26/80-06/26/80	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	06/26/80-06/26/80	1	220.	220.	220.	220.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/26/80-06/26/80	1	42.	42.	42.	42.	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	06/26/80-06/26/80	1	46.	46.	46.	46.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	06/26/80-06/26/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	06/26/80-06/26/80	1	580.	580.	580.	580.	0.	0.	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	06/26/80-06/26/80	1	42.	42.	42.	42.	0.	0.	**	**	**	**
01037	COBALT, TOTAL (UG/L AS CO)	06/26/80-06/26/80	1 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	06/26/80-06/26/80	1	59.	59.	59.	59.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	06/26/80-06/26/80	1	130.	130.	130.	130.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	06/26/80-06/26/80	1	8000.	8000.	8000.	8000.	0.	0.	**	**	**	**
01059	THALLIUM, TOTAL (UG/L AS TL)	06/26/80-06/26/80	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01062	MOLYBDENUM, TOTAL (UG/L AS MO)	06/26/80-06/26/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01064	TELLURIUM, TOTAL IN WHOLE WATER SAMPLE (UG/L)	06/26/80-06/26/80	1 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	06/26/80-06/26/80	1	36.	36.	36.	36.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01082	STRONTIUM, TOTAL (UG/L AS SR)	06/26/80-06/26/80	1	499.	499.	499.	499.	0.	0.	**	**	**	**
01087	VANADIUM, TOTAL (UG/L AS V)	06/26/80-06/26/80	1	71.	71.	71.	71.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	06/26/80-06/26/80	1	170.	170.	170.	170.	0.	0.	**	**	**	**
01097	ANTIMONY, TOTAL (UG/L AS SB)	06/26/80-06/26/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01102	TIN, TOTAL (UG/L AS SN)	06/26/80-06/26/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	06/26/80-06/26/80	1	58600.	58600.	58600.	58600.	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	06/26/80-06/26/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01152	TITANIUM, TOTAL (UG/L AS TI)	06/26/80-06/26/80	1	318.	318.	318.	318.	0.	0.	**	**	**	**
01162	ZIRCONIUM, TOTAL (UG/L AS ZR)	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01203	YTTRIUM, TOTAL (UG/L AS Y)	06/26/80-06/26/80	1	45.	45.	45.	45.	0.	0.	**	**	**	**
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
32104	BROMOFORM,WHOLE WATER,UG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
32106	CHLOROFORM,WHOLE WATER,UG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	06/26/80-06/26/80	1	317.	317.	317.	317.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0242

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	06/26/80-06/26/80	1	127.	127.	127.	127.	0.	0.	**	**	**	**
34200	ACENAPHTHYLENE TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34205	ACENAPHTHENE TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34210	ACROLEIN TOTWUG/L	06/26/80-06/26/80	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
34215	ACRYLONITRILE TOTWUG/L	06/26/80-06/26/80	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
34220	ANTHRACENE TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34247	BENZO-A-PYRENE TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	06/26/80-06/26/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34301	CHLOROBENZENE TOTWUG/L	06/26/80-06/26/80	1	947.	947.	947.	947.	0.	0.	**	**	**	**
34306	CHLORODIBROMOMETHANE TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34311	CHLOROETHANE TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34320	CHRYSENE TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34336	DIETHYL PHTHALATE TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34341	DIMETHYL PHTHALATE TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34346	1,2-DIPHENYLHYDRAZINE TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34351	ENDOSULFAN SULFATE TOTWUG/L	06/26/80-06/26/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34356	ENDOSULFAN, BETA TOTWUG/L	06/26/80-06/26/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34361	ENDOSULFAN, ALPHA TOTWUG/L	06/26/80-06/26/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34366	ENDRIN ALDEHYDE TOTWUG/L	06/26/80-06/26/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	06/26/80-06/26/80	1	92.	92.	92.	92.	0.	0.	**	**	**	**
34376	FLUORANTHENE TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34381	FLUORENE TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34396	HEXACHLOROETHANE TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	06/26/80-06/26/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34408	ISOPHORONE TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34413	METHYL BROMIDE TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34418	METHYL CHLORIDE TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34423	METHYLENE CHLORIDE TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34433	N-NITROSODIPHENYLAMINE TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34447	NITROBENZENE TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34452	PARACHLOROMETA CRESOL TOTWUG/L	06/26/80-06/26/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34461	PHENANTHRENE TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34469	PYRENE TOTWUG/L	06/26/80-06/26/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34475	TETRACHLOROETHYLENE TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34496	1,1-DICHLOROETHANE TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34501	1,1-DICHLOROETHYLENE TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	06/26/80-06/26/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34536	1,2-DICHLOROBENZENE TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34541	1,2-DICHLOROPROPANE TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	06/26/80-06/26/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34561	1,3-DICHLOROPROPENE TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34566	1,3-DICHLOROBENZENE TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34571	1,4-DICHLOROBENZENE TOTWUG/L	06/26/80-06/26/80	1	230.	230.	230.	230.	0.	0.	**	**	**	**
34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34581	2-CHLORONAPHTHALENE TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34586	2-CHLOROPHENOL TOTWUG/L	06/26/80-06/26/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34591	2-NITROPHENOL TOTWUG/L	06/26/80-06/26/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34596	DI-N-OCTYL PHTHALATE TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0242

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34601	2,4-DICHLOROPHENOL TOTWUG/L	06/26/80-06/26/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34606	2,4-DIMETHYLPHENOL TOTWUG/L	06/26/80-06/26/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34611	2,4-DINITROTOLUENE TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34616	2,4-DINITROPHENOL TOTWUG/L	06/26/80-06/26/80	1 ##	125.	125.	125.	125.	0.	0.	**	**	**	**
34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	06/26/80-06/26/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34626	2,6-DINITROTOLUENE TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34646	4-NITROPHENOL TOTWUG/L	06/26/80-06/26/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	06/26/80-06/26/80	1 ##	125.	125.	125.	125.	0.	0.	**	**	**	**
34668	DICHLORODIFUOROMETHANE TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34671	PCB - 1016 TOTWUG/L	06/26/80-06/26/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	06/26/80-06/26/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34696	NAPHTHALENE TOTWUG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	06/26/80-06/26/80	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	06/26/80-06/26/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	06/26/80-06/26/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	06/26/80-06/26/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	06/26/80-06/26/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	06/26/80-06/26/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	06/26/80-06/26/80	1	0.13	0.13	0.13	0.13	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	06/26/80-06/26/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	06/26/80-06/26/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	06/26/80-06/26/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	06/26/80-06/26/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	06/26/80-06/26/80	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	06/26/80-06/26/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	06/26/80-06/26/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	06/26/80-06/26/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	06/26/80-06/26/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	06/26/80-06/26/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	06/26/80-06/26/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	06/26/80-06/26/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	06/26/80-06/26/80	1 ##	0.075	0.075	0.075	0.075	0.	0.	**	**	**	**
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE(UG/L)	06/26/80-06/26/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	06/26/80-06/26/80	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	06/26/80-06/26/80	1	78.	78.	78.	78.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0242

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00720	CYANIDE, TOTAL	Fresh Acute	0.022	1	0	0.00	1	0	0.00									
		Drinking Water	0.2	1	0	0.00	1	0	0.00									
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01007	BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00	1	0	0.00									
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	1	0	0.00	1	0	0.00									
		Drinking Water	4.	0 &	0	0.00												

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0242

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01027	CADMIUM, TOTAL	Fresh Acute	3.9	0 &	0	0.00												
		Drinking Water	5.	0 &	0	0.00												
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	1	1	1.00	1	1	1.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	1	1	1.00	1	1	1.00									
		Drinking Water	15.	1	1	1.00	1	1	1.00									
01059	THALLIUM, TOTAL	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	2.	0 &	0	0.00												
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01077	SILVER, TOTAL	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	1	1	1.00	1	1	1.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
01097	ANTIMONY, TOTAL	Fresh Acute	88.	1	0	0.00	1	0	0.00									
		Drinking Water	6.	0 &	0	0.00												
01147	SELENIUM, TOTAL	Fresh Acute	20.	0 &	0	0.00												
		Drinking Water	50.	1	0	0.00	1	0	0.00									
32101	BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32102	CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	0 &	0	0.00												
32103	1,2-DICHLOROETHANE,WHOLE WATER	Fresh Acute	118000.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	0 &	0	0.00												
32104	BROMOFORM, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32106	CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	1	0	0.00	1	0	0.00									
		Drinking Water	1000.	1	0	0.00	1	0	0.00									
34205	ACENAPHTHENE, TOTAL	Fresh Acute	1700.	1	0	0.00	1	0	0.00									
34210	ACROLEIN, TOTAL	Fresh Acute	68.	1	0	0.00	1	0	0.00									
34215	ACRYLONITRILE, TOTAL	Fresh Acute	7550.	1	0	0.00	1	0	0.00									
34301	CHLOROBENZENE, TOTAL	Drinking Water	100.	1	1	1.00	1	1	1.00									
34306	CHLORODIBROMOMETHANE, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
34346	1,2-DIPHENYLHYDRAZINE, TOTAL	Fresh Acute	270.	1	0	0.00	1	0	0.00									
34356	ENDOSULFAN, BETA, TOTAL	Fresh Acute	0.22	1	0	0.00	1	0	0.00									
34361	ENDOSULFAN, ALPHA, TOTAL	Fresh Acute	0.22	1	0	0.00	1	0	0.00									
34371	ETHYLBENZENE, TOTAL	Fresh Acute	32000.	1	0	0.00	1	0	0.00									
		Drinking Water	700.	1	0	0.00	1	0	0.00									
34376	FLUORANTHENE, TOTAL	Fresh Acute	3980.	1	0	0.00	1	0	0.00									
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL	Fresh Acute	7.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
34396	HEXACHLOROETHANE, TOTAL	Fresh Acute	980.	1	0	0.00	1	0	0.00									
34403	INDENO (1,2,3-CD) PYRENE, TOTAL	Drinking Water	0.4	0 &	0	0.00												
34408	ISOPHORONE, TOTAL	Fresh Acute	117000.	1	0	0.00	1	0	0.00									
34423	METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	0 &	0	0.00												
34447	NITROBENZENE, TOTAL	Fresh Acute	27000.	1	0	0.00	1	0	0.00									
34452	PARACHLOROMETA CRESOL, TOTAL	Fresh Acute	30.	1	0	0.00	1	0	0.00									
34461	PHENANTHRENE, TOTAL	Fresh Acute	30.	1	0	0.00	1	0	0.00									
34475	TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	0 &	0	0.00												
34501	1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	1	0	0.00	1	0	0.00									
34506	1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	1	0	0.00	1	0	0.00									
34511	1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	0 &	0	0.00												
34536	1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00	1	0	0.00									
34541	1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	0 &	0	0.00												
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	1	0	0.00	1	0	0.00									
34551	1,2,4-TRICHLOROBENZENE, TOTAL	Drinking Water	70.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0242

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
34566	1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00	1	0	0.00									
34571	1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	1	1	1.00	1	1	1.00									
34586	2-CHLOROPHENOL, TOTAL	Fresh Acute	4380.	1	0	0.00	1	0	0.00									
34601	2,4-DICHLOROPHENOL, TOTAL	Fresh Acute	2020.	1	0	0.00	1	0	0.00									
34606	2,4-DIMETHYLPHENOL, TOTAL	Fresh Acute	2120.	1	0	0.00	1	0	0.00									
34611	2,4-DINITROTOLUENE, TOTAL	Fresh Acute	330.	1	0	0.00	1	0	0.00									
34694	PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	Fresh Acute	10200.	1	0	0.00	1	0	0.00									
34696	NAPHTHALENE, TOTAL	Fresh Acute	2300.	1	0	0.00	1	0	0.00									
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	1.	0 &	0	0.00												
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	Fresh Acute	2000.	1	0	0.00	1	0	0.00									
		Drinking Water	6.	1	0	0.00	1	0	0.00									
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	0 &	0	0.00												
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	0 &	0	0.00												
39300	P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	1	0	0.00	1	0	0.00									
39310	P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	1	0	0.00	1	0	0.00									
39320	P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	1	0	0.00	1	0	0.00									
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	1	0	0.00	1	0	0.00									
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	1	0	0.00	1	0	0.00									
		Drinking Water	0.2	1	0	0.00	1	0	0.00									
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	1	0	0.00	1	0	0.00									
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	1	0	0.00	1	0	0.00									
		Drinking Water	3.	1	0	0.00	1	0	0.00									
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	1	0	0.00	1	0	0.00									
		Drinking Water	0.4	1	0	0.00	1	0	0.00									
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	1	0	0.00	1	0	0.00									
		Drinking Water	0.2	1	0	0.00	1	0	0.00									
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	1	0	0.00	1	0	0.00									
		Drinking Water	1.	0 &	0	0.00												
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPL	Fresh Acute	90.	1	0	0.00	1	0	0.00									
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0243

NPS Station ID: CHCH0243 LAT/LON: 35.050004/ -85.216670 Agency: 1114PEST Date Created: 04/17/82
Location: TENNESSEE AMERICAN WATER CO AT CHATTANOOGA TENN FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 470412C /TAW-F AWC
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: TENNESSEE RIVER BASIN Elevation: 0 Water Body Id:
Minor Basin: SETTLED WATER PRIOR TO CARBON FILTRATION ECO Region:
RF1 Index: 06020001007 RF1 Mile Point: 6.750 Distance from RF1: 1.10 On/Off RF1: OFF
RF3 Index: 06020001000706.14 RF3 Mile Point: 6.21 Distance from RF3: 0.03 On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0243

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

***** Data for this station locked by controlling agency *****

Station Inventory for Station: CHCH0244

NPS Station ID: CHCH0244 | LAT/LON: 35.050616/ -85.204115 | Agency: 11NPSWRD | Date Created: 04/03/99
Location: TNHM566R | FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): CHCH_NURE_17 /4084923
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 06020001 | Depth of Water: 0 | Aquifer:
Major Basin: TENNESSEE RIVER | Elevation: 0 | Water Body Id:
Minor Basin: TENNESSEE R-MAIN STEM & MINOR TRIBS | ECO Region:
RF1 Index: 06020001 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 06020001011302.01 | RF3 Mile Point: 3.41 | Distance from RF3: 0.11 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE EAST CHATTANOOGA TENNESSEE 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THIS SITE IS AT A SPRING AND IS LOCATED OUTSIDE OF THE CHICKAMAUGA AND CHATTANOOGA NATIONAL MILITARY PARK BOUNDARIES. EACH SAMPLE WAS FILTERED THROUGH A LESS THAN OR EQUAL TO 0.8 UM FILTER AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATABASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K.D. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATABASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUNDWATER DATA. THE "UNIQID" ENTRY WAS USED TO CREATE THE SECONARY STATION NAME. THE "SRLID" (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) ENTRY WAS USED TO CREATE THE LOCATION. SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY RONDA BURNS; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FT. COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: CHCH0244

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/02/78-10/02/78	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/02/78-10/02/78	1	250.	250.	250.	250.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	10/02/78-10/02/78	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	10/02/78-10/02/78	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/02/78-10/02/78	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/02/78-10/02/78	1	120.	120.	120.	120.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/02/78-10/02/78	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/02/78-10/02/78	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/02/78-10/02/78	1	151.	151.	151.	151.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	10/02/78-10/02/78	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/02/78-10/02/78	1	59.	59.	59.	59.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	10/02/78-10/02/78	1	0.204	0.204	0.204	0.204	0.	0.	**	**	**	**
50700	FLUORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	10/02/78-10/02/78	1	94.	94.	94.	94.	0.	0.	**	**	**	**
50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	10/02/78-10/02/78	1	6500.	6500.	6500.	6500.	0.	0.	**	**	**	**
82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	10/02/78-10/02/78	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0244

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0245

NPS Station ID: CHCH0245
LAT/LON: 35.051115/ -85.180838
Agency: 112WRD
Date Created: 01/30/93
Location: FRIAR BRANCH TRIB NEAR TYNER, TN
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 03567594
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 16.80
On/Off RF1:
RF3 Index: 06020001093000.27
RF3 Mile Point: 4.51
Distance from RF3: 0.04
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0245

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/27/92-03/31/93	21	17.	17.786	29.	8.	60.364	7.769	8.	8.25	26.25	28.3
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/27/92-03/31/93	20	0.2	0.197	0.6	0.02	0.028	0.166	0.021	0.073	0.275	0.49
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/27/92-03/31/93	21	75.	72.381	118.	33.	553.148	23.519	35.	55.	89.	108.
00340	COD, .25N K2CR2O7 MG/L	08/27/92-03/31/93	3	100.	115.667	150.	97.	886.333	29.771	**	**	**	**
00400	PH (STANDARD UNITS)	08/27/92-03/31/93	2	8.05	8.05	8.4	7.7	0.245	0.495	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/27/92-03/31/93	2	7.922	7.922	8.4	7.7	0.278	0.527	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/27/92-03/31/93	2	0.012	0.012	0.02	0.004	0.	0.011	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/27/92-03/31/93	3	7.1	7.	7.3	6.6	0.13	0.361	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/27/92-03/31/93	3	7.1	6.896	7.3	6.6	0.146	0.382	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/27/92-03/31/93	3	0.079	0.127	0.251	0.05	0.012	0.109	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/27/92-03/31/93	3	76.	78.333	94.	65.	214.333	14.64	**	**	**	**
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	08/27/92-03/31/93	3 ##	0.5	1.333	3.	0.5	2.083	1.443	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	03/31/93-03/31/93	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/27/92-12/16/92	2	0.1	0.1	0.16	0.04	0.007	0.085	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	03/31/93-03/31/93	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/27/92-12/16/92	2	0.035	0.035	0.04	0.03	0.	0.007	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/27/92-03/31/93	3	0.8	0.933	1.3	0.7	0.103	0.321	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/27/92-12/16/92	2	0.445	0.445	0.56	0.33	0.026	0.163	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	03/31/93-03/31/93	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/27/92-03/31/93	3	0.17	0.17	0.17	0.17	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/27/92-03/31/93	3	0.11	0.11	0.13	0.09	0.	0.02	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/27/92-03/31/93	3	25.	28.	46.	13.	279.	16.703	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	08/27/92-03/31/93	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/27/92-03/31/93	3	8.9	10.3	14.	8.	10.47	3.236	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/27/92-03/31/93	3	1.2	1.333	1.7	1.1	0.103	0.321	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/27/92-03/31/93	3	0.9	0.833	1.	0.6	0.043	0.208	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/27/92-03/31/93	3	1.2	1.333	1.6	1.2	0.053	0.231	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/27/92-03/31/93	3	0.9	1.2	2.	0.7	0.49	0.7	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/27/92-03/31/93	3	7.	6.	8.	3.	7.	2.646	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	08/27/92-03/31/93	3	1.	1.	1.	1.	0.	0.	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	12/16/92-03/31/93	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	08/27/92-03/31/93	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/27/92-03/31/93	3	2.	1.667	2.	1.	0.333	0.577	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/27/92-03/31/93	3	3.	5.333	11.	2.	24.333	4.933	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	08/27/92-03/31/93	3	6.	5.333	6.	4.	1.333	1.155	**	**	**	**
01059	THALLIUM, TOTAL (UG/L AS TL)	08/27/92-03/31/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	08/27/92-03/31/93	3	2.	2.	2.	2.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	08/27/92-03/31/93	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0245

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01092	ZINC, TOTAL (UG/L AS ZN)	08/27/92-03/31/93	3	110.	290.	680.	80.	114300.	338.083	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	08/27/92-03/31/93	3 ##	1.	0.833	1.	0.5	0.083	0.289	**	**	**	**
30217	DIBROMOMETHANE, WATER, WHOLE, RECOVERABLE UG/L	08/27/92-03/31/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	12/16/92-03/31/93	2	1350.	1350.	1500.	1200.	45000.	212.132	**	**	**	**
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	12/16/92-03/31/93	2	3.128	3.128	3.176	3.079	0.005	0.069	**	**	**	**
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1341.641								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	12/16/92-03/31/93	2	20000.	20000.	25000.	15000.	50000000.	7071.068	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	12/16/92-03/31/93	2	4.287	4.287	4.398	4.176	0.025	0.157	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			19364.917								
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	08/27/92-03/31/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	08/27/92-03/31/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	08/27/92-03/31/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
32104	BROMOFORM,WHOLE WATER,UG/L	08/27/92-03/31/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	08/27/92-03/31/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
32106	CHLOROFORM,WHOLE WATER,UG/L	08/27/92-03/31/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	08/27/92-03/31/93	3	3.	3.	3.	3.	0.	0.	**	**	**	**
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	08/27/92-03/31/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	08/27/92-03/31/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34200	ACENAPHTHYLENE TOTWUG/L	08/27/92-03/31/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34205	ACENAPHTHENE TOTWUG/L	08/27/92-03/31/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34210	ACROLEIN TOTWUG/L	08/27/92-03/31/93	3 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34215	ACRYLONITRILE TOTWUG/L	08/27/92-03/31/93	3 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34220	ANTHRACENE TOTWUG/L	08/27/92-03/31/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	08/27/92-03/31/93	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	08/27/92-03/31/93	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34247	BENZO-A-PYRENE TOTWUG/L	08/27/92-03/31/93	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	08/27/92-03/31/93	3 ##	0.045	0.045	0.045	0.045	0.	0.	**	**	**	**
34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	08/27/92-03/31/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	08/27/92-03/31/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	08/27/92-03/31/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	08/27/92-03/31/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34301	CHLOROBENZENE TOTWUG/L	08/27/92-03/31/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34311	CHLOROETHANE TOTWUG/L	08/27/92-03/31/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34320	CHRYSENE TOTWUG/L	08/27/92-03/31/93	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34336	DIETHYL PHTHALATE TOTWUG/L	08/27/92-03/31/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34341	DIMETHYL PHTHALATE TOTWUG/L	08/27/92-03/31/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34351	ENDOSULFAN SULFATE TOTWUG/L	08/27/92-03/31/93	3 ##	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
34356	ENDOSULFAN, BETA TOTWUG/L	08/27/92-03/31/93	3 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
34361	ENDOSULFAN, ALPHA TOTWUG/L	08/27/92-03/31/93	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34366	ENDRIN ALDEHYDE TOTWUG/L	08/27/92-03/31/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	08/27/92-03/31/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34376	FLUORANTHENE TOTWUG/L	08/27/92-03/31/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34381	FLUORENE TOTWUG/L	08/27/92-03/31/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	08/27/92-03/31/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34396	HEXACHLOROETHANE TOTWUG/L	08/27/92-03/31/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	08/27/92-03/31/93	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34408	ISOPHORONE TOTWUG/L	08/27/92-03/31/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34413	METHYL BROMIDE TOTWUG/L	08/27/92-03/31/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34418	METHYL CHLORIDE TOTWUG/L	08/27/92-03/31/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34423	METHYLENE CHLORIDE TOTWUG/L	08/27/92-03/31/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	08/27/92-03/31/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34433	N-NITROSODIPHENYLAMINE TOTWUG/L	08/27/92-03/31/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34438	N-NITROSODIMETHYLAMINE TOTWUG/L	08/27/92-03/31/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34447	NITROBENZENE TOTWUG/L	08/27/92-03/31/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34452	PARACHLOROMETA CRESOL TOTWUG/L	08/27/92-03/31/93	3 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
34461	PHENANTHRENE TOTWUG/L	08/27/92-03/31/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34469	PYRENE TOTWUG/L	08/27/92-03/31/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34475	TETRACHLOROETHYLENE TOTWUG/L	08/27/92-03/31/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	08/27/92-03/31/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34496	1,1-DICHLOROETHANE TOTWUG/L	08/27/92-03/31/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34501	1,1-DICHLOROETHYLENE TOTWUG/L	08/27/92-03/31/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	08/27/92-03/31/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	08/27/92-03/31/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0245

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	08/27/92-03/31/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	08/27/92-03/31/93	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	08/27/92-03/31/93	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34536	1,2-DICHLOROBENZENE TOTWUG/L	08/27/92-03/31/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34541	1,2-DICHLOROPROPANE TOTWUG/L	08/27/92-03/31/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	08/27/92-03/31/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	08/27/92-03/31/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	08/27/92-03/31/93	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34566	1,3-DICHLOROBENZENE TOTWUG/L	08/27/92-03/31/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34571	1,4-DICHLOROBENZENE TOTWUG/L	08/27/92-03/31/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	08/27/92-03/31/93	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34581	2-CHLORONAPHTHALENE TOTWUG/L	08/27/92-03/31/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34586	2-CHLOROPHENOL TOTWUG/L	08/27/92-03/31/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34591	2-NITROPHENOL TOTWUG/L	08/27/92-03/31/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34596	DI-N-OCTYL PHTHALATE TOTWUG/L	08/27/92-03/31/93	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34601	2,4-DICHLOROPHENOL TOTWUG/L	08/27/92-03/31/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34606	2,4-DIMETHYLPHENOL TOTWUG/L	08/27/92-03/31/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34611	2,4-DINITROTOLUENE TOTWUG/L	08/27/92-03/31/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34616	2,4-DINITROPHENOL TOTWUG/L	08/27/92-03/31/93	3 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	08/27/92-03/31/93	3 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34626	2,6-DINITROTOLUENE TOTWUG/L	08/27/92-03/31/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	08/27/92-03/31/93	3 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	08/27/92-03/31/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	08/27/92-03/31/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34646	4-NITROPHENOL TOTWUG/L	08/27/92-03/31/93	3 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	08/27/92-03/31/93	3 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
34668	DICHLORODIFUOROMETHANE TOTWUG/L	08/27/92-03/31/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34671	PCB - 1016 TOTWUG/L	08/27/92-03/31/93	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	08/27/92-03/31/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34696	NAPHTHALENE TOTWUG/L	08/27/92-03/31/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	08/27/92-03/31/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	08/27/92-03/31/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	08/27/92-03/31/93	3 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
39062	CHLORDANE-CIS ISOMER,WHOLE WATER SAMPL (UG/L)	08/27/92-03/31/93	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39065	CHLORDANE-TRNS ISOMER,WHOLE WATER SAMPL (UG/L)	08/27/92-03/31/93	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	08/27/92-03/31/93	3 ##	2.5	4.667	9.	2.5	14.083	3.753	**	**	**	**
39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	08/27/92-03/31/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	08/27/92-03/31/93	3 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	08/27/92-03/31/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	08/27/92-03/31/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	08/27/92-03/31/93	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	08/27/92-03/31/93	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	08/27/92-03/31/93	3 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	08/27/92-03/31/93	3 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	08/27/92-03/31/93	3 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	08/27/92-03/31/93	3 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	08/27/92-03/31/93	3 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	08/27/92-03/31/93	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	08/27/92-03/31/93	3 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	08/27/92-03/31/93	3 ##	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	08/27/92-03/31/93	3 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	08/27/92-03/31/93	3 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	08/27/92-03/31/93	3 ##	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	08/27/92-03/31/93	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	08/27/92-03/31/93	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	08/27/92-03/31/93	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	08/27/92-03/31/93	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	08/27/92-03/31/93	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	08/27/92-03/31/93	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	08/27/92-03/31/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE(UG/L)	08/27/92-03/31/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/27/92-03/31/93	3	65.	59.667	74.	40.	310.333	17.616	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	08/27/92-03/31/93	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0245

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	08/27/92-03/31/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77128	STYRENE WHOLE WATER,UG/L	08/27/92-03/31/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77168	1,1-DICHLOROPROPENE WHOLE WATER,UG/L	08/27/92-03/31/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77170	2,2-DICHLOROPROPANE WHOLE WATER,UG/L	08/27/92-03/31/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77173	1,3-DICHLOROPROPANE WHOLE WATER,UG/L	08/27/92-03/31/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77222	1,2,4-TRIMETHYLBENZENE WHOLE WATER,UG/L	08/27/92-03/31/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77223	ISOPROPYLBENZENE WHOLE WATER,UG/L	08/27/92-03/31/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77224	N-PROPYLBENZENE WHOLE WATER,UG/L	08/27/92-03/31/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77226	1,3,5-TRIMETHYLBENZENE WHOLE WATER,UG/L	08/27/92-03/31/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77275	1-METHYL-2-CHLOROBENZENE (O-CHLOR*WHOLE WATER,UG/L	08/27/92-03/31/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77277	1-METHYL-4-CHLOROBENZENE (P-CHLOR*WHOLE WATER,UG/L	08/27/92-03/31/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77342	N-BUTYLBENZENE WHOLE WATER,UG/L	08/27/92-03/31/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77350	SEC-BUTYLBENZENE WHOLE WATER,UG/L	08/27/92-03/31/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77353	TERT-BUTYLBENZENE WHOLE WATER,UG/L	08/27/92-03/31/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77356	1-METHYL-4-ISOPROPYLBENZENE WHOLE WATER,UG/L	08/27/92-03/31/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77443	1,2,3-TRICHLOROPROPANE WHOLE WATER,UG/L	08/27/92-03/31/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77562	1,1,1,2-TETRACHLOROETHANE WHOLE WATER,UG/L	08/27/92-03/31/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77613	1,2,3-TRICHLOROBENZENE WHOLE WATER,UG/L	08/27/92-03/31/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	08/27/92-03/31/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77652	1,1,2-TRICHLORO-1,2,2-TRIFLUOROET*WHOLE WATER,UG/L	03/31/93-03/31/93	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
80082	BOD, CARBONACEOUS, 5 DAY, 20 DEG C MG/L	08/27/92-03/31/93	3	33.3	36.933	71.1	6.4	1056.423	32.503	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	08/27/92-03/31/93	19	33.	45.158	272.	4.	3503.585	59.191	9.	15.	47.	96.
81551	XYLENE WHL WATER SMPL UG/L	08/27/92-03/31/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
81555	BROMOBENZENE WHL WATER SMPL UG/L	08/27/92-03/31/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82625	DIBROMOCHLOROPROPANE, WATER,TOTAL RECOVERABLE,UG/L	08/27/92-03/31/93	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82626	1,2-DIPHENYLHYDRAZINE,WATER,TOTAL RECOVERABLE,UG/L	08/27/92-03/31/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0245

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	2	0	0.00	1	0	0.00				1	0	0.00			
		Other-Lo Lim.	6.5	2	0	0.00	1	0	0.00				1	0	0.00			
00403	PH, LAB	Fresh Chronic	9.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00							1	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	1	0	0.00	1	0	0.00						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00	1	0	0.00	1	0	0.00						
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00							1	0	0.00			
00720	CYANIDE, TOTAL	Fresh Acute	0.022	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	0.2	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	250.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	50.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	2	0	0.00				1	0	0.00	1	0	0.00			
		Drinking Water	4.	0 &	0	0.00												
01027	CADMIUM, TOTAL	Fresh Acute	3.9	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	5.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	1300.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	15.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
01059	THALLIUM, TOTAL	Fresh Acute	1400.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	2.	0 &	0	0.00												
01067	NICKEL, TOTAL	Fresh Acute	1400.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	100.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0245

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01077	SILVER, TOTAL	Fresh Acute	4.1	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	100.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	3	1	0.33	1	1	1.00	1	0	0.00	1	0	0.00			
		Drinking Water	5000.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	50.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	2	2	1.00				1	1	1.00	1	1	1.00			
32101	BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
32102	CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	5.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
32103	1,2-DICHLOROETHANE,WHOLE WATER	Fresh Acute	118000.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	5.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
32104	BROMOFORM, WHOLE WATER	Drinking Water	100.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
32105	DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
32106	CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	100.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	1000.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34205	ACENAPHTHENE, TOTAL	Fresh Acute	1700.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34210	ACROLEIN, TOTAL	Fresh Acute	68.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34215	ACRYLONITRILE, TOTAL	Fresh Acute	7550.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34301	CHLOROBENZENE, TOTAL	Drinking Water	100.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34356	ENDOSULFAN, BETA, TOTAL	Fresh Acute	0.22	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34361	ENDOSULFAN, ALPHA, TOTAL	Fresh Acute	0.22	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34371	ETHYLBENZENE, TOTAL	Fresh Acute	32000.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	700.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34376	FLUORANTHENE, TOTAL	Fresh Acute	3980.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL	Fresh Acute	7.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	50.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34396	HEXACHLOROETHANE, TOTAL	Fresh Acute	980.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34403	INDENO (1,2,3-CD) PYRENE, TOTAL	Drinking Water	0.4	0 &	0	0.00												
34408	ISOPHORONE, TOTAL	Fresh Acute	117000.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34423	METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34447	NITROBENZENE, TOTAL	Fresh Acute	27000.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34452	PARACHLOROMETA CRESOL, TOTAL	Fresh Acute	30.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34461	PHENANTHRENE, TOTAL	Fresh Acute	30.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34475	TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	5.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34501	1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34506	1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34511	1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34536	1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34541	1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34551	1,2,4-TRICHLOROBENZENE, TOTAL	Drinking Water	70.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34566	1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34571	1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34586	2-CHLOROPHENOL, TOTAL	Fresh Acute	4380.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34601	2,4-DICHLOROPHENOL, TOTAL	Fresh Acute	2020.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34606	2,4-DIMETHYLPHENOL, TOTAL	Fresh Acute	2120.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34611	2,4-DINITROTOLUENE, TOTAL	Fresh Acute	330.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34694	PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	Fresh Acute	10200.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34696	NAPHTHALENE, TOTAL	Fresh Acute	2300.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	1.	0 &	0	0.00												
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	Fresh Acute	2000.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	6.	3	1	0.33	1	0	0.00	1	0	0.00	1	1	1.00			
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0245

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	5.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
39300	P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
39310	P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
39320	P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	0.2	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	2.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	2.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	0 &	0	0.00												
		Drinking Water	3.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	0.4	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	0.2	0 &	0	0.00												
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	1.	0 &	0	0.00												
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPL	Fresh Acute	90.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	2.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
77093	CIS-1,2-DICHLOROETHYLENE, WHOLE WATER	Drinking Water	70.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
77128	STYRENE, WHOLE WATER	Drinking Water	100.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
77651	1,2-DIBROMOETHANE, WHOLE WATER	Drinking Water	0.05	0 &	0	0.00												
82625	DIBROMOCHLOROPROPANE, WATER, TOTAL RECOV	Drinking Water	0.2	0 &	0	0.00												

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0246

NPS Station ID: CHCH0246
LAT/LON: 35.051115/ -85.287227
Agency: 21TNWQ
Date Created: / /
Location: CITICO CREEK
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 000640 /330640 /230640
RMI-Indexes: 1021500 007720 00920 6164
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 465.30 000.10
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER
ECO Region:
RF1 Index: 06020001006
RF1 Mile Point: 4.040
Distance from RF1: 8.90
On/Off RF1: ON
RF3 Index: 06020001124001.53
RF3 Mile Point: 1.75
Distance from RF3: 0.08
On/Off RF3:
Description:
BRIDGE ON RIVERSIDE DRIVE

Parameter Inventory for Station: CHCH0246

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/25/65-05/27/65	3	24.	23.667	24.	23.	0.333	0.577	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/25/65-05/27/65	3	0.5	0.4	0.5	0.2	0.03	0.173	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	05/25/65-05/27/65	3	27.	29.667	40.	22.	86.333	9.292	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0246

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	3	3	1.00							3	3	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0247

NPS Station ID: CHCH0247
Location: TENNESSEE R GIRL'S PREP SCHOOL
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes: 1021500 007720 00920
RMI-Miles: 0953.80 0046.50 464.50
HUC: 06020001
Major Basin: SOUTHEAST
Minor Basin: TENNESSEE RIVER BASIN
RF1 Index: 06020001006
RF3 Index: 06020001000205.43
Description:

LAT/LON: 35.051115/ -85.303615

Depth of Water: 0
Elevation: 0

RF1 Mile Point: 3.210
RF3 Mile Point: 5.72

Agency: 1113S090
FIPS State/County: 47065 TENNESSEE/HAMILTON
STORET Station ID(s): 470230 /GPS-01
Within Park Boundary: No

Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.02

Date Created: / /

On/Off RF1: ON
On/Off RF3:

Parameter Inventory for Station: CHCH0247

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

***** Data for this station locked by controlling agency *****

Station Inventory for Station: CHCH0248

NPS Station ID: CHCH0248
LAT/LON: 35.051115/ -85.328060
Agency: 131TVAC
Date Created: / /
Location: NICKAJACK RESERVOIR
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475343 /0990
RMI-Indexes: 1021500 007720 00920
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 463.00
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER 463.0
ECO Region:
RF1 Index: 06020001006
RF1 Mile Point: 1.900
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 06020001000600.90
RF3 Mile Point: 1.08
Distance from RF3: 0.08
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0248

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/07/67-12/20/73	7	1.	0.571	1.	0.	0.286	0.535	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/21/73-12/20/73	3	13.9	12.367	15.2	8.	14.723	3.837	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/21/73-12/20/73	3	8.8	8.767	9.9	7.6	1.323	1.15	**	**	**	**
00400	PH (STANDARD UNITS)	11/21/73-12/20/73	3	7.1	6.9	7.4	6.2	0.39	0.624	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/21/73-12/20/73	3	7.1	6.602	7.4	6.2	0.523	0.723	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/21/73-12/20/73	3	0.079	0.25	0.631	0.04	0.109	0.33	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/21/73-12/20/73	3	60.	53.	62.	37.	193.	13.892	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	11/21/73-12/20/73	3	0.	0.	0.	0.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/21/73-12/20/73	4	11900.	50525.	170000.	8300.	6349942500.	79686.526	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/21/73-12/20/73	4	4.069	4.322	5.23	3.919	0.376	0.613	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			20975.884								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/07/67-09/07/67	3	620.	556.667	940.	110.	175233.333	418.609	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/07/67-09/07/67	3	2.792	2.602	2.973	2.041	0.244	0.494	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			400.225								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/07/67-09/07/67	3	110.	153.667	340.	11.	28490.333	168.791	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/07/67-09/07/67	3	2.041	1.871	2.531	1.041	0.577	0.759	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			74.374								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/21/73-12/20/73	4	2650.	17000.	61000.	1700.	861020000.	29343.142	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/21/73-12/20/73	4	3.405	3.707	4.785	3.23	0.535	0.731	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			5087.481								
70001	COMPOSITE LOCATION IN A CROSS SECTION	09/07/67-09/07/67	1	1122.	1122.	1122.	1122.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0248

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	3	0	0.00				3	0	0.00						
00400	PH	Fresh Chronic	9.	3	0	0.00				3	0	0.00						
		Other-Lo Lim.	6.5	3	1	0.33				3	1	0.33						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	4	4	1.00				4	4	1.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	3	0	0.00	3	0	0.00									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	3	1	0.33	3	1	0.33									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	4	4	1.00				4	4	1.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0249

NPS Station ID: CHCH0249
LAT/LON: 35.051948/ -85.286392
Agency: 1113S000
Date Created: / /
Location: CITICO CK 100 YDS UPSTRM RIVRSID
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 470069 /TR-C-1
RMI-Indexes: 1021500 007720 00920 6164
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 465.30 000.20
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001006
RF1 Mile Point: 4.540
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 06020001000600.90
RF3 Mile Point: 5.68
Distance from RF3: 0.05
On/Off RF3:
Description:
CITICO CREEK---APPROXIMATELY 100 YARDS UPSTREAM FROM RIVERSIDE DRIVE BRIDGE AT MILE 0.2.
STUDY CONDUCTED BY CREW FROM SOUTHEAST WATER LABORATORY IN JUNE 1972. CHARLES SWEATT-PROJECT ENGINEER; TOM BENNETT-CHEMIST.

Parameter Inventory for Station: CHCH0249

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/72-06/23/72	3	21.	21.167	21.5	21.	0.083	0.289	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/20/72-06/23/72	4	2.3	3.075	5.5	2.2	2.616	1.617	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	06/21/72-06/23/72	3	7.	14.533	31.	5.6	203.853	14.278	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/20/72-06/23/72	4	7.	7.	7.4	6.6	0.107	0.327	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/20/72-06/23/72	4	7.	6.911	7.4	6.6	0.117	0.342	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/20/72-06/23/72	4	0.1	0.123	0.251	0.04	0.008	0.09	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	06/20/72-06/23/72	4	345.	376.5	601.	215.	31318.333	176.97	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	06/20/72-06/23/72	4	318.	331.	550.	138.	34788.667	186.517	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/20/72-06/23/72	4	43.5	45.5	77.	18.	623.	24.96	**	**	**	**
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	06/22/72-06/23/72	2	54.	54.	89.	19.	2450.	49.497	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/20/72-06/23/72	4	0.98	1.26	2.68	0.4	0.993	0.996	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/20/72-06/23/72	4	1.4	1.655	3.05	0.77	1.155	1.075	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/20/72-06/23/72	4	1.43	1.35	1.9	0.64	0.284	0.533	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/20/72-06/23/72	4	0.48	0.54	0.81	0.39	0.034	0.186	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/20/72-06/23/72	4	13.5	16.5	29.	10.	72.333	8.505	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	06/23/72-06/23/72	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	06/23/72-06/23/72	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	06/23/72-06/23/72	1	3300.	3300.	3300.	3300.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	06/23/72-06/23/72	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	06/23/72-06/23/72	1	730.	730.	730.	730.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	06/23/72-06/23/72	1	970.	970.	970.	970.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/20/72-06/23/72	4	305000.	578000.	1700000.	2000.616722666666.667		785316.921	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/20/72-06/23/72	4	5.289	5.027	6.23	3.301	1.653	1.286	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			106473.782								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/20/72-06/23/72	4	66000.	88250.	220000.	1000.11384250000.		106697.001	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/20/72-06/23/72	4	4.207	4.189	5.342	3.	1.463	1.209	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			15464.967								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/22/72-06/23/72	2	8.5	8.5	9.	8.	0.5	0.707	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0249

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	3	0.75	4	3	0.75									
00403	PH, LAB	Fresh Chronic	9.	4	0	0.00	4	0	0.00									
		Other-Lo Lim.	6.5	4	0	0.00	4	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	4	0	0.00	4	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	0 &	0	0.00												
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	0 &	0	0.00												
01092	ZINC, TOTAL	Fresh Acute	120.	1	1	1.00	1	1	1.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	4	4	1.00	4	4	1.00									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	3 &	3	1.00	3	3	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0250

NPS Station ID: CHCH0250
LAT/LON: 35.052226/ -85.343893
Agency: 1113S000
Date Created: / /
Location: TENN R MOCCASIN BEND STP EFF
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/MUN/TREATD/OUTFL/STREAM
STORET Station ID(s): 470238 /TR-MB-1
RMI-Indexes: 1021500 007720 00920
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 458.00
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001002
RF1 Mile Point: 6.300
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 06020001000201.54
RF3 Mile Point: 2.46
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0250

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/28/73-03/07/73	4	20.	19.5	20.	18.	1.	1.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	02/27/73-03/06/73	5	21460.	23686.	27780.	20690.	13680230.	3698.679	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	02/27/73-03/06/73	5	185.	177.6	192.	159.	265.8	16.303	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	02/27/73-03/06/73	5	388.	408.6	485.	340.	3374.8	58.093	**	**	**	**
00400	PH (STANDARD UNITS)	02/28/73-02/28/73	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/28/73-02/28/73	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/28/73-02/28/73	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	02/27/73-03/06/73	5	7.3	7.24	7.4	7.	0.023	0.152	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	02/27/73-03/06/73	5	7.3	7.217	7.4	7.	0.024	0.154	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/27/73-03/06/73	5	0.05	0.061	0.1	0.04	0.001	0.024	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	03/01/73-03/06/73	3	884.	992.667	1261.	833.	54652.333	233.778	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/01/73-03/06/73	3	142.	141.333	167.	115.	676.333	26.006	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/01/73-03/06/73	3	749.	859.667	1186.	644.	82626.333	287.448	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/01/73-03/06/73	3	84.	133.	240.	75.	8607.	92.774	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/01/73-03/06/73	3	52.	69.667	105.	52.	936.333	30.6	**	**	**	**
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	02/27/73-02/28/73	2	27.5	27.5	30.	25.	12.5	3.536	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/27/73-03/06/73	5	10.5	10.38	13.8	5.7	8.717	2.952	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/27/73-03/06/73	4	19.5	18.15	21.2	12.4	15.337	3.916	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/27/73-03/06/73	5 ##	0.005	0.01	0.03	0.005	0.	0.011	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/27/73-03/06/73	5	5.5	5.56	6.3	4.7	0.478	0.691	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/27/73-03/06/73	5	100.	102.	110.	100.	20.	4.472	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/27/73-03/06/73	5	281.	282.6	335.	235.	1315.3	36.267	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	02/27/73-03/06/73	5	50.	53.4	60.	50.	22.8	4.775	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	02/27/73-03/06/73	5	1890.	1854.	1980.	1670.	13430.	115.888	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	02/27/73-03/06/73	5 ##	50.	58.	90.	50.	320.	17.889	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	02/27/73-03/06/73	5	300.	310.6	355.	290.	666.8	25.822	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	02/27/73-03/06/73	5	250.	248.8	318.	150.	4423.2	66.507	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	02/27/73-03/06/73	5	384.	383.2	430.	322.	1707.2	41.318	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/27/73-03/07/73	22	6450.	200405.909	1300000.	20.15	21642316	25.325	390082.34	68.	650.	207500.	1072000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/27/73-03/07/73	22	3.798	3.903	6.114	1.301	2.261	1.504	1.802	2.764	5.289	5.999
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			7998.948								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/27/73-03/07/73	22	765.	8523.182	70000.	10.	316790603.68	17798.612	10.	17.5	4475.	33000.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/27/73-03/07/73	22	2.883	2.612	4.845	1.	1.781	1.334	1.	1.226	3.615	4.519
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			409.108								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	02/27/73-03/06/73	5	820.	966.	1550.	590.	161530.	401.908	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	02/27/73-03/06/73	5	0.9	0.98	1.4	0.8	0.062	0.249	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0250

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00403	PH, LAB	Fresh Chronic	9.	5	0	0.00				2	0	0.00	3	0	0.00			
		Other-Lo Lim.	6.5	5	0	0.00				2	0	0.00	3	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	5	0	0.00				2	0	0.00	3	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	5	5	1.00				2	2	1.00	3	3	1.00			
01042	COPPER, TOTAL	Fresh Acute	18.	5	5	1.00				2	2	1.00	3	3	1.00			
		Drinking Water	1300.	5	0	0.00				2	0	0.00	3	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	5	1	0.20				2	1	0.50	3	0	0.00			
		Drinking Water	15.	1 &	1	1.00				1	1	1.00						
01067	NICKEL, TOTAL	Fresh Acute	1400.	5	0	0.00				2	0	0.00	3	0	0.00			
		Drinking Water	100.	5	5	1.00				2	2	1.00	3	3	1.00			
01092	ZINC, TOTAL	Fresh Acute	120.	5	5	1.00				2	2	1.00	3	3	1.00			
		Drinking Water	5000.	5	0	0.00				2	0	0.00	3	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	21 &	15	0.71				9	4	0.44	12	11	0.92			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	20 &	10	0.50				8	3	0.38	12	7	0.58			
71900	MERCURY, TOTAL	Fresh Acute	2.4	5	0	0.00				2	0	0.00	3	0	0.00			
		Drinking Water	2.	5	0	0.00				2	0	0.00	3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0251

NPS Station ID: CHCH0251
LAT/LON: 35.052504/ -85.270003
Agency: 131TVAC
Date Created: / /
Location: ABOVE RIVERSIDE DRIVE BRIDGE
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475752 /2630
RMI-Indexes: 1021500 007720 00920 6164
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 465.30 000.14
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: CITICO CREEK 0.14
ECO Region:
RF1 Index: 06020001006
RF1 Mile Point: 4.640
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 06020001006700.00
RF3 Mile Point: 3.19
Distance from RF3: 0.04
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0251

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/23/73-12/04/73	14	1.	1.071	2.	1.	0.071	0.267	1.	1.	1.	1.5
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/23/73-12/04/73	13	21.7	20.992	27.2	10.	23.219	4.819	12.12	18.3	24.45	27.2
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/23/73-12/04/73	11	2.	3.891	17.	0.5	29.557	5.437	0.52	0.7	3.	16.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/23/73-12/04/73	13	15.	17.231	30.	9.	41.359	6.431	9.4	12.5	22.5	28.
00080	COLOR (PLATINUM-COBALT UNITS)	01/23/73-12/04/73	13	45.	45.769	90.	20.	553.526	23.527	20.	25.	65.	86.
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	01/23/73-12/04/73	13	120.	118.846	200.	25.	3000.641	54.778	35.	75.	160.	200.
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	01/23/73-12/04/73	13	4.	4.038	12.	0.5	12.686	3.562	0.7	1.	7.	10.4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/23/73-12/04/73	13	620.	740.769	1800.	480.	132474.359	363.97	480.	490.	795.	1520.
00300	OXYGEN, DISSOLVED MG/L	01/23/73-12/04/73	13 ##	0.05	1.058	6.	0.05	3.431	1.852	0.05	0.05	2.15	4.8
00310	BOD, 5 DAY, 20 DEG C MG/L	01/23/73-12/04/73	13	22.	28.262	59.	4.4	421.923	20.541	5.84	9.	48.	58.2
00335	COD, .025N K2CR2O7 MG/L	01/23/73-12/04/73	13	59.	78.615	160.	37.	1621.756	40.271	37.4	52.5	115.	152.
00400	PH (STANDARD UNITS)	01/23/73-12/04/73	13	7.	6.938	7.3	6.4	0.089	0.299	6.44	6.75	7.2	7.3
00400	CONVERTED PH (STANDARD UNITS)	01/23/73-12/04/73	13	7.	6.84	7.3	6.4	0.1	0.316	6.44	6.75	7.2	7.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/23/73-12/04/73	13	0.1	0.145	0.398	0.05	0.012	0.108	0.05	0.063	0.179	0.365
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/23/73-12/04/73	13	160.	155.308	210.	99.	1402.897	37.455	107.4	120.	190.	206.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/23/73-12/04/73	13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/23/73-10/23/73	10	390.	484.	1100.	320.	57248.889	239.267	320.	327.5	557.5	1054.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/23/73-12/04/73	13	15.	18.538	36.	2.	89.603	9.466	6.	13.	23.5	35.6
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/23/73-12/04/73	13	0.92	1.02	2.2	0.55	0.205	0.452	0.574	0.68	1.25	1.92
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/23/73-12/04/73	13	0.8	1.272	3.6	0.28	1.312	1.145	0.284	0.33	1.9	3.52
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/23/73-12/04/73	13 ##	0.025	0.58	2.6	0.025	0.816	0.903	0.025	0.025	0.895	2.48
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/23/73-12/04/73	13	0.424	0.717	1.793	0.326	0.298	0.546	0.326	0.375	1.092	1.767
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/23/73-12/04/73	13	0.137	0.391	1.337	0.052	0.223	0.473	0.058	0.118	0.685	1.324
00722	CYANIDE, FREE (AMENABLE TO CHLORINATION) MG/L	01/23/73-12/04/73	13 ##	0.005	0.009	0.02	0.005	0.	0.005	0.005	0.005	0.01	0.02
00916	CALCIUM, TOTAL (MG/L AS CA)	01/23/73-12/04/73	13	86.	93.769	120.	48.	483.192	21.982	56.4	82.	115.	120.
00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/23/73-12/04/73	13	8.6	8.554	11.	5.5	1.929	1.389	6.14	7.6	9.35	10.6
00929	SODIUM, TOTAL (MG/L AS NA)	01/23/73-12/04/73	13	49.	72.154	310.	23.	6164.641	78.515	23.4	28.	74.	242.
00937	POTASSIUM, TOTAL MG/L AS K)	01/23/73-12/04/73	13	10.	10.6	17.	1.3	20.048	4.478	2.94	7.55	14.	16.6
00940	CHLORIDE,TOTAL IN WATER MG/L	01/23/73-12/04/73	13	55.	91.462	460.	20.	14675.269	121.142	21.6	29.	89.	356.
00945	SULFATE, TOTAL (MG/L AS SO4)	01/23/73-12/04/73	13	58.	68.154	110.	39.	534.808	23.126	41.8	50.	82.	110.
00951	FLUORIDE, TOTAL (MG/L AS F)	01/23/73-12/04/73	13	0.44	0.424	0.7	0.27	0.012	0.109	0.282	0.335	0.46	0.62
00956	SILICA, TOTAL (MG/L AS SI02)	01/23/73-12/04/73	13	12.	11.562	13.	8.3	2.599	1.612	8.98	10.	13.	13.
01002	ARSENIC, TOTAL (UG/L AS AS)	01/23/73-12/04/73	13 ##	2.5	3.846	10.	2.5	7.933	2.817	2.5	2.5	3.75	10.
01007	BARIUM, TOTAL (UG/L AS BA)	01/23/73-12/04/73	13	100.	100.	200.	50.	3750.	61.237	50.	50.	150.	200.
01012	BERYLLIUM, TOTAL (UG/L AS BE)	01/23/73-12/04/73	13 ##	5.	6.538	20.	5.	18.269	4.274	5.	5.	5.	16.
01027	CADMIUM, TOTAL (UG/L AS CD)	01/23/73-12/04/73	13	3.	4.615	13.	1.	13.256	3.641	1.4	2.5	6.5	11.8
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/23/73-12/04/73	13	14.	22.654	85.	2.5	627.683	25.054	2.5	4.75	27.	77.
01042	COPPER, TOTAL (UG/L AS CU)	01/23/73-12/04/73	13	20.	16.154	30.	5.	100.641	10.032	5.	5.	25.	30.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0251

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01045	IRON, TOTAL (UG/L AS FE)	01/23/73-12/04/73	13	1500.	1584.615	2500.	1200.	158076.923	397.589	1240.	1400.	1550.	2460.
01046	IRON, DISSOLVED (UG/L AS FE)	01/23/73-12/04/73	13	240.	330.385	760.	25.	68876.923	262.444	39.	105.	605.	736.
01047	IRON, FERROUS (UG/L AS FE)	01/23/73-12/04/73	13	870.	713.077	1200.	90.	167956.41	409.825	142.	225.	1000.	1200.
01051	LEAD, TOTAL (UG/L AS PB)	01/23/73-12/04/73	13	11.	27.385	130.	5.	1363.09	36.92	5.	5.	32.5	108.8
01055	MANGANESE, TOTAL (UG/L AS MN)	01/23/73-12/04/73	13	800.	793.077	1200.	430.	59706.41	244.349	434.	530.	965.	1120.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	01/23/73-12/04/73	13	850.	720.769	1100.	260.	65774.359	256.465	300.	465.	900.	1036.
01067	NICKEL, TOTAL (UG/L AS NI)	01/23/73-12/04/73	13 ##	25.	25.	25.	25.	0.	0.	25.	25.	25.	25.
01077	SILVER, TOTAL (UG/L AS AG)	01/23/73-12/04/73	13 ##	5.	5.385	10.	5.	1.923	1.387	5.	5.	5.	8.
01092	ZINC, TOTAL (UG/L AS ZN)	01/23/73-12/04/73	13	50.	93.846	320.	30.	7892.308	88.839	34.	40.	140.	272.
01105	ALUMINUM, TOTAL (UG/L AS AL)	01/23/73-12/04/73	13	600.	1053.846	3800.	100.	1606025.641	1267.291	100.	200.	1350.	3720.
01147	SELENIUM, TOTAL (UG/L AS SE)	01/23/73-12/04/73	12	2.5	3.292	7.	0.5	6.43	2.536	0.5	0.875	6.	7.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/23/73-12/04/73	13	80000.	212333.077	1120000.	630.944	18893723.077	307276.575	2778.	13850.	325000.	828000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/23/73-12/04/73	13	4.903	4.795	6.049	2.799	0.799	0.894	3.191	4.141	5.511	5.866
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			62439.785								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/23/73-12/04/73	13	11000.	49371.923	230000.	5.	5389682139.744	73414.455	23.	290.	103000.	195600.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/23/73-12/04/73	13	4.041	3.69	5.362	0.699	2.104	1.45	1.099	2.458	5.007	5.28
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4896.543								
32250	OIL, PETROLEUM ETHER EXTRACTABLES (MG/L)	01/23/73-07/30/73	6 ##	5.	7.5	20.	5.	37.5	6.124	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/23/73-12/04/73	13	6.	8.423	34.	0.5	90.077	9.491	0.7	3.	8.	29.6
46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	01/23/73-12/04/73	13	250.	268.462	340.	140.	3564.103	59.7	164.	240.	325.	340.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/06/73-12/04/73	3	430.	416.667	440.	380.	1033.333	32.146	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	01/23/73-12/04/73	13 ##	0.1	0.331	1.9	0.1	0.246	0.496	0.1	0.1	0.35	1.38

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0251

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	13	0	0.00	7	0	0.00	4	0	0.00	2	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4 &	3	0.75	2	2	1.00	2	1	0.50						
00400	PH	Fresh Chronic	9.	13	0	0.00	7	0	0.00	4	0	0.00	2	0	0.00			
		Other-Lo Lim.	6.5	13	2	0.15	7	2	0.29	4	0	0.00	2	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	13	0	0.00	7	0	0.00	4	0	0.00	2	0	0.00			
00722	CYANIDE, FREE (AMENABLE TO CHLORINATION)	Fresh Acute	0.022	13	0	0.00	7	0	0.00	4	0	0.00	2	0	0.00			
		Drinking Water	0.2	13	0	0.00	7	0	0.00	4	0	0.00	2	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	13	0	0.00	7	0	0.00	4	0	0.00	2	0	0.00			
		Drinking Water	250.	13	1	0.08	7	1	0.14	4	0	0.00	2	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	13	0	0.00	7	0	0.00	4	0	0.00	2	0	0.00			
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	13	0	0.00	7	0	0.00	4	0	0.00	2	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	13	0	0.00	7	0	0.00	4	0	0.00	2	0	0.00			
		Drinking Water	50.	13	0	0.00	7	0	0.00	4	0	0.00	2	0	0.00			
01007	BARIUM, TOTAL	Drinking Water	2000.	13	0	0.00	7	0	0.00	4	0	0.00	2	0	0.00			
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	13	0	0.00	7	0	0.00	4	0	0.00	2	0	0.00			
		Drinking Water	4.	2 &	2	1.00				2	2	1.00						
01027	CADMIUM, TOTAL	Fresh Acute	3.9	13	5	0.38	7	1	0.14	4	4	1.00	2	0	0.00			
		Drinking Water	5.	13	3	0.23	7	0	0.00	4	3	0.75	2	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	13	0	0.00	7	0	0.00	4	0	0.00	2	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	13	7	0.54	7	4	0.57	4	1	0.25	2	2	1.00			
		Drinking Water	1300.	13	0	0.00	7	0	0.00	4	0	0.00	2	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	13	1	0.08	7	1	0.14	4	0	0.00	2	0	0.00			
		Drinking Water	15.	13	5	0.38	7	2	0.29	4	2	0.50	2	1	0.50			
01067	NICKEL, TOTAL	Fresh Acute	1400.	13	0	0.00	7	0	0.00	4	0	0.00	2	0	0.00			
		Drinking Water	100.	13	0	0.00	7	0	0.00	4	0	0.00	2	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	1 &	1	1.00				1	1	1.00						
		Drinking Water	100.	13	0	0.00	7	0	0.00	4	0	0.00	2	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	13	3	0.23	7	2	0.29	4	0	0.00	2	1	0.50			
		Drinking Water	5000.	13	0	0.00	7	0	0.00	4	0	0.00	2	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	12	0	0.00	7	0	0.00	4	0	0.00	1	0	0.00			
		Drinking Water	50.	12	0	0.00	7	0	0.00	4	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0251

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	13	12	0.92	7	7	1.00	4	3	0.75	2	2	1.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	13	11	0.85	7	7	1.00	4	2	0.50	2	2	1.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	13	0	0.00	7	0	0.00	4	0	0.00	2	0	0.00			
		Drinking Water	2.	13	0	0.00	7	0	0.00	4	0	0.00	2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0252

NPS Station ID: CHCH0252
LAT/LON: 35.052504/ -85.275003
Agency: 131TVAC
Date Created: / /
Location: TRIB. TO CITICO CR. 0.67
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475765 /2636
RMI-Indexes: 1021500 007720 00920 6164 0020
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 465.30 000.67 000.38
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: UNNAMED TRIB. 0.38
ECO Region:
RF1 Index: 06020001006
RF1 Mile Point: 3.570
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 06020001042600.68
RF3 Mile Point: 1.50
Distance from RF3: 0.07
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0252

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/26/73-02/26/73	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/26/73-02/26/73	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/26/73-02/26/73	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	02/26/73-02/26/73	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	02/26/73-02/26/73	1	35.	35.	35.	35.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	02/26/73-02/26/73	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/26/73-02/26/73	1	470.	470.	470.	470.	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	02/26/73-02/26/73	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	02/26/73-02/26/73	1	45.	45.	45.	45.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	02/26/73-02/26/73	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/26/73-02/26/73	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/26/73-02/26/73	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/26/73-02/26/73	1	170.	170.	170.	170.	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	02/26/73-02/26/73	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	02/26/73-02/26/73	1	270.	270.	270.	270.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/26/73-02/26/73	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	02/26/73-02/26/73	1	0.77	0.77	0.77	0.77	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/26/73-02/26/73	1	0.37	0.37	0.37	0.37	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/26/73-02/26/73	1	0.78	0.78	0.78	0.78	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/26/73-02/26/73	1	0.945	0.945	0.945	0.945	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	02/26/73-02/26/73	1	0.945	0.945	0.945	0.945	0.	0.	**	**	**	**
00722	CYANIDE, FREE (AMENABLE TO CHLORINATION) MG/L	02/26/73-02/26/73	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	02/26/73-02/26/73	1	68.	68.	68.	68.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	02/26/73-02/26/73	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	02/26/73-02/26/73	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	02/26/73-02/26/73	1	2.8	2.8	2.8	2.8	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	02/26/73-02/26/73	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	02/26/73-02/26/73	1	34.	34.	34.	34.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	02/26/73-02/26/73	1	0.37	0.37	0.37	0.37	0.	0.	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	02/26/73-02/26/73	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	02/26/73-02/26/73	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	02/26/73-02/26/73	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	02/26/73-02/26/73	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	02/26/73-02/26/73	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/26/73-02/26/73	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	02/26/73-02/26/73	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	02/26/73-02/26/73	1	500.	500.	500.	500.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	02/26/73-02/26/73	1	80.	80.	80.	80.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0252

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01047	IRON, FERROUS (UG/L AS FE)	02/26/73-02/26/73	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	02/26/73-02/26/73	1	17.	17.	17.	17.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	02/26/73-02/26/73	1	160.	160.	160.	160.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	02/26/73-02/26/73	1	190.	190.	190.	190.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	02/26/73-02/26/73	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	02/26/73-02/26/73	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	02/26/73-02/26/73	1	70.	70.	70.	70.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	02/26/73-02/26/73	1	200.	200.	200.	200.	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	02/26/73-02/26/73	1	7.	7.	7.	7.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	02/26/73-02/26/73	1	102000.	102000.	102000.	102000.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	02/26/73-02/26/73	1	5.009	5.009	5.009	5.009	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			102000.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/26/73-02/26/73	1	4600.	4600.	4600.	4600.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/26/73-02/26/73	1	3.663	3.663	3.663	3.663	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4600.								
32250	OIL, PETROLEUM ETHER EXTRACTABLES (MG/L)	02/26/73-02/26/73	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	02/26/73-02/26/73	1	5.	5.	5.	5.	0.	0.	**	**	**	**
46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	02/26/73-02/26/73	1	200.	200.	200.	200.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	02/26/73-02/26/73	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0252

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00				1	0	0.00						
00400	PH	Fresh Chronic	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00				1	0	0.00						
00722	CYANIDE, FREE (AMENABLE TO CHLORINATION)	Fresh Acute	0.022	1	1	1.00				1	1	1.00						
		Drinking Water	0.2	1	0	0.00				1	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
		Drinking Water	250.	1	0	0.00				1	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00				1	0	0.00						
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	1	0	0.00				1	0	0.00						
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						
01007	BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00				1	0	0.00						
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	1	0	0.00				1	0	0.00						
		Drinking Water	4.	0 &	0	0.00												
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00				1	0	0.00						
		Drinking Water	5.	1	0	0.00				1	0	0.00						
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00				1	0	0.00						
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00				1	0	0.00						
		Drinking Water	1300.	1	0	0.00				1	0	0.00						
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00				1	0	0.00						
		Drinking Water	15.	1	1	1.00				1	1	1.00						
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00				1	0	0.00						
		Drinking Water	100.	1	0	0.00				1	0	0.00						
01077	SILVER, TOTAL	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	100.	1	0	0.00				1	0	0.00						
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00				1	0	0.00						
		Drinking Water	5000.	1	0	0.00				1	0	0.00						
01147	SELENIUM, TOTAL	Fresh Acute	20.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	1	1.00				1	1	1.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	1	1.00				1	1	1.00						
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00				1	0	0.00						
		Drinking Water	2.	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0253

NPS Station ID: CHCH0253
Location: RIVERSIDE DRIVE BRIDGE
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes: 1021500 007720 00920 6164
RMI-Miles: 0953.80 0046.50 465.30 000.11
HUC: 06020001
Major Basin: TENNESSEE RIVER BASIN
Minor Basin: CITICO CREEK 0.11
RF1 Index: 06020001
RF3 Index: 06020001010400.00
Description:

LAT/LON: 35.052781/ -85.270559
Depth of Water: 0
Elevation: 0
RF1 Mile Point: 0.000
RF3 Mile Point: 0.42

Agency: 131TVAC
FIPS State/County: 47065 TENNESSEE/HAMILTON
STORET Station ID(s): 475352 /2627
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 5.60
Distance from RF3: 0.01

Date Created: / /
On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: CHCH0253

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/06/67-12/05/73	3	1.	1.	1.	1.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/06/67-10/13/67	2	19.9	19.9	22.8	17.	16.82	4.101	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/06/67-10/13/67	2	10.	10.	10.	10.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/06/67-10/13/67	2	4.8	4.8	5.3	4.3	0.5	0.707	**	**	**	**
00304	BOD, 2 DAY, 20 DEG C MG/L	09/06/67-10/13/67	2	3.9	3.9	6.	1.8	8.82	2.97	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/06/67-10/13/67	2	5.85	5.85	9.	2.7	19.845	4.455	**	**	**	**
00400	PH (STANDARD UNITS)	09/06/67-10/13/67	2	7.45	7.45	7.8	7.1	0.245	0.495	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/06/67-10/13/67	2	7.322	7.322	7.8	7.1	0.278	0.527	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/06/67-10/13/67	2	0.048	0.048	0.079	0.016	0.002	0.045	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	09/06/67-10/13/67	2	185.	185.	200.	170.	450.	21.213	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/06/67-10/13/67	2	140.	140.	170.	110.	1800.	42.426	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	10/13/67-10/13/67	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/67-10/13/67	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/13/67-10/13/67	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/13/67-10/13/67	1	0.62	0.62	0.62	0.62	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/06/67-12/05/73	2	21000.	21000.	25000.	17000.	32000000.	5656.854	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/06/67-12/05/73	2	4.314	4.314	4.398	4.23	0.014	0.118	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			20615.528								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/06/67-12/05/73	3	2400.	1966.667	2500.	1000.	703333.333	838.65	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/06/67-12/05/73	3	3.38	3.259	3.398	3.	0.051	0.225	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1817.121								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0253

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	2	0	0.00									
00400	PH	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	2	1.00	1	1	1.00	1	1	1.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	3	3	1.00	2	2	1.00	1	1	1.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0254

NPS Station ID: CHCH0254 LAT/LON: 35.052781/ -85.277781 Agency: 1113S000 Date Created: / /
Location: CITIGO CREEK TRIBUTARY FROM SOUTHERN RAILROAD FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM STORET Station ID(s): 470000 /TR-CC-1
RMI-Indexes: 1021500 007720 00920 6164 Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 465.30 000.90
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN ECO Region:
RF1 Index: 06020001006 RF1 Mile Point: 4.890 Distance from RF1: 11.00 On/Off RF1: OFF
RF3 Index: 06020001008900.78 RF3 Mile Point: 5.03 Distance from RF3: 0.03 On/Off RF3:
Description:
SOUTHERN RAILWAY SYSTEM---AT THE DEBUTTS YARD TREATMENT FACILITY. SAMPLES WERE COLLECTED AT THE DISCHARGE WEIR BEFORE THE WASTE ENTERED AN UNNAMED BRANCH 0.1 MILE ABOVE ITS CONFLUENCE WITH CITICO CREEK. THE BRANCH ENTERS CITICO CREEK AT MILE 0.8. STUDY CONDUCTED BY CREW FROM SOUTHEAST WATER LABORATORY IN JUNE 1972. CHARLES SWEATT-PROJECT ENGINEER; TOM BENNETT-CHEMIST.

Parameter Inventory for Station: CHCH0254

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/72-06/24/72	5	27.	26.6	28.	24.	2.3	1.517	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	06/20/72-06/23/72	4	276.	326.	476.	276.	10000.	100.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	06/20/72-06/23/72	4	34.	53.	120.	24.	2041.333	45.181	**	**	**	**
00400	PH (STANDARD UNITS)	06/20/72-06/24/72	5	6.4	6.2	7.4	5.2	0.82	0.906	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/20/72-06/24/72	5	6.4	5.658	7.4	5.2	1.187	1.089	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/20/72-06/24/72	5	0.398	2.196	6.31	0.04	7.943	2.818	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/19/72-06/23/72	5	7.	7.	7.2	6.7	0.045	0.212	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/19/72-06/23/72	5	7.	6.957	7.2	6.7	0.047	0.217	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/19/72-06/23/72	5	0.1	0.11	0.2	0.063	0.003	0.056	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	06/19/72-06/23/72	5	502.	520.6	695.	306.	27200.3	164.925	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	06/19/72-06/23/72	5	459.	499.6	691.	286.	28550.3	168.968	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/19/72-06/23/72	5	20.	21.	43.	4.	203.5	14.265	**	**	**	**
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	06/20/72-06/23/72	4	11.	43.625	150.	2.5	5069.229	71.199	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/19/72-06/23/72	5	0.11	0.124	0.2	0.09	0.002	0.046	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/19/72-06/23/72	4	0.635	2.76	9.2	0.57	18.436	4.294	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/19/72-06/23/72	5	0.19	0.208	0.32	0.15	0.005	0.068	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/19/72-06/23/72	5	0.29	0.65	1.62	0.16	0.414	0.643	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/19/72-06/23/72	5	42.	54.4	120.	30.	1374.8	37.078	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	06/19/72-06/23/72	5 ##	25.	45.	90.	25.	862.5	29.368	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	06/19/72-06/23/72	5 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	06/19/72-06/23/72	5	1375.	1430.	2200.	875.	267000.	516.72	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	06/19/72-06/23/72	5 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	06/19/72-06/23/72	5	360.	363.	520.	255.	12545.	112.004	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	06/19/72-06/23/72	5	75.	72.	100.	35.	595.	24.393	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/20/72-06/24/72	6 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/20/72-06/24/72	6 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			10.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/20/72-06/24/72	6 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/20/72-06/24/72	6 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/20/72-06/24/72	5	23.	24.6	40.	17.	82.3	9.072	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0254

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	06/19/72-06/23/72	5	2.1	2.9	5.4	1.2	3.165	1.779	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0254

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	5	0	0.00	5	0	0.00									
		Other-Lo Lim.	6.5	5	3	0.60	5	3	0.60									
00403	PH, LAB	Fresh Chronic	9.	5	0	0.00	5	0	0.00									
		Other-Lo Lim.	6.5	5	0	0.00	5	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	5	0	0.00	5	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	5	0	0.00	5	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	0 &	0	0.00												
		Drinking Water	1300.	5	0	0.00	5	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	5	0	0.00	5	0	0.00									
		Drinking Water	15.	0 &	0	0.00												
01092	ZINC, TOTAL	Fresh Acute	120.	5	0	0.00	5	0	0.00									
		Drinking Water	5000.	5	0	0.00	5	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	6	0	0.00	6	0	0.00									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	6	0	0.00	6	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0255

NPS Station ID: CHCH0255
LAT/LON: 35.052781/ -85.285837
Agency: 1113S090
Date Created: / /
Location: CITICO CR RIVERSIDE DR BR MDSTRM
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM
STORET Station ID(s): 470010 /CCC-01
RMI-Indexes: 1021500 007720 00920 6164
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 465.30 000.20
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001006
RF1 Mile Point: 4.640
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 06020001000700.00
RF3 Mile Point: 0.24
Distance from RF3: 0.08
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0255

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

***** Data for this station locked by controlling agency *****

Station Inventory for Station: CHCH0256

NPS Station ID: CHCH0256
LAT/LON: 35.052781/ -85.286670
Agency: 1113S000
Date Created: / /
Location: CITICO CK AT AMNICOLA HWY
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 480120 /TR-CK-13
RMI-Indexes: 1021500 007720 00920 6164
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 465.30 000.10
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001006
RF1 Mile Point: 4.170
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 06020001000600.90
RF3 Mile Point: 3.27
Distance from RF3: 0.23
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0256

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/15/68-10/16/68	2	22.	22.	22.	22.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/15/68-10/16/68	2	0.1	0.1	0.2	0.	0.02	0.141	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	10/15/68-10/15/68	1	58.	58.	58.	58.	0.	0.	**	**	**	**
00380	CHLORINE DEMAND, 24 HOUR (MG/L)	10/15/68-10/15/68	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/16/68-10/16/68	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/16/68-10/16/68	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/16/68-10/16/68	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/16/68-10/16/68	1	174.	174.	174.	174.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/15/68-10/16/68	2	3.55	3.55	3.8	3.3	0.125	0.354	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/15/68-10/16/68	2	4.605	4.605	4.82	4.39	0.092	0.304	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/15/68-10/16/68	2	0.04	0.04	0.06	0.02	0.001	0.028	**	**	**	**
00685	CARBON, TOTAL INORGANIC (MG/L AS C)	10/15/68-10/15/68	1	1.	1.	1.	1.	0.	0.	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	10/16/68-10/16/68	1	26.	26.	26.	26.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0256

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	2	1.00	2	2	1.00									
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0257

NPS Station ID: CHCH0257
LAT/LON: 35.052781/ -85.286948
Agency: 1113S090
Date Created: / /
Location: CITICO CR CONTROL MDSTM MILE 0.1
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM
STORET Station ID(s): 470020 /CCC-03
RMI-Indexes: 1021500 007720 00920 6164
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 465.30 000.10
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001006
RF1 Mile Point: 4.540
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 06020001124000.00
RF3 Mile Point: 0.00
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0257

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

***** Data for this station locked by controlling agency *****

Station Inventory for Station: CHCH0258

NPS Station ID: CHCH0258
Location:
Station Type: /TYPA/AMBNT/STREAM/SOLIDS
RMI-Indexes: 1021500 007720 00920 6164
RMI-Miles: 0953.80 0046.50 465.30 000.01
HUC: 06020001
Major Basin: TENNESSEE RIVER BASIN
Minor Basin: CITICO CREEK 0.01
RF1 Index: 06020001006
RF3 Index: 06020001000700.00
Description:

LAT/LON: 35.052781/ -85.287781
Depth of Water: 0
Elevation: 0
RF1 Mile Point: 4.040
RF3 Mile Point: 0.14

Agency: 131TVAC
FIPS State/County: 47065 TENNESSEE/HAMILTON
STORET Station ID(s): 475890 /2624
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.02

Date Created: / /
On/Off RF1: ON
On/Off RF3:

Parameter Inventory for Station: CHCH0258

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/08/70-09/08/70	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: CHCH0259

NPS Station ID: CHCH0259
Location: TENN R GILMAN PAINT CO. EFF.
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM
RMI-Indexes: 1021500 007720 00920
RMI-Miles: 0953.80 0046.50 463.20
HUC: 06020001
Major Basin: SOUTHEAST
Minor Basin: TENNESSEE RIVER BASIN
RF1 Index: 06020001006
RF3 Index: 06020001000600.90
Description:

LAT/LON: 35.052781/ -85.321670
Depth of Water: 0
Elevation: 0
RF1 Mile Point: 2.150
RF3 Mile Point: 1.31

Agency: 1113S000
FIPS State/County: 47065 TENNESSEE/HAMILTON
STORET Station ID(s): 470304 /TR-GIL-1
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.03

Date Created: / /
On/Off RF1: ON
On/Off RF3:

Parameter Inventory for Station: CHCH0259

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	03/07/73-03/07/73	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	03/07/73-03/07/73	1	28.	28.	28.	28.	0.	0.	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	03/07/73-03/07/73	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/07/73-03/07/73	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/07/73-03/07/73	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/07/73-03/07/73	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	03/07/73-03/07/73	1	101.	101.	101.	101.	0.	0.	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/07/73-03/07/73	1	39.	39.	39.	39.	0.	0.	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/07/73-03/07/73	1	101.	101.	101.	101.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/07/73-03/07/73	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/07/73-03/07/73	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/07/73-03/07/73	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/07/73-03/07/73	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/07/73-03/07/73	1	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/07/73-03/07/73	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/07/73-03/07/73	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/07/73-03/07/73	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	03/07/73-03/07/73	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	03/07/73-03/07/73	1	195.	195.	195.	195.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	03/07/73-03/07/73	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	03/07/73-03/07/73	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	03/07/73-03/07/73	1 ##	40.	40.	40.	40.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	03/07/73-03/07/73	1	359.	359.	359.	359.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0259

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00							1	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00							1	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00							1	0	0.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0259

Parameter				Total	Exceed	Prop.	----------6/01-10/31----------			----------11/01-2/29----------			----------3/01-5/31----------			----------n/a----------		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	15.	0 &	0	0.00												
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	1	1	1.00							1	1	1.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0260

NPS Station ID: CHCH0260
LAT/LON: 35.053059/ -85.184170
Agency: 1113S000
Date Created: / /
Location: FRIARS BR AT SHALLOWFORD RD
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 480170 /TR-FB-5
RMI-Indexes: 1021500 007720 00920 6180 0230
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 008.70 001.50
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 06020001010400.00
RF3 Mile Point: 0.42
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0260

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/15/68-10/17/68	3	20.3	20.433	21.	20.	0.263	0.513	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	10/15/68-10/15/68	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00380	CHLORINE DEMAND, 24 HOUR (MG/L)	10/15/68-10/15/68	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/16/68-10/17/68	2	7.3	7.3	7.4	7.2	0.02	0.141	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/16/68-10/17/68	2	7.289	7.289	7.4	7.2	0.02	0.142	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/16/68-10/17/68	2	0.051	0.051	0.063	0.04	0.	0.016	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/15/68-10/17/68	3	83.	84.167	92.	77.5	53.583	7.32	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/15/68-10/17/68	3	144.	128.333	148.	93.	940.333	30.665	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/15/68-10/17/68	3	110.	112.667	125.	103.	126.333	11.24	**	**	**	**
00685	CARBON, TOTAL INORGANIC (MG/L AS C)	10/15/68-10/15/68	1	1.	1.	1.	1.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0260

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	3	1.00	3	3	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0261

NPS Station ID: CHCH0261
LAT/LON: 35.053059/ -85.283059
Agency: 1113S000
Date Created: / /
Location: CITICO CK 100 YDS DWN FM SO. RR.
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 470072 /TR-C-1A
RMI-Indexes: 1021500 007720 00920 6164
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 465.30 000.78
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001006
RF1 Mile Point: 4.640
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 06020001124000.00
RF3 Mile Point: 0.00
Distance from RF3: 0.05
On/Off RF3:
Description:
CITICO CREEK---100 FEET DOWNSTREAM FROM THE UNNAMED TRIBUTARY CARRYING SOUTHERN RAILWAY'S TREATMENT PLANT EFFLUENT AT MILE 0.78.
STUDY CONDUCTED BY CREW FROM SOUTHEAST WATER LABORATORY IN JUNE 1972. CHARLES SWEATT-PROJECT ENGINEER; TOM BENNETT-CHEMIST.

Parameter Inventory for Station: CHCH0261

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/23/72-06/24/72	2	22.75	22.75	25.	20.5	10.125	3.182	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/23/72-06/24/72	2	3.2	3.2	4.1	2.3	1.62	1.273	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	06/23/72-06/24/72	2	19.8	19.8	38.	1.6	662.48	25.739	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/23/72-06/24/72	2	6.85	6.85	6.9	6.8	0.005	0.071	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/23/72-06/24/72	2	6.847	6.847	6.9	6.8	0.005	0.071	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/23/72-06/24/72	2	0.142	0.142	0.158	0.126	0.001	0.023	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	06/23/72-06/24/72	2	437.5	437.5	518.	357.	12960.5	113.844	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	06/23/72-06/24/72	2	430.5	430.5	513.	348.	13612.5	116.673	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/23/72-06/24/72	2	7.	7.	9.	5.	8.	2.828	**	**	**	**
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	06/23/72-06/24/72	2 ##	15.75	15.75	29.	2.5	351.125	18.738	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/23/72-06/24/72	2	0.495	0.495	0.5	0.49	0.	0.007	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/23/72-06/24/72	2	5.25	5.25	9.5	1.	36.125	6.01	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/23/72-06/24/72	2	0.96	0.96	1.38	0.54	0.353	0.594	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/23/72-06/24/72	2	0.525	0.525	0.71	0.34	0.068	0.262	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/23/72-06/24/72	2	46.	46.	84.	8.	2888.	53.74	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	06/23/72-06/24/72	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	06/23/72-06/24/72	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	06/23/72-06/24/72	2	787.5	787.5	875.	700.	15312.5	123.744	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	06/23/72-06/24/72	2 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	06/23/72-06/24/72	2	522.5	522.5	605.	440.	13612.5	116.673	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	06/23/72-06/24/72	2	197.5	197.5	365.	30.	56112.5	236.881	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/23/72-06/24/72	2 ##	505.	505.	1000.	10.	490050.	700.036	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/23/72-06/24/72	2 ##	2.	2.	3.	1.	2.	1.414	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			100.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/23/72-06/24/72	2 ##	505.	505.	1000.	10.	490050.	700.036	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/23/72-06/24/72	2 ##	2.	2.	3.	1.	2.	1.414	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			100.								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/23/72-06/24/72	2 ##	31.25	31.25	60.	2.5	1653.125	40.659	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0261

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	1	0.50	2	1	0.50									
00403	PH, LAB	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00	2	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	2	0	0.00	2	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	0 &	0	0.00												
		Drinking Water	1300.	2	0	0.00	2	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	2	0	0.00	2	0	0.00									
		Drinking Water	15.	0 &	0	0.00												
01092	ZINC, TOTAL	Fresh Acute	120.	2	1	0.50	2	1	0.50									
		Drinking Water	5000.	2	0	0.00	2	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	1 &	0	0.00	1	0	0.00									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	1 &	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0262

NPS Station ID: CHCH0262
LAT/LON: 35.053059/ -85.323059
Agency: 1113S000
Date Created: / /
Location: TENN R DIXIE SAND AND GRAVEL EFF
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM
STORET Station ID(s): 470306 /TR-DI-1
RMI-Indexes: 1021500 007720 00920
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 463.20
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001006
RF1 Mile Point: 2.010
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 06020001000600.90
RF3 Mile Point: 1.62
Distance from RF3: 0.07
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0262

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00058	FLOW, RATE GALLONS/MIN	03/07/73-03/08/73	2	1400.	1400.	1400.	1400.	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	03/07/73-03/08/73	2	3.9	3.9	5.	2.8	2.42	1.556	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	03/07/73-03/08/73	2 ##	60.	60.	95.	25.	2450.	49.497	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/07/73-03/08/73	2	8.15	8.15	8.2	8.1	0.005	0.071	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/07/73-03/08/73	2	8.147	8.147	8.2	8.1	0.005	0.071	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/07/73-03/08/73	2	0.007	0.007	0.008	0.006	0.	0.001	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	03/07/73-03/08/73	2	9696.	9696.	13210.	6182.	24696392.	4969.546	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/07/73-03/08/73	2	419.5	419.5	521.	318.	20604.5	143.543	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/07/73-03/08/73	2	923.	923.	974.	872.	5202.	72.125	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/07/73-03/08/73	2	8775.	8775.	12240.	5310.	24012450.	4900.25	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/07/73-03/08/73	2	365.	365.	520.	210.	48050.	219.203	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/07/73-03/08/73	2	0.375	0.375	0.4	0.35	0.001	0.035	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/07/73-03/08/73	2	1.25	1.25	1.3	1.2	0.005	0.071	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/07/73-03/08/73	2	0.505	0.505	0.53	0.48	0.001	0.035	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/07/73-03/08/73	2	5.085	5.085	7.7	2.47	13.676	3.698	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/07/73-03/08/73	2	15.5	15.5	28.	3.	312.5	17.678	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0262

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	2	0	0.00							2	0	0.00			
		Other-Lo Lim.	6.5	2	0	0.00							2	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00							2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0263

NPS Station ID: CHCH0263 LAT/LON: 35.053337/ -85.183893 Agency: 1113S000 Date Created: / /
Location: FRIARS BR UPSTREAM HWY 153 BRDGE FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 470093 /TNS-F-02
RMI-Indexes: 1021500 007720 00920 6180 0230 Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 465.90 008.70 001.10
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN ECO Region:
RF1 Index: 06020001 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 06020001010400.00 RF3 Mile Point: 0.52 Distance from RF3: 0.00 On/Off RF3:
Description:
FRIAR BRANCH AT MILE 1.1 ON UPSTREAM SIDE OF HIGHWAY #153 BRIDGE.
STUDY CONDUCTED BY CREW FROM SOUTHEAST WATER LABORATORY IN JUNE 1972. CHARLES SWEATT-PROJECT ENGINEER; TOM BENNETT-CHEMIST.

Parameter Inventory for Station: CHCH0263

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/72-06/24/72	4	18.25	18.125	20.	16.	3.729	1.931	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/20/72-06/23/72	4	7.15	7.125	7.7	6.5	0.283	0.532	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	06/21/72-06/24/72	4	4.5	4.525	5.4	3.7	0.543	0.737	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/20/72-06/24/72	5	7.3	7.34	7.9	6.8	0.183	0.428	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/20/72-06/24/72	5	7.3	7.186	7.9	6.8	0.213	0.461	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/20/72-06/24/72	5	0.05	0.065	0.158	0.013	0.003	0.058	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	06/20/72-06/24/72	5	399.	380.6	475.	292.	6626.3	81.402	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	06/20/72-06/24/72	5	326.	305.4	454.	99.	18497.8	136.007	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/20/72-06/24/72	5	21.	55.2	202.	10.	6813.7	82.545	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/20/72-06/24/72	5	11.	10.848	18.7	1.14	44.789	6.692	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/20/72-06/24/72	5	12.	12.02	22.	1.5	56.252	7.5	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/20/72-06/24/72	5	20.5	17.188	30.	1.44	116.377	10.788	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/20/72-06/24/72	5	0.23	0.234	0.32	0.18	0.003	0.054	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/20/72-06/24/72	5	4.	4.6	10.	1.	12.8	3.578	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	06/23/72-06/24/72	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	06/23/72-06/24/72	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	06/23/72-06/24/72	2	475.	475.	500.	450.	1250.	35.355	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	06/23/72-06/24/72	2 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	06/23/72-06/24/72	2	95.	95.	100.	90.	50.	7.071	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	06/23/72-06/24/72	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/22/72-06/22/72	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0263

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00	4	0	0.00									
00403	PH, LAB	Fresh Chronic	9.	5	0	0.00	5	0	0.00									
		Other-Lo Lim.	6.5	5	0	0.00	5	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0263

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	5	4	0.80	5	4	0.80									
01034	CHROMIUM, TOTAL	Drinking Water	100.	2	0	0.00	2	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	0 &	0	0.00												
		Drinking Water	1300.	2	0	0.00	2	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	2	0	0.00	2	0	0.00									
		Drinking Water	15.	0 &	0	0.00												
01092	ZINC, TOTAL	Fresh Acute	120.	2	0	0.00	2	0	0.00									
		Drinking Water	5000.	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0264

NPS Station ID: CHCH0264
LAT/LON: 35.053337/ -85.184170
Agency: 131TVAC
Date Created: / /
Location: SHALLOWFORD ROAD BRIDGE
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475547 /2699
RMI-Indexes: 1021500 007720 00920 6180 0230
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 008.80 001.60
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: FRIAR BRANCH 1.60
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 06020001001800.00
RF3 Mile Point: 0.00
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0264

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/26/69-12/02/69	11	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/26/69-12/02/69	11	18.6	17.036	23.8	5.8	30.195	5.495	6.98	12.6	21.9	23.48
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/26/69-12/02/69	11	4.	10.182	31.	2.	114.564	10.703	2.2	3.	22.	29.8
00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/26/69-12/02/69	11	7.	21.727	175.	2.	2598.218	50.973	2.2	3.	10.	143.
00080	COLOR (PLATINUM-COBALT UNITS)	02/26/69-12/02/69	11	25.	21.818	50.	2.5	205.114	14.322	2.5	10.	30.	46.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/26/69-12/02/69	11	960.	868.182	1400.	450.	125236.364	353.888	450.	490.	1100.	1400.
00300	OXYGEN, DISSOLVED MG/L	02/26/69-12/02/69	11	7.9	7.673	11.2	3.9	5.232	2.287	4.12	5.8	9.8	11.04
00310	BOD, 5 DAY, 20 DEG C MG/L	02/26/69-12/02/69	11	2.6	3.309	6.1	1.1	3.107	1.763	1.24	2.3	5.8	6.04
00335	COD, .025N K2CR2O7 MG/L	05/20/69-12/02/69	8	17.	19.375	40.	11.	79.696	8.927	**	**	**	**
00400	PH (STANDARD UNITS)	02/26/69-12/02/69	11	7.5	7.627	8.9	7.	0.25	0.5	7.04	7.3	7.8	8.7
00400	CONVERTED PH (STANDARD UNITS)	02/26/69-12/02/69	11	7.5	7.455	8.9	7.	0.283	0.532	7.04	7.3	7.8	8.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/26/69-12/02/69	11	0.032	0.035	0.1	0.001	0.001	0.028	0.004	0.016	0.05	0.093
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/26/69-12/02/69	11	120.	116.182	168.	59.	713.964	26.72	66.2	107.	130.	160.4
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	02/26/69-12/02/69	11	0.	1.091	12.	0.	13.091	3.618	0.	0.	0.	9.6
00500	RESIDUE, TOTAL (MG/L)	11/03/69-11/03/69	1	870.	870.	870.	870.	0.	0.	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	11/03/69-11/03/69	1	860.	860.	860.	860.	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	02/26/69-12/02/69	11	0.1	1.565	8.5	0.02	8.899	2.983	0.022	0.05	0.9	8.1
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/26/69-12/02/69	11	27.	34.018	79.	9.7	703.162	26.517	9.7	9.8	67.	77.6
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	02/26/69-12/02/69	11	1.2	1.71	4.8	0.15	2.445	1.564	0.174	0.33	2.8	4.64
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/26/69-12/02/69	11	30.	43.3	100.	4.9	1124.858	33.539	7.32	19.	76.	97.6
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/26/69-12/02/69	11	0.251	0.278	0.456	0.098	0.014	0.119	0.111	0.202	0.424	0.456
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	02/26/69-12/02/69	11	0.235	0.227	0.391	0.072	0.009	0.094	0.083	0.16	0.274	0.385
00929	SODIUM, TOTAL (MG/L AS NA)	11/03/69-11/03/69	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	11/03/69-11/03/69	1	3.6	3.6	3.6	3.6	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/03/69-11/03/69	1	50.	50.	50.	50.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	11/03/69-11/03/69	1	56.	56.	56.	56.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	11/03/69-11/03/69	1	0.19	0.19	0.19	0.19	0.	0.	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	07/17/69-11/03/69	2	8.95	8.95	9.2	8.7	0.125	0.354	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	02/26/69-12/02/69	10	7350.	51099.	420000.	280.169	00800721.111	130003.08	333.	3502.5	27525.	380910.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	02/26/69-12/02/69	10	3.865	3.896	5.623	2.447	0.751	0.867	2.493	3.46	4.439	5.507
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			7864.813								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/26/69-12/02/69	10	420.	2127.5	14100.	5.	18381906.944	4287.413	18.5	185.	1900.	12940.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/26/69-12/02/69	10	2.621	2.68	4.149	0.699	0.848	0.921	0.844	2.262	3.272	4.074
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			479.156								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/16/69-12/02/69	6	15.	39.167	100.	5.	1904.167	43.637	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0264

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	11	1	0.09	5	1	0.20	3	0	0.00	3	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	11	1	0.09	5	1	0.20	3	0	0.00	3	0	0.00			
00400	PH	Fresh Chronic	9.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
		Other-Lo Lim.	6.5	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	11	7	0.64	5	4	0.80	3	2	0.67	3	1	0.33			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	11	10	0.91	5	4	0.80	3	3	1.00	3	3	1.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
		Drinking Water	250.	1	0	0.00				1	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00				1	0	0.00						
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	1	0	0.00				1	0	0.00						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	10	8	0.80	5	5	1.00	2	0	0.00	3	3	1.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	10	8	0.80	4	4	1.00	3	1	0.33	3	3	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0265

NPS Station ID: CHCH0265
LAT/LON: 35.053337/ -85.288892
Agency: 111WS
Date Created: 05/12/78
Location: TENN.AMER.WATER CO.
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 027
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 06020001
Depth of Water: 999
Aquifer:
Major Basin: TENN.RIVER
Elevation: 0
Water Body Id:
Minor Basin: TENN.R-MAIN STEM & MINOR TRIBS
ECO Region:
RF1 Index: 06020001006
RF1 Mile Point: 4.390
Distance from RF1: 6.40
On/Off RF1: ON
RF3 Index: 06020001006002.28
RF3 Mile Point: 8.11
Distance from RF3: 0.50
On/Off RF3:
Description:
NATL.ORGANICS RECONNAISSANCE SURVEY OFF.OF RESEARCH & DEVEL.CINN,OHIO

Parameter Inventory for Station: CHCH0265

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	03/04/75-03/04/75	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	03/04/75-03/04/75	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	03/04/75-03/04/75	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
32104	BROMOFORM,WHOLE WATER,UG/L	03/04/75-03/04/75	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32106	CHLOROFORM,WHOLE WATER,UG/L	02/10/75-02/10/75	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
34306	CHLORODIBROMOMETHANE TOTWUG/L	03/04/75-03/04/75	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
81280	NONPURGEABLE ORGANIC CARBON MG/L	02/10/75-02/10/75	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0265

				Total	Exceed	Prop.	6/01-10/31			11/01-2/29			3/01-5/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
32101	BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00							1	0	0.00			
32102	CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	1	0	0.00							1	0	0.00			
		Drinking Water	5.	1	0	0.00							1	0	0.00			
32103	1,2-DICHLOROETHANE,WHOLE WATER	Fresh Acute	118000.	1	0	0.00							1	0	0.00			
		Drinking Water	5.	1	0	0.00							1	0	0.00			
32104	BROMOFORM, WHOLE WATER	Drinking Water	100.	1	0	0.00							1	0	0.00			
32106	CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	1	0	0.00				1	0	0.00						
		Drinking Water	100.	1	0	0.00				1	0	0.00						
34306	CHLORODIBROMOMETHANE, TOTAL	Drinking Water	100.	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0266

NPS Station ID: CHCH0266
LAT/LON: 35.053337/ -85.310838
Agency: 1113S000
Date Created: / /
Location: CHATT., TENN AT BROAD ST & 2ND S
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/MUN/TREATD/OUTFL/STREAM
STORET Station ID(s): 470108 /TR-BS-2ND
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001006
RF1 Mile Point: 2.780
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 06020001088907.61
RF3 Mile Point: 7.61
Distance from RF3: 0.02
On/Off RF3:
Description:
STUDY CONDUCTED FOR PURPOSE OF STORM WATER RUN-OFF IN DOWNTOWN CHATTANOOGA BY PERSONNEL OF SOUTHEASTERN RESEARCH LABORATORY.

Parameter Inventory for Station: CHCH0266

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	01/03/73-01/03/73	16	0.02	0.033	0.15	0.	0.002	0.041	0.007	0.01	0.03	0.115
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/28/72-01/03/73	45	340.	340.289	610.	90.	23279.437	152.576	116.	190.	475.	532.
00310	BOD, 5 DAY, 20 DEG C MG/L	11/28/72-01/03/73	45	90.	118.6	380.	14.	8977.155	94.748	24.6	42.	167.5	285.6
00403	PH, LAB, STANDARD UNITS SU	11/28/72-01/03/73	45	7.6	7.749	8.9	6.7	0.304	0.552	7.16	7.35	8.2	8.6
00403	CONVERTED PH, LAB, STANDARD UNITS	11/28/72-01/03/73	45	7.6	7.47	8.9	6.7	0.384	0.62	7.16	7.35	8.2	8.6
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/28/72-01/03/73	45	0.025	0.034	0.2	0.001	0.002	0.04	0.003	0.006	0.045	0.07
00500	RESIDUE, TOTAL (MG/L)	11/28/72-01/03/73	45	212.	229.956	436.	110.	6826.998	82.626	128.4	164.	286.	362.8
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	11/28/72-01/03/73	45	178.	183.156	374.	38.	6571.316	81.064	83.2	134.5	228.5	315.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/28/72-01/03/73	45	46.	47.689	181.	7.	1060.037	32.558	14.	21.	65.	83.6
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	11/28/72-01/03/73	45	12.	23.689	156.	2.	772.128	27.787	4.	7.	30.	66.
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	01/03/73-01/03/73	7	23.	22.429	45.	5.	157.952	12.568	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/28/72-01/03/73	45	1.88	2.682	7.2	0.08	4.746	2.178	0.338	0.77	4.52	6.374
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/28/72-01/03/73	45	9.69	10.143	25.2	0.5	59.471	7.712	0.8	2.25	16.95	21.34
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/28/72-01/03/73	45	0.77	1.766	31.	0.3	22.709	4.765	0.408	0.49	0.96	1.974
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/28/72-01/03/73	45	2.84	3.383	13.2	0.46	8.445	2.906	0.572	0.9	5.225	6.91
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	11/28/72-01/03/73	45	40.	44.156	103.	8.	750.589	27.397	15.	20.	58.5	92.4
01034	CHROMIUM, TOTAL (UG/L AS CR)	11/28/72-01/03/73	45 ##	20.	39.222	560.	20.	6877.222	82.929	20.	20.	20.	68.
01051	LEAD, TOTAL (UG/L AS PB)	11/28/72-01/03/73	45 ##	50.	121.778	480.	50.	13142.222	114.64	50.	50.	160.	312.
01092	ZINC, TOTAL (UG/L AS ZN)	11/28/72-01/03/73	45	215.	1631.111	42150.	70.	41875436.237	6471.123	133.	160.	340.	2031.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/28/72-01/03/73	45	3100000.	5592444.444	54000000.	170000.	**********	9389578.158	478000.	1350000.	5950000.	10840000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	11/28/72-01/03/73	45	6.491	6.436	7.732	5.23	0.272	0.521	5.679	6.13	6.768	7.029
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			2727065.332								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/28/72-01/03/73	45	1100000.	2335066.667	35000000.	49000.	**********	5228011.239	130000.	490000.	2250000.	4900000.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/28/72-01/03/73	45	6.041	6.004	7.544	4.69	0.315	0.561	5.114	5.69	6.352	6.69
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1009806.09								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	11/28/72-01/03/73	9	51.	61.111	120.	33.	822.361	28.677	33.	40.5	83.5	120.
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	11/28/72-01/03/73	9 ##	0.003	0.003	0.003	0.003	0.	0.	0.003	0.003	0.003	0.003
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	11/28/72-01/03/73	9 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	11/28/72-01/03/73	9 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	11/28/72-01/03/73	9 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	11/28/72-01/03/73	9 ##	0.01	0.01	0.01	0.01	0.	0.	0.01	0.01	0.01	0.01
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	11/28/72-01/03/73	9 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	11/28/72-01/03/73	9 ##	0.01	0.01	0.01	0.01	0.	0.	0.01	0.01	0.01	0.01
39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	11/28/72-01/03/73	9 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	11/28/72-01/03/73	9 ##	0.125	0.125	0.125	0.125	0.	0.	0.125	0.125	0.125	0.125
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	11/28/72-01/03/73	9 ##	0.003	0.003	0.003	0.003	0.	0.	0.003	0.003	0.003	0.003

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0266

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	11/28/72-01/03/73	9 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
39460	CHLOROBENZILATE IN WHOLE WATER SAMPLE (UG/L)	11/28/72-01/03/73	9 ##	0.25	0.25	0.25	0.25	0.	0.	0.25	0.25	0.25	0.25
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	11/28/72-01/03/73	9 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	11/28/72-01/03/73	9 ##	0.025	1.147	4.8	0.025	2.707	1.645	0.025	0.025	2.	4.8
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	11/28/72-01/03/73	9 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	11/28/72-01/03/73	9 ##	0.02	0.02	0.02	0.02	0.	0.	0.02	0.02	0.02	0.02
39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	11/28/72-01/03/73	9 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
39580	GUTHION IN WHOLE WATER SAMPLE (UG/L)	11/28/72-01/03/73	9 ##	0.25	0.25	0.25	0.25	0.	0.	0.25	0.25	0.25	0.25
39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	11/28/72-01/03/73	9 ##	0.01	0.01	0.01	0.01	0.	0.	0.01	0.01	0.01	0.01
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	11/28/72-01/03/73	9 ##	0.001	0.001	0.001	0.001	0.	0.	0.001	0.001	0.001	0.001
39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	11/28/72-01/03/73	9 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
50051	FLOW, RATE, INSTANTANEOUS MGD	11/28/72-01/03/73	45	0.3	0.788	8.6	0.07	2.726	1.651	0.08	0.115	0.55	2.
71900	MERCURY, TOTAL (UG/L AS HG)	11/29/72-01/03/73	8 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0266

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	45	0	0.00				45	0	0.00						
		Other-Lo Lim.	6.5	45	0	0.00				45	0	0.00						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	45	2	0.04				45	2	0.04						
01034	CHROMIUM, TOTAL	Drinking Water	100.	45	2	0.04				45	2	0.04						
01051	LEAD, TOTAL	Fresh Acute	82.	45	19	0.42				45	19	0.42						
		Drinking Water	15.	19 &	19	1.00				19	19	1.00						
01092	ZINC, TOTAL	Fresh Acute	120.	45	43	0.96				45	43	0.96						
		Drinking Water	5000.	45	3	0.07				45	3	0.07						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	45	45	1.00				45	45	1.00						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	45	45	1.00				45	45	1.00						
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	9	0	0.00				9	0	0.00						
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	9	0	0.00				9	0	0.00						
		Drinking Water	2.	9	0	0.00				9	0	0.00						
39360	DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	9	0	0.00				9	0	0.00						
39365	DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	9	0	0.00				9	0	0.00						
39370	DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	9	0	0.00				9	0	0.00						
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	9	0	0.00				9	0	0.00						
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	9	0	0.00				9	0	0.00						
		Drinking Water	2.	9	0	0.00				9	0	0.00						
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	9	0	0.00				9	0	0.00						
		Drinking Water	3.	9	0	0.00				9	0	0.00						
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	9	0	0.00				9	0	0.00						
		Drinking Water	0.4	9	0	0.00				9	0	0.00						
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	9	0	0.00				9	0	0.00						
		Drinking Water	0.2	9	0	0.00				9	0	0.00						
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	9	0	0.00				9	0	0.00						
39540	PARATHION IN WHOLE WATER SAMPLE	Fresh Acute	0.065	9	0	0.00				9	0	0.00						
39782	LINDANE IN WHOLE WATER SAMPLE	Fresh Acute	2.	9	0	0.00				9	0	0.00						
		Drinking Water	0.2	9	0	0.00				9	0	0.00						
71900	MERCURY, TOTAL	Fresh Acute	2.4	8	0	0.00				8	0	0.00						
		Drinking Water	2.	8	0	0.00				8	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0267

NPS Station ID: CHCH0267 | LAT/LON: 35.053337/ -85.311948 | Agency: 1113S000 | Date Created: / /
Location: CHATT., TENN AT CHESTNUT & 2ND S | FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/MUN/TREATD/OUTFL/STREAM | STORET Station ID(s): 470110 /TR-CS-2ND
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 06020001 | Depth of Water: 0 | Aquifer:
Major Basin: SOUTHEAST | Elevation: 0 | Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN | ECO Region:
RF1 Index: 06020001006 | RF1 Mile Point: 2.690 | Distance from RF1: 0.00 | On/Off RF1: ON
RF3 Index: 06020001000600.90 | RF3 Mile Point: 3.33 | Distance from RF3: 0.24 | On/Off RF3:
Description:
STUDY CONDUCTED FOR PURPOSE OF STORM WATER RUN-OFF IN DOWNTOWN CHATTANOOGA BY PERSONNEL OF SOUTHEASTERN RESEARCH LABORATORY.

Parameter Inventory for Station: CHCH0267

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/28/72-01/03/73	45	430.	636.089	8800.	100.	1617464.583	1271.796	152.	200.	625.	778.
00310	BOD, 5 DAY, 20 DEG C MG/L	11/28/72-01/03/73	45	110.	138.356	430.	17.	11088.78	105.303	38.	56.	191.5	308.
00403	PH, LAB, STANDARD UNITS SU	11/28/72-01/03/73	45	7.5	7.673	9.4	7.	0.347	0.589	7.1	7.3	7.85	8.7
00403	CONVERTED PH, LAB, STANDARD UNITS	11/28/72-01/03/73	45	7.5	7.439	9.4	7.	0.403	0.635	7.1	7.3	7.85	8.7
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/28/72-01/03/73	45	0.032	0.036	0.1	0.	0.001	0.029	0.002	0.014	0.05	0.079
00500	RESIDUE, TOTAL (MG/L)	11/28/72-01/03/73	45	280.	350.622	2680.	78.	147002.331	383.409	164.4	211.	358.	494.4
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	11/28/72-01/03/73	45	212.	297.133	2606.	22.	144436.255	380.048	110.	166.5	318.	427.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/28/72-01/03/73	45	46.	51.267	154.	7.	857.564	29.284	15.6	31.5	66.	88.8
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	11/28/72-01/03/73	45	18.	24.644	116.	4.	472.325	21.733	6.	9.	32.	51.6
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	01/03/73-01/03/73	7	24.	22.286	33.	9.	99.238	9.962	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/28/72-01/03/73	45	4.49	9.235	95.	0.81	201.096	14.181	1.256	2.435	13.2	16.22
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/28/72-01/03/73	45	12.2	16.144	113.	1.1	315.308	17.757	1.7	4.325	22.75	30.96
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/28/72-01/03/73	45	0.42	0.476	0.97	0.08	0.044	0.209	0.25	0.335	0.625	0.802
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/28/72-01/03/73	45	2.04	3.329	11.2	0.35	8.67	2.944	0.49	0.98	5.225	8.264
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	11/28/72-01/03/73	45	62.	69.067	235.	13.	2029.109	45.046	27.	33.5	94.5	129.4
01034	CHROMIUM, TOTAL (UG/L AS CR)	11/28/72-01/03/73	45	80.	151.	1620.	20.	67891.591	260.56	20.	47.5	150.	276.
01051	LEAD, TOTAL (UG/L AS PB)	11/28/72-01/03/73	45 ##	50.	108.667	300.	50.	6843.636	82.726	50.	50.	155.	270.
01092	ZINC, TOTAL (UG/L AS ZN)	11/28/72-01/03/73	45	150.	237.667	2870.	40.	184096.136	429.064	105.	112.5	190.	276.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/28/72-01/03/73	45	7900000.	12746666.667	92000000.	1100000.	**********	16053753.455	1900000.	3950000.	17000000.	28400000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	11/28/72-01/03/73	45	6.898	6.883	7.964	6.041	0.196	0.442	6.263	6.591	7.23	7.446
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			7637998.223								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/28/72-01/03/73	45	790000.	1671311.111	13000000.	79000.	**********	2141257.615	140000.	490000.	2300000.	3380000.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/28/72-01/03/73	45	5.898	5.979	7.114	4.898	0.234	0.484	5.146	5.69	6.362	6.529
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			952605.488								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	11/28/72-01/03/73	8	45.	54.375	98.	29.	694.839	26.36	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	11/28/72-01/03/73	8 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	11/28/72-01/03/73	8 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	11/28/72-01/03/73	8 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	11/28/72-01/03/73	8 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	11/28/72-01/03/73	8 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	11/28/72-01/03/73	8 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	11/28/72-01/03/73	8 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	11/28/72-01/03/73	7 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	11/28/72-01/03/73	8 ##	0.125	0.125	0.125	0.125	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	11/28/72-01/03/73	8 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	11/28/72-01/03/73	8 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0267

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39460	CHLOROBENZILATE IN WHOLE WATER SAMPLE (UG/L)	11/28/72-01/03/73	8 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	11/28/72-01/03/73	8 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	11/28/72-01/03/73	8	3.35	31.519	230.	0.025	6438.928	80.243	**	**	**	**
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	11/28/72-01/03/73	8 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	11/28/72-01/03/73	7 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	11/28/72-01/03/73	8 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39580	GUTHION IN WHOLE WATER SAMPLE (UG/L)	11/28/72-01/03/73	8 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	11/28/72-01/03/73	8 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	11/28/72-01/03/73	8 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	11/28/72-01/03/73	7 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
50051	FLOW, RATE, INSTANTANEOUS MGD	11/28/72-01/03/73	44	0.84	2.345	21.	0.21	16.42	4.052	0.29	0.428	1.6	5.8
71900	MERCURY, TOTAL (UG/L AS HG)	11/29/72-01/03/73	7 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0267

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	45	2	0.04				45	2	0.04						
		Other-Lo Lim.	6.5	45	0	0.00				45	0	0.00						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	45	0	0.00				45	0	0.00						
01034	CHROMIUM, TOTAL	Drinking Water	100.	45	19	0.42				45	19	0.42						
01051	LEAD, TOTAL	Fresh Acute	82.	45	21	0.47				45	21	0.47						
		Drinking Water	15.	21 &	21	1.00				21	21	1.00						
01092	ZINC, TOTAL	Fresh Acute	120.	45	33	0.73				45	33	0.73						
		Drinking Water	5000.	45	0	0.00				45	0	0.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	45	45	1.00				45	45	1.00						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	45	45	1.00				45	45	1.00						
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	8	0	0.00				8	0	0.00						
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	8	0	0.00				8	0	0.00						
		Drinking Water	2.	8	0	0.00				8	0	0.00						
39360	DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	8	0	0.00				8	0	0.00						
39365	DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	8	0	0.00				8	0	0.00						
39370	DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	8	0	0.00				8	0	0.00						
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	8	0	0.00				8	0	0.00						
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	8	0	0.00				8	0	0.00						
		Drinking Water	2.	8	0	0.00				8	0	0.00						
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	8	0	0.00				8	0	0.00						
		Drinking Water	3.	8	0	0.00				8	0	0.00						
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	8	0	0.00				8	0	0.00						
		Drinking Water	0.4	8	0	0.00				8	0	0.00						
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	8	0	0.00				8	0	0.00						
		Drinking Water	0.2	8	0	0.00				8	0	0.00						
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	8	0	0.00				8	0	0.00						
39540	PARATHION IN WHOLE WATER SAMPLE	Fresh Acute	0.065	7	0	0.00				7	0	0.00						
39782	LINDANE IN WHOLE WATER SAMPLE	Fresh Acute	2.	8	0	0.00				8	0	0.00						
		Drinking Water	0.2	8	0	0.00				8	0	0.00						
71900	MERCURY, TOTAL	Fresh Acute	2.4	7	0	0.00				7	0	0.00						
		Drinking Water	2.	7	0	0.00				7	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0268

NPS Station ID: CHCH0268 | LAT/LON: 35.053337/ -85.343337 | Agency: 11EPALES | Date Created: / /
Location: NICKAJACK RESERVOIR | FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): 471703
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 06020001 | Depth of Water: 37 | Aquifer:
Major Basin: | Elevation: 0 | Water Body Id:
Minor Basin: | ECO Region:
RF1 Index: 06020001002 | RF1 Mile Point: 6.200 | Distance from RF1: 0.00 | On/Off RF1: ON
RF3 Index: 06020001026200.00 | RF3 Mile Point: 2.13 | Distance from RF3: 0.05 | On/Off RF3:
Description:
MILE 457.8, MID CHANNEL. LOCATED AT SITE OF SEWAGE TREATMENT PLANT OUTFALL (CENTER OF RIVER) WAS QUITE VISIBLE AND SURFACE FOAM COVERED; ADJACENT TO A "DANGER" SIGN ON SHORE 50 YDS AWAY. COMMENTS: 5-23 ULE 20, CONDUCTIVITY DIFFERENCE APPR 125 TO 175 UNITS IN AND OUT OF PLUME; BROWN APPEARANCE OF PLUME; FOAM ON SURFACE. 8-18 ULE 19, TURBID BROWN; NO VISIBLE ALGAE OR MACROPHYTES; VISIBLE PLUME AND SOME FOAM FM SEWAGE TREATMENT PLANT; WEST SHORE HEAVILY WOODED OVERHANG; E BANK FEW SHRUBS AND LOW LYING VEGE; DEPTH 35 FT. 10-30 ULE 15, BROWN; STRONG CURRENT; NO AQUATIC VEGE; DEPTH 30 FT. MAP: TVA TENNESSEE RIVER WATERWAY NAVIGATION CHARTS

Parameter Inventory for Station: CHCH0268

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/23/73-10/30/73	14	15.	14.071	33.	0.	136.379	11.678	0.	3.75	25.	32.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-10/30/73	14	19.35	21.693	26.6	18.4	14.53	3.812	18.45	18.575	26.6	26.6
00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	05/23/73-10/30/73	14	85.	85.929	93.	79.	22.841	4.779	79.	83.	92.	92.5
00077	TRANSPARENCY, SECCHI DISC (INCHES)	05/23/73-10/30/73	3	36.	32.	42.	18.	156.	12.49	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/18/73-10/30/73	9	161.	161.889	171.	158.	18.111	4.256	158.	158.5	164.5	171.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/23/73-10/30/73	14	641.	636.929	1081.	155.	147014.841	383.425	157.5	183.75	1062.75	1077.5
00300	OXYGEN, DISSOLVED MG/L	05/23/73-10/30/73	11	7.	6.618	7.6	5.4	0.78	0.883	5.44	5.6	7.4	7.6
00400	PH (STANDARD UNITS)	05/23/73-10/30/73	14	7.2	7.014	7.4	6.4	0.184	0.429	6.4	6.55	7.4	7.4
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-10/30/73	14	7.189	6.813	7.4	6.4	0.228	0.478	6.4	6.55	7.4	7.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-10/30/73	14	0.065	0.154	0.398	0.04	0.023	0.151	0.04	0.04	0.288	0.398
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/23/73-10/30/73	14	56.5	56.786	73.	50.	36.797	6.066	50.5	51.	59.25	67.5
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/23/73-10/30/73	14	0.08	0.288	2.29	0.07	0.363	0.602	0.07	0.07	0.105	1.515
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/23/73-10/30/73	14	0.3	0.614	3.	0.1	0.643	0.802	0.1	0.2	0.575	2.3
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/23/73-10/30/73	14	0.4	0.402	0.46	0.37	0.001	0.023	0.375	0.388	0.42	0.44
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/23/73-10/30/73	14	0.056	0.125	0.57	0.027	0.029	0.17	0.028	0.034	0.12	0.506
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/23/73-10/30/73	14	0.028	0.074	0.355	0.012	0.011	0.106	0.015	0.02	0.064	0.307
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	05/23/73-10/30/73	3	2.4	2.433	3.8	1.1	1.823	1.35	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	05/23/73-10/30/73	3	35.	34.	37.	30.	13.	3.606	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0268

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	11	0	0.00	7	0	0.00				4	0	0.00			
00400	PH	Fresh Chronic	9.	14	0	0.00	9	0	0.00				5	0	0.00			
		Other-Lo Lim.	6.5	14	3	0.21	9	3	0.33				5	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	14	0	0.00	9	0	0.00				5	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0269

NPS Station ID: CHCH0269
Location: CITICO CR SOUTHN RR EFF MILE 0.8
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM
RMI-Indexes: 1021500 007720 00920 6164
RMI-Miles: 0953.80 0046.50 465.30 000.80
HUC: 06020001
Major Basin: SOUTHEAST
Minor Basin: TENNESSEE RIVER BASIN
RF1 Index: 06020001006
RF3 Index: 06020001000700.00
Description:

LAT/LON: 35.053615/ -85.279448

Depth of Water: 0
Elevation: 0

RF1 Mile Point: 4.890
RF3 Mile Point: 0.12

Agency: 1113S090
FIPS State/County: 47065 TENNESSEE/HAMILTON
STORET Station ID(s): 470100 /SR-01
Within Park Boundary: No

Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.04

Date Created: / /

On/Off RF1: OFF
On/Off RF3:

Parameter Inventory for Station: CHCH0269

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

***** Data for this station locked by controlling agency *****

Station Inventory for Station: CHCH0270

NPS Station ID: CHCH0270
Location: CITICO CREEK
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes: 1021500 007720 00920 6164
RMI-Miles: 0953.80 0046.50 465.30 000.00
HUC: 06020001
Major Basin: TENNESSEE RIVER
Minor Basin: TENNESSEE RIVER
RF1 Index: 06020001006
RF3 Index: 06020001124000.00
Description:
AT MOUTH

LAT/LON: 35.053615/ -85.288892
Depth of Water: 0
Elevation: 0
RF1 Mile Point: 4.040
RF3 Mile Point: 0.00

Agency: 21TNWQ
FIPS State/County: 47065 TENNESSEE/HAMILTON
STORET Station ID(s): 000650 /330650 /230650
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.11

Date Created: / /
On/Off RF1: ON
On/Off RF3:

Parameter Inventory for Station: CHCH0270

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/16/64-08/11/64	10	5.5	7.1	25.	3.	42.544	6.523	3.	3.75	7.	23.2
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/64-08/11/64	10	24.5	24.6	26.	23.	1.378	1.174	23.	23.75	26.	26.
00064	DEPTH OF STREAM, MEAN (FT)	06/16/64-08/11/64	10	7.	6.9	8.	5.	0.767	0.876	5.1	6.75	7.25	8.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/16/64-08/11/64	10	26.5	51.8	300.	8.	7835.733	88.52	8.1	10.5	42.	274.5
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	06/16/64-08/11/64	9	120.	190.444	342.	71.	14125.778	118.852	71.	85.	321.5	342.
00300	OXYGEN, DISSOLVED MG/L	06/16/64-08/11/64	10	2.65	2.82	5.5	0.	3.604	1.898	0.11	1.1	4.95	5.49
00310	BOD, 5 DAY, 20 DEG C MG/L	06/16/64-08/11/64	10	5.3	6.93	15.2	1.8	22.756	4.77	1.86	3.3	11.8	15.04
00403	PH, LAB, STANDARD UNITS SU	06/16/64-08/11/64	10	6.95	6.96	7.3	6.7	0.04	0.201	6.7	6.775	7.125	7.29
00403	CONVERTED PH, LAB, STANDARD UNITS	06/16/64-08/11/64	10	6.947	6.92	7.3	6.7	0.042	0.205	6.7	6.775	7.125	7.29
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/64-08/11/64	10	0.113	0.12	0.2	0.05	0.003	0.052	0.051	0.075	0.169	0.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0270

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	10	1	0.10	10	1	0.10									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	10	7	0.70	10	7	0.70									
00403	PH, LAB	Fresh Chronic	9.	10	0	0.00	10	0	0.00									
		Other-Lo Lim.	6.5	10	0	0.00	10	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0271

NPS Station ID: CHCH0271
LAT/LON: 35.053892/ -85.281116
Agency: 1113S090
Date Created: / /
Location: CITICO CR CONTROL MDSTM MILE 0.6
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM
STORET Station ID(s): 470015 /CCC-02
RMI-Indexes: 1021500 007720 00920 6164
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 465.30 000.60
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001006
RF1 Mile Point: 4.890
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 06020001124000.00
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0271

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

***** Data for this station locked by controlling agency *****

Station Inventory for Station: CHCH0272

NPS Station ID: CHCH0272 LAT/LON: 35.053892/ -85.290559 Agency: 112WRD Date Created: / /
Location: TENNESSEE RIVER BL CITICO CR AT CHATTANOOGA, TN. FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 03567950
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 06020001006 RF1 Mile Point: 3.940 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 06020001027900.00 RF3 Mile Point: 2.25 Distance from RF3: 0.01 On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0272

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00060	FLOW, STREAM, MEAN DAILY CFS	10/12/70-10/12/70	1	34600.	34600.	34600.	34600.	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/12/70-10/12/70	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/12/70-10/12/70	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	10/12/70-10/12/70	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	10/12/70-10/12/70	1	34.	34.	34.	34.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	10/12/70-10/12/70	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	10/12/70-10/12/70	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	10/12/70-10/12/70	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	10/12/70-10/12/70	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0272

Parameter				Total	Exceed	Prop.	6/01-10/31			11/01-2/29			3/01-5/31			n/a		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	1	1.00	1	1	1.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	1	0	0.00	1	0	0.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0273

NPS Station ID: CHCH0273 LAT/LON: 35.054170/ -85.292227 Agency: 1110NET Date Created: / /
Location: TENNESSEE RIVER AT CHATTANOOGA FIPS State/County: 47000 TENNESSEE/
Station Type: /TYPA/MUN/NTRTMT/INTAKE/STREAM STORET Station ID(s): 470051 /47040802 /051-
RMI-Indexes: 1021500 007720 00920 Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 465.00
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: TENNESSEE RIVER Elevation: 0 Water Body Id:
Minor Basin: TENNESSEE RIVER-MAIN STEM & MINOR TRIB. ECO Region:
RF1 Index: 06020001006 RF1 Mile Point: 3.940 Distance from RF1: 15.40 On/Off RF1: ON
RF3 Index: 06020001115500.57 RF3 Mile Point: 0.57 Distance from RF3: 0.15 On/Off RF3:
Description:
ACTIVATION DATE' MARCH 12,1958. SAMPLED BY' CITY WATER COMPANY OF CHATT- ANOOGA. FIELD ANALYSIS BY' CITY WATER CO. OF CHATTANOOGA AND TENNESSEE VALLEY AUTHORITY. OTHER COOPERATING AGENCIES' TENN. DEPARTMENT OF PUBLIC HEALTH. NEAREST PERTINENT GAGING STATION' AT CHATTANOOGA, TENN., OPERATED BY' U.S.G.S. DRAINAGE AREA AT GAGING STATION' 21,400 SQUARE MILES. PERIOD OF RECORD' 1874 TO PRESENT. REMARKS' FLOW REGULATED BY RESERVOIR OPERATIONS. 3503150 08517320

Parameter Inventory for Station: CHCH0273

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/12/58-05/29/68	333	17.	16.726	28.	3.	51.167	7.153	6.7	10.	23.5	25.8
00060	FLOW, STREAM, MEAN DAILY CFS	03/12/58-09/28/66	503	33400.	36490.934	144000.	4630.	304172975.42	17440.555	22240.	28000.	40000.	48360.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/12/58-05/29/68	262	17.	25.677	410.	5.	1126.172	33.558	10.	12.5	27.	44.4
00080	COLOR (PLATINUM-COBALT UNITS)	03/12/58-05/29/68	262	6.	6.832	75.	0.	34.439	5.868	2.3	4.	8.	10.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/27/68-05/08/68	2	183.	183.	186.	180.	18.	4.243	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/12/58-05/29/68	334	7.6	7.884	12.2	3.4	4.547	2.132	5.25	6.	9.9	10.75
00310	BOD, 5 DAY, 20 DEG C MG/L	03/12/58-05/29/68	333	1.7	1.995	6.7	0.5	1.166	1.08	0.94	1.2	2.4	3.5
00335	COD, .025N K2CR2O7 MG/L	03/12/58-05/29/68	332	10.	10.919	37.	0.3	37.133	6.094	4.06	7.	13.	19.7
00370	CHLORINE DEMAND, 1 HOUR (MG/L)	03/12/58-11/10/65	267	1.6	1.846	5.	1.	0.422	0.649	1.2	1.4	2.2	2.8
00380	CHLORINE DEMAND, 24 HOUR (MG/L)	03/12/58-11/10/65	264	3.8	4.067	7.9	1.6	1.048	1.024	3.	3.4	4.6	5.5
00400	PH (STANDARD UNITS)	03/12/58-05/29/68	261	7.4	7.367	7.8	7.	0.012	0.111	7.3	7.3	7.4	7.5
00400	CONVERTED PH (STANDARD UNITS)	03/12/58-05/29/68	261	7.4	7.353	7.8	7.	0.012	0.111	7.3	7.3	7.4	7.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/12/58-05/29/68	261	0.04	0.044	0.1	0.016	0.	0.012	0.032	0.04	0.05	0.05
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/12/58-05/29/68	262	52.	51.523	71.	26.	34.488	5.873	45.	48.	55.	58.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/26/58-05/29/68	329	113.	114.869	201.	52.	516.09	22.718	86.	100.	128.	142.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/07/59-09/13/66	228	35.5	45.338	692.	2.	3113.749	55.801	18.	26.	45.	64.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/12/58-11/10/65	267	0.	0.02	0.6	0.	0.003	0.052	0.	0.	0.01	0.1
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/09/64-05/08/68	28	0.6	0.64	2.6	0.1	0.22	0.469	0.194	0.325	0.7	1.01
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	12/09/64-05/08/68	25	0.7	0.828	3.2	0.05	0.461	0.679	0.2	0.35	1.1	1.68
00636	NITROGEN, AMMONIA&ORG., DISS. 1 DET (MG/L AS N)	01/06/65-01/05/66	7	0.4	0.393	0.8	0.05	0.099	0.314	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	11/15/61-12/11/63	12	0.	0.033	0.2	0.	0.006	0.078	0.	0.	0.	0.2
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/09/64-05/08/68	28	0.03	0.046	0.2	0.005	0.002	0.046	0.005	0.02	0.065	0.121
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/06/65-05/08/68	24 ##	0.008	0.014	0.05	0.005	0.	0.014	0.005	0.005	0.02	0.045
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/03/65-05/08/68	21	3.	3.821	11.	0.25	7.108	2.666	1.34	2.35	4.65	9.34
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	04/07/65-05/08/68	15	2.2	2.453	7.6	1.	2.866	1.693	1.	1.3	2.6	5.62
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/12/58-05/29/68	260	70.	70.2	96.	44.	76.462	8.744	58.	66.	76.	80.
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/01/62-04/13/66	11	8.5	8.182	12.	4.	5.196	2.279	4.32	6.4	10.	11.6
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/01/62-04/13/66	11	1.6	1.564	2.1	1.	0.141	0.375	1.	1.4	2.	2.08
00940	CHLORIDE,TOTAL IN WATER MG/L	03/12/58-05/29/68	338	10.	11.346	30.	1.	33.895	5.822	4.	7.	16.	19.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0273

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00945	SULFATE, TOTAL (MG/L AS SO4)	03/26/58-05/29/68	330	16.	16.391	37.	7.	18.926	4.35	12.	13.	18.	22.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/01/62-04/13/66	10	0.115	0.132	0.31	0.025	0.007	0.084	0.028	0.065	0.188	0.3
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/01/62-04/01/67	13 ##	20.	17.962	27.	5.	61.769	7.859	5.6	10.	25.	26.2
01005	BARIUM, DISSOLVED (UG/L AS BA)	10/01/62-04/01/67	13	22.	23.154	48.	6.	128.308	11.327	6.8	15.	29.5	42.8
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	10/01/62-04/01/67	13 ##	0.015	0.025	0.16	0.005	0.002	0.041	0.007	0.013	0.018	0.104
01020	BORON, DISSOLVED (UG/L AS B)	10/01/62-04/01/67	13	21.	21.769	50.	3.	164.026	12.807	5.8	12.	29.5	45.2
01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/01/62-04/01/67	13 ##	2.5	3.423	7.5	0.5	5.619	2.37	0.7	1.25	5.75	7.3
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/01/62-04/01/67	13	2.	5.462	20.	0.5	38.603	6.213	0.7	1.5	9.5	17.6
01035	COBALT, DISSOLVED (UG/L AS CO)	10/01/62-04/01/67	13 ##	2.5	2.269	4.	1.	0.901	0.949	1.	1.5	3.	3.8
01040	COPPER, DISSOLVED (UG/L AS CU)	10/01/62-04/01/67	13	13.	11.615	28.	1.	80.59	8.977	1.	2.	15.	27.6
01045	IRON, TOTAL (UG/L AS FE)	10/01/62-04/01/67	13	13.	27.308	73.	2.	876.731	29.61	2.	3.5	65.	72.6
01049	LEAD, DISSOLVED (UG/L AS PB)	10/01/62-04/01/67	13 ##	5.5	7.577	29.	1.	66.827	8.175	1.2	2.25	8.75	25.4
01055	MANGANESE, TOTAL (UG/L AS MN)	10/01/62-04/01/67	13	1.15	1.981	9.5	0.3	6.141	2.478	0.34	0.65	2.3	7.3
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	10/01/62-04/01/67	13 ##	5.5	8.077	34.	0.5	88.619	9.414	1.1	2.5	7.25	29.2
01065	NICKEL, DISSOLVED (UG/L AS NI)	10/01/62-04/01/67	13 ##	2.	2.115	4.	0.5	1.131	1.064	0.7	1.25	3.	3.8
01070	PHOSPHORUS, TOTAL, SPECTROGRAPH METH (UG/L AS P)	10/01/62-04/01/67	13	15.	26.	88.	1.5	654.625	25.586	1.7	6.75	41.5	74.8
01075	SILVER, DISSOLVED (UG/L AS AG)	10/01/62-04/01/67	13 ##	0.25	0.258	0.4	0.1	0.01	0.098	0.1	0.2	0.325	0.4
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	10/01/62-04/01/67	13	36.	38.923	70.	9.	311.244	17.642	11.8	26.	53.5	65.6
01085	VANADIUM, DISSOLVED (UG/L AS V)	10/01/62-04/01/67	13 ##	4.	4.115	7.5	0.5	5.131	2.265	1.1	2.25	6.25	7.3
01090	ZINC, DISSOLVED (UG/L AS ZN)	10/01/62-04/01/67	13	13.	11.577	25.	1.5	64.369	8.023	1.5	3.75	18.5	23.8
01105	ALUMINUM, TOTAL (UG/L AS AL)	04/01/63-04/01/67	12 ##	7.5	18.125	92.	1.5	645.097	25.399	1.5	2.	25.25	73.1
01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/01/62-10/01/62	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
01501	ALPHA, TOTAL	03/12/58-05/08/68	208	0.	0.736	24.	0.	3.906	1.976	0.	0.	1.	2.
01502	ALPHA, TOTAL, COUNTING ERROR	03/12/58-05/08/68	182	1.	0.676	9.	0.	0.718	0.847	0.	0.	1.	1.
01503	ALPHA, DISSOLVED	03/12/58-05/08/68	208	0.	0.274	4.	0.	0.326	0.571	0.	0.	0.	1.
01504	ALPHA, DISSOLVED, COUNTING ERROR	03/12/58-05/08/68	182	1.	0.516	1.	0.	0.251	0.501	0.	0.	1.	1.
01505	ALPHA, SUSPENDED	03/12/58-05/08/68	208	0.	0.462	23.	0.	3.264	1.807	0.	0.	0.	1.
01506	ALPHA, SUSPENDED, COUNTING ERROR	03/12/58-05/08/68	182	0.	0.467	9.	0.	0.748	0.865	0.	0.	1.	1.
03501	BETA, TOTAL	03/12/58-05/08/68	343	27.	42.102	503.	0.	2753.209	52.471	5.4	10.	53.	92.6
03502	BETA, TOTAL, COUNTING ERROR	03/12/58-05/08/68	262	7.	6.55	50.	0.	29.628	5.443	1.	2.	10.	10.
03503	BETA, DISSOLVED	03/12/58-05/08/68	344	21.	32.581	260.	0.	1439.789	37.945	4.	9.	37.75	77.5
03504	BETA, DISSOLVED, COUNTING ERROR	03/12/58-05/08/68	263	5.	5.399	70.	0.	30.248	5.5	1.	1.	8.	10.
03505	BETA, SUSPENDED	03/12/58-05/08/68	343	2.	9.475	435.	0.	891.385	29.856	0.	0.	9.	23.
03506	BETA, SUSPENDED, COUNTING ERROR	03/12/58-05/08/68	263	4.	4.913	60.	0.	27.668	5.26	1.	1.	8.	10.
13501	STRONTIUM 90, TOTAL	01/01/59-01/01/65	24	1.35	1.783	4.8	0.4	1.585	1.259	0.55	0.825	2.275	4.25
13502	STRONTIUM 90, TOTAL, COUNTING ERROR	10/01/64-01/01/65	2	0.25	0.25	0.3	0.2	0.005	0.071	**	**	**	**
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	03/12/58-05/08/68	292	500.	4752.789	240000.	0.5	283245671.181	16829.904	2.15	24.25	2275.	10000.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	03/12/58-05/08/68	292	2.699	2.434	5.38	-0.301	1.706	1.306	0.33	1.385	3.357	4.
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			271.389								
32000	SAMPLE SIZE (LITERS)	05/08/67-03/18/68	4	1330.	1340.25	1506.	1195.	16710.917	129.271	**	**	**	**
32001	SAMPLE SIZE (GALLONS)	03/12/58-03/18/68	92	4100.	3920.772	15260.	233.	8552996.486	2924.551	327.9	2307.	4736.25	5464.5
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	03/12/58-03/18/68	100	151.	227.95	860.	98.	27397.866	165.523	111.1	127.75	223.	497.9
32004	CARBON ALCOHOL EXTRACTABLES	03/12/58-03/18/68	100	105.	164.94	640.	57.	18435.35	135.777	68.	82.75	154.	406.8
32005	CARBON CHLOROFORM EXTRACTABLES	03/12/58-03/18/68	100	51.	63.01	271.	21.	1443.202	37.989	35.1	43.	76.5	108.7
32021	CARBON CHLOROFORM EXTRACTS, ETHER INSOLUBLES OF	03/12/58-10/09/63	46	2.	1.804	4.	0.	0.872	0.934	1.	1.	2.	3.
32022	CARBON CHLOROFORM EXTRACTS, WATER SOLUBLES OF	03/12/58-10/09/63	46	11.	11.739	29.	5.	19.53	4.419	6.	9.	14.	17.6
32023	ACIDS, STRONG	03/12/58-10/09/63	46	3.	3.565	8.	1.	2.873	1.695	2.	2.	5.	6.
32024	ACIDS, WEAK	03/12/58-10/09/63	46	5.	5.174	11.	2.	2.991	1.73	3.	4.	6.	7.
32025	BASES	03/12/58-10/09/63	46	1.	0.87	1.	0.	0.116	0.341	0.	1.	1.	1.
32026	NEUTRALS, TOTAL	03/12/58-10/09/63	46	13.	15.435	54.	9.	55.762	7.467	10.	12.	17.	21.3
32027	ALIPHATICS FRACTION OF NEUTRALS	03/12/58-10/09/63	46	1.	1.957	15.	1.	5.731	2.394	1.	1.	2.	2.
32028	AROMATICS FRACTION OF NEUTRALS	03/12/58-10/09/63	46	1.	1.609	8.	1.	1.532	1.238	1.	1.	2.	2.3
32029	OXYGENATED COMPOUNDS FRACTION OF NEUTRALS	03/12/58-10/09/63	46	10.	11.152	29.	7.	15.376	3.921	7.7	9.	12.	15.
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	03/18/64-03/27/68	41	0.03	0.035	0.08	0.01	0.	0.018	0.012	0.02	0.04	0.068
60050	ALGAE, TOTAL (CELLS/ML)	10/02/61-08/02/65	77	400.	522.078	3100.	0.	228058.783	477.555	100.	200.	700.	1020.
60100	ALGAE, COCCOID BLUE-GREEN (CELLS/ML)	10/02/61-08/02/65	77	0.	7.792	150.	0.	477.956	21.862	0.	0.	0.	24.
60150	ALGAE, FILAMENTOUS BLUE-GREEN (CELLS/ML)	10/02/61-08/02/65	77	0.	14.416	620.	0.	5309.193	72.864	0.	0.	0.	20.
60200	ALGAE, COCCOID GREEN (CELLS/ML)	10/02/61-08/02/65	77	40.	85.584	1160.	0.	23253.93	152.492	0.	0.	110.	212.
60250	ALGAE, FILAMENTOUS GREEN (CELLS/ML)	10/02/61-08/02/65	77	0.	1.039	40.	0.	30.485	5.521	0.	0.	0.	0.
60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	10/02/61-08/02/65	77	20.	60.26	1060.	0.	17476.247	132.198	0.	0.	65.	150.
60350	ALGAE, FLAGELLATE OTHER (CELLS/ML)	10/02/61-08/02/65	77	0.	26.494	230.	0.	1978.332	44.478	0.	0.	40.	72.
60390	DIATOMS, DOMINANT SPECIES, PERCENT OF TOTAL	10/02/61-08/02/65	74	30.	31.041	75.	11.	182.889	13.524	14.	21.	38.	48.5
60400	DIATOMS, CENTRIC (/ML)	10/02/61-08/02/65	77	140.	202.727	820.	0.	32767.464	181.018	40.	80.	270.	454.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0273

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
60600	DIATOMS, PENNATE (/ML)	10/02/61-08/02/65	77	80.	122.338	830.	0.	19591.832	139.971	20.	40.	155.	274.
60820	PROTOZOA, TOTAL (/ML)	10/02/61-04/01/63	34	0.	1.471	10.	0.	12.923	3.595	0.	0.	0.	10.
60850	ROTIFERS, TOTAL (/LITER)	10/02/61-06/07/65	69	6.	36.986	590.	0.	7268.544	85.256	0.	1.	36.5	115.
60900	CRUSTACEA, TOTAL (/LITER)	10/02/61-06/07/65	69	0.	1.812	15.	0.	13.685	3.699	0.	0.	1.5	9.
60950	NEMATODES, TOTAL (/LITER)	10/02/61-06/07/65	69	0.	0.536	22.	0.	7.399	2.72	0.	0.	0.	1.
60990	ZOOPLANKTON OTHER (/LITER)	10/02/61-06/07/65	69	0.	0.043	2.	0.	0.072	0.268	0.	0.	0.	0.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0273

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	262	21	0.08	107	1	0.01	83	5	0.06	72	15	0.21			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	334	3	0.01	141	3	0.02	101	0	0.00	92	0	0.00			
00400	PH	Fresh Chronic	9.	261	0	0.00	109	0	0.00	81	0	0.00	71	0	0.00			
		Other-Lo Lim.	6.5	261	0	0.00	109	0	0.00	81	0	0.00	71	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	28	0	0.00	6	0	0.00	11	0	0.00	11	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	338	0	0.00	143	0	0.00	105	0	0.00	90	0	0.00			
		Drinking Water	250.	338	0	0.00	143	0	0.00	105	0	0.00	90	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	330	0	0.00	140	0	0.00	102	0	0.00	88	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	10	0	0.00	5	0	0.00	3	0	0.00	2	0	0.00			
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	13	0	0.00	5	0	0.00	4	0	0.00	4	0	0.00			
		Drinking Water	50.	13	0	0.00	5	0	0.00	4	0	0.00	4	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	13	0	0.00	5	0	0.00	4	0	0.00	4	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	13	0	0.00	5	0	0.00	4	0	0.00	4	0	0.00			
		Drinking Water	4.	13	0	0.00	5	0	0.00	4	0	0.00	4	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	8 &	0	0.00	2	0	0.00	3	0	0.00	3	0	0.00			
		Drinking Water	5.	9 &	0	0.00	3	0	0.00	3	0	0.00	3	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	13	0	0.00	5	0	0.00	4	0	0.00	4	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	13	2	0.15	5	1	0.20	4	0	0.00	4	1	0.25			
		Drinking Water	1300.	13	0	0.00	5	0	0.00	4	0	0.00	4	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	13	0	0.00	5	0	0.00	4	0	0.00	4	0	0.00			
		Drinking Water	15.	13	2	0.15	5	1	0.20	4	1	0.25	4	0	0.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	13	0	0.00	5	0	0.00	4	0	0.00	4	0	0.00			
		Drinking Water	100.	13	0	0.00	5	0	0.00	4	0	0.00	4	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	13	0	0.00	5	0	0.00	4	0	0.00	4	0	0.00			
		Drinking Water	100.	13	0	0.00	5	0	0.00	4	0	0.00	4	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	13	0	0.00	5	0	0.00	4	0	0.00	4	0	0.00			
		Drinking Water	5000.	13	0	0.00	5	0	0.00	4	0	0.00	4	0	0.00			
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
13501	STRONTIUM 90, TOTAL	Drinking Water	8.	24	0	0.00	12	0	0.00	7	0	0.00	5	0	0.00			
31503	COLIFORM,TOT,MEMBRANE FILTR,DELAY. M-END	Other-Hi Lim.	1000.	292	121	0.41	108	41	0.38	99	40	0.40	85	40	0.47			
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXT	Fresh Acute	28900.	100	0	0.00	44	0	0.00	30	0	0.00	26	0	0.00			
		Drinking Water	100.	100	98	0.98	44	44	1.00	30	29	0.97	26	25	0.96			
32005	CARBON CHLOROFORM EXTRACTABLES	Fresh Acute	28900.	100	0	0.00	44	0	0.00	30	0	0.00	26	0	0.00			
		Drinking Water	100.	100	11	0.11	44	5	0.11	30	2	0.07	26	4	0.15			
32021	CARBON CHLOROFORM EXTRACTS, ETHER INSOLU	Fresh Acute	28900.	46	0	0.00	21	0	0.00	13	0	0.00	12	0	0.00			
		Drinking Water	100.	46	0	0.00	21	0	0.00	13	0	0.00	12	0	0.00			
32022	CARBON CHLOROFORM EXTRACTS, WATER SOLUBL	Fresh Acute	28900.	46	0	0.00	21	0	0.00	13	0	0.00	12	0	0.00			
		Drinking Water	100.	46	0	0.00	21	0	0.00	13	0	0.00	12	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1958 - Station CHCH0273

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/12/58-05/29/68	40	18.2	17.695	26.3	6.7	41.843	6.469	7.41	12.45	23.5	25.16
00060	FLOW, STREAM, MEAN DAILY CFS	03/12/58-09/28/66	69	38300.	36852.174	113000.	9600.	197326061.381	14047.28	22300.	28750.	40950.	45600.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/12/58-05/29/68	41	20.	24.561	85.	8.	293.202	17.123	13.4	18.	21.	56.
00080	COLOR (PLATINUM-COBALT UNITS)	03/12/58-05/29/68	41	2.	3.878	17.	2.	9.41	3.068	2.	2.	6.	7.8
00300	OXYGEN, DISSOLVED MG/L	03/12/58-05/29/68	44	7.7	7.925	11.1	5.3	2.854	1.69	5.95	6.45	9.25	10.65
00310	BOD, 5 DAY, 20 DEG C MG/L	03/12/58-05/29/68	44	1.3	1.389	2.7	0.6	0.2	0.447	0.9	1.1	1.6	2.2
00335	COD, .025N K2CR2O7 MG/L	03/12/58-05/29/68	44	6.5	7.161	16.4	2.2	10.569	3.251	3.3	5.075	8.85	12.
00370	CHLORINE DEMAND, 1 HOUR (MG/L)	03/12/58-11/10/65	44	1.5	1.639	2.7	1.	0.197	0.444	1.2	1.325	1.875	2.5
00380	CHLORINE DEMAND, 24 HOUR (MG/L)	03/12/58-11/10/65	44	3.85	3.945	7.	2.9	0.686	0.828	3.05	3.4	4.3	5.15
00400	PH (STANDARD UNITS)	03/12/58-05/29/68	41	7.5	7.429	7.6	7.2	0.01	0.098	7.3	7.35	7.5	7.5
00400	CONVERTED PH (STANDARD UNITS)	03/12/58-05/29/68	41	7.5	7.418	7.6	7.2	0.01	0.099	7.3	7.35	7.5	7.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/12/58-05/29/68	41	0.032	0.038	0.063	0.025	0.	0.009	0.032	0.032	0.045	0.05
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/12/58-05/29/68	41	55.	54.61	59.	41.	14.894	3.859	48.4	53.	58.	59.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/26/58-05/29/68	41	116.	114.854	135.	76.	214.878	14.659	91.2	108.5	127.5	132.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/12/58-11/10/65	44	0.	0.028	0.16	0.	0.002	0.042	0.	0.	0.04	0.09
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/12/58-05/29/68	41	72.	69.902	82.	46.	47.39	6.884	64.	66.	74.	78.
00940	CHLORIDE,TOTAL IN WATER MG/L	03/12/58-05/29/68	41	10.	10.488	17.	2.	19.406	4.405	4.	7.	14.5	16.
00945	SULFATE, TOTAL (MG/L AS SO4)	03/26/58-05/29/68	41	16.	16.244	26.	10.	13.339	3.652	13.	14.	17.	24.
01501	ALPHA, TOTAL	03/12/58-05/08/68	9	1.	1.222	3.	0.	1.194	1.093	0.	0.	2.	3.
01502	ALPHA, TOTAL, COUNTING ERROR	03/12/58-05/08/68	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
01503	ALPHA, DISSOLVED	03/12/58-05/08/68	9	0.	0.556	2.	0.	0.528	0.726	0.	0.	1.	2.
01504	ALPHA, DISSOLVED, COUNTING ERROR	03/12/58-05/08/68	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
01505	ALPHA, SUSPENDED	03/12/58-05/08/68	9	1.	0.667	1.	0.	0.25	0.5	0.	0.	1.	1.
01506	ALPHA, SUSPENDED, COUNTING ERROR	03/12/58-05/08/68	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
03501	BETA, TOTAL	03/12/58-05/08/68	41	38.	53.073	347.	0.	3346.37	57.848	16.	21.	64.	100.6
03502	BETA, TOTAL, COUNTING ERROR	03/12/58-05/08/68	41	10.	10.488	20.	10.	4.756	2.181	10.	10.	10.	10.
03503	BETA, DISSOLVED	03/12/58-05/08/68	42	24.5	37.881	258.	0.	2068.4	45.48	4.6	17.75	44.5	60.7
03504	BETA, DISSOLVED, COUNTING ERROR	03/12/58-05/08/68	42	10.	10.	20.	0.	4.878	2.209	10.	10.	10.	10.
03505	BETA, SUSPENDED	03/12/58-05/08/68	41	6.	14.683	89.	0.	461.222	21.476	0.	0.	23.	50.
03506	BETA, SUSPENDED, COUNTING ERROR	03/12/58-05/08/68	42	10.	8.571	20.	0.	17.422	4.174	0.	10.	10.	10.
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	03/12/58-05/08/68	37 ##	4.	120.5	1500.	0.5	101220.486	318.152	1.5	1.5	29.5	386.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	03/12/58-05/08/68	37 ##	0.602	0.946	3.176	-0.301	0.921	0.959	0.176	0.176	1.41	2.586
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			8.831								
32001	SAMPLE SIZE (GALLONS)	03/12/58-03/18/68	10	4467.	4287.8	5535.	2066.	840549.067	916.815	2242.7	3899.75	4759.	5474.5
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	03/12/58-03/18/68	10	132.	154.7	342.	100.	5145.789	71.734	100.6	109.75	181.25	326.
32004	CARBON ALCOHOL EXTRACTABLES	03/12/58-03/18/68	10	91.5	102.	211.	65.	1889.333	43.466	65.5	70.	119.25	202.8
32005	CARBON CHLOROFORM EXTRACTABLES	03/12/58-03/18/68	10	42.	52.7	131.	35.	838.011	28.948	35.1	37.5	56.	124.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1959 - Station CHCH0273

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/12/58-05/29/68	52	16.5	16.517	26.3	5.	57.655	7.593	6.35	8.4	23.95	25.8
00060	FLOW, STREAM, MEAN DAILY CFS	03/12/58-09/28/66	65	30100.	34292.308	86000.	16800.	192909783.654	13889.197	20220.	24350.	43000.	51040.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/12/58-05/29/68	52	18.	27.115	153.	10.	511.633	22.619	13.	15.	32.	48.1
00080	COLOR (PLATINUM-COBALT UNITS)	03/12/58-05/29/68	52	8.	8.404	23.	4.	18.285	4.276	4.	5.	10.	14.7
00300	OXYGEN, DISSOLVED MG/L	03/12/58-05/29/68	52	7.65	7.788	11.5	4.	5.266	2.295	4.93	5.725	10.15	10.91
00310	BOD, 5 DAY, 20 DEG C MG/L	03/12/58-05/29/68	52	1.7	2.01	5.7	0.8	1.266	1.125	0.8	1.225	2.5	3.34
00335	COD, .025N K2CR2O7 MG/L	03/12/58-05/29/68	52	8.1	9.004	25.	4.6	14.128	3.759	5.32	6.15	11.	14.19
00370	CHLORINE DEMAND, 1 HOUR (MG/L)	03/12/58-11/10/65	52	1.6	1.756	3.4	1.	0.264	0.514	1.2	1.4	1.9	2.6
00380	CHLORINE DEMAND, 24 HOUR (MG/L)	03/12/58-11/10/65	52	3.8	4.131	7.9	2.8	1.213	1.101	3.1	3.425	4.4	5.87
00400	PH (STANDARD UNITS)	03/12/58-05/29/68	51	7.3	7.324	7.5	7.2	0.003	0.055	7.3	7.3	7.3	7.4
00400	CONVERTED PH (STANDARD UNITS)	03/12/58-05/29/68	51	7.3	7.32	7.5	7.2	0.003	0.055	7.3	7.3	7.3	7.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/12/58-05/29/68	51	0.05	0.048	0.063	0.032	0.	0.006	0.04	0.05	0.05	0.05
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/12/58-05/29/68	51	50.	50.275	62.	42.	18.723	4.327	45.2	47.	53.	55.8
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/26/58-05/29/68	52	112.5	115.788	170.	70.	610.719	24.713	88.6	99.	127.75	159.7

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1959 - Station CHCH0273

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/07/59-09/13/66	49	33.	47.857	224.	9.	1706.792	41.313	18.	26.	53.5	82.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/12/58-11/10/65	52	0.	0.015	0.1	0.	0.001	0.023	0.	0.	0.02	0.047
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/12/58-05/29/68	52	68.	68.269	96.	56.	53.024	7.282	58.	64.	72.	76.
00940	CHLORIDE,TOTAL IN WATER MG/L	03/12/58-05/29/68	52	10.	11.25	30.	2.	37.368	6.113	3.	8.	14.75	20.
00945	SULFATE, TOTAL (MG/L AS SO4)	03/26/58-05/29/68	52	18.	18.673	25.	13.	6.93	2.633	15.	17.	20.	22.7
01501	ALPHA, TOTAL	03/12/58-05/08/68	11	0.	0.636	2.	0.	0.655	0.809	0.	0.	1.	2.
01502	ALPHA, TOTAL, COUNTING ERROR	03/12/58-05/08/68	8	0.	0.	0.	0.	0.	0.	**	**	**	**
01503	ALPHA, DISSOLVED	03/12/58-05/08/68	11	0.	0.273	1.	0.	0.218	0.467	0.	0.	1.	1.
01504	ALPHA, DISSOLVED, COUNTING ERROR	03/12/58-05/08/68	8	0.	0.	0.	0.	0.	0.	**	**	**	**
01505	ALPHA, SUSPENDED	03/12/58-05/08/68	11	0.	0.364	1.	0.	0.255	0.505	0.	0.	1.	1.
01506	ALPHA, SUSPENDED, COUNTING ERROR	03/12/58-05/08/68	8	0.	0.	0.	0.	0.	0.	**	**	**	**
03501	BETA, TOTAL	03/12/58-05/08/68	52	38.	50.788	233.	1.	2135.229	46.209	10.6	17.25	62.25	115.6
03502	BETA, TOTAL, COUNTING ERROR	03/12/58-05/08/68	39	10.	8.718	50.	0.	95.682	9.782	0.	0.	10.	20.
03503	BETA, DISSOLVED	03/12/58-05/08/68	52	26.	39.481	218.	1.	1686.019	41.061	6.2	13.5	44.5	98.6
03504	BETA, DISSOLVED, COUNTING ERROR	03/12/58-05/08/68	39	10.	7.692	70.	0.	134.008	11.576	0.	0.	10.	10.
03505	BETA, SUSPENDED	03/12/58-05/08/68	52	5.5	11.308	98.	0.	273.354	16.533	0.	0.25	15.	29.8
03506	BETA, SUSPENDED, COUNTING ERROR	03/12/58-05/08/68	39	10.	7.179	60.	0.	99.73	9.986	0.	0.	10.	10.
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	03/12/58-05/08/68	50	20.	343.9	4700.	0.5	746491.418	863.997	1.5	2.	205.	1290.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	03/12/58-05/08/68	50	1.301	1.421	3.672	-0.301	1.19	1.091	0.176	0.301	2.311	3.11
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			26.341								
32001	SAMPLE SIZE (GALLONS)	03/12/58-03/18/68	10	4612.5	4460.6	4910.	3630.	221091.156	470.203	3653.3	4003.25	4883.25	4908.
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	03/12/58-03/18/68	10	155.	164.2	233.	131.	939.956	30.659	131.4	140.25	183.5	228.5
32004	CARBON ALCOHOL EXTRACTABLES	03/12/58-03/18/68	10	104.5	111.9	158.	82.	550.322	23.459	82.6	99.25	130.5	156.3
32005	CARBON CHLOROFORM EXTRACTABLES	03/12/58-03/18/68	10	51.	52.3	75.	36.	114.9	10.719	36.7	46.	56.75	73.7

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1960 - Station CHCH0273

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/12/58-05/29/68	50	17.1	16.778	26.8	4.5	59.897	7.739	6.2	7.8	24.275	26.25
00060	FLOW, STREAM, MEAN DAILY CFS	03/12/58-09/28/66	90	33550.	33642.222	52800.	14400.	66344714.107	8145.226	23340.	27250.	39625.	44920.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/12/58-05/29/68	50	11.5	13.82	80.	5.	122.6	11.072	7.	7.	15.	22.
00080	COLOR (PLATINUM-COBALT UNITS)	03/12/58-05/29/68	50	5.	5.26	14.	0.	8.196	2.863	3.	3.	7.	8.9
00300	OXYGEN, DISSOLVED MG/L	03/12/58-05/29/68	47	7.7	8.115	11.8	4.5	5.619	2.37	5.32	5.8	10.3	11.26
00310	BOD, 5 DAY, 20 DEG C MG/L	03/12/58-05/29/68	47	2.1	2.381	6.7	0.9	1.526	1.235	1.18	1.6	2.8	3.84
00335	COD, .025N K2CR2O7 MG/L	03/12/58-05/29/68	47	10.	11.298	37.	3.	35.518	5.96	6.	7.	13.	19.
00370	CHLORINE DEMAND, 1 HOUR (MG/L)	03/12/58-11/10/65	46	1.5	1.546	3.	1.	0.117	0.342	1.17	1.3	1.7	1.9
00380	CHLORINE DEMAND, 24 HOUR (MG/L)	03/12/58-11/10/65	46	3.6	3.7	7.5	1.9	0.599	0.774	3.	3.375	3.925	4.4
00400	PH (STANDARD UNITS)	03/12/58-05/29/68	50	7.4	7.38	7.5	7.3	0.004	0.061	7.3	7.3	7.4	7.49
00400	CONVERTED PH (STANDARD UNITS)	03/12/58-05/29/68	50	7.4	7.376	7.5	7.3	0.004	0.061	7.3	7.3	7.4	7.49
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/12/58-05/29/68	50	0.04	0.042	0.05	0.032	0.	0.006	0.032	0.04	0.05	0.05
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/12/58-05/29/68	50	52.	52.5	60.	45.	11.806	3.436	48.	50.	55.25	57.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/26/58-05/29/68	47	112.	114.277	170.	80.	421.161	20.522	82.	104.	126.	145.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/07/59-09/13/66	48	24.5	29.792	201.	2.	771.02	27.767	12.9	19.25	33.	41.1
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/12/58-11/10/65	47	0.	0.011	0.1	0.	0.001	0.031	0.	0.	0.	0.1
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/12/58-05/29/68	50	74.	72.84	84.	54.	45.076	6.714	62.	70.	78.	80.
00940	CHLORIDE,TOTAL IN WATER MG/L	03/12/58-05/29/68	50	9.	9.6	19.	2.	19.673	4.435	4.	6.	13.	16.9
00945	SULFATE, TOTAL (MG/L AS SO4)	03/26/58-05/29/68	47	16.	15.638	27.	10.	12.105	3.479	11.	13.	18.	19.
01501	ALPHA, TOTAL	03/12/58-05/08/68	19	0.	0.368	2.	0.	0.357	0.597	0.	0.	1.	1.
01503	ALPHA, DISSOLVED	03/12/58-05/08/68	19	0.	0.316	1.	0.	0.228	0.478	0.	0.	1.	1.
01505	ALPHA, SUSPENDED	03/12/58-05/08/68	19	0.	0.053	1.	0.	0.053	0.229	0.	0.	0.	0.
03501	BETA, TOTAL	03/12/58-05/08/68	49	47.	65.388	276.	0.	3382.242	58.157	8.	23.	92.	143.
03503	BETA, DISSOLVED	03/12/58-05/08/68	49	45.	63.531	260.	0.	3093.921	55.623	8.	23.	89.	143.
03505	BETA, SUSPENDED	03/12/58-05/08/68	49	0.	1.857	16.	0.	21.417	4.628	0.	0.	0.	14.
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	03/12/58-05/08/68	38	25.	103.395	780.	2.	28105.543	167.647	4.	10.	125.	420.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	03/12/58-05/08/68	38	1.398	1.529	2.892	0.301	0.454	0.674	0.602	1.	2.096	2.623

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1960 - Station CHCH0273

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			33.812								
32001	SAMPLE SIZE (GALLONS)	03/12/58-03/18/68	11	4750.	4626.364	5300.	3370.	255945.455	505.911	3516.	4590.	4840.	5234.
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	03/12/58-03/18/68	11	131.	137.	178.	104.	455.4	21.34	107.4	125.	144.	176.4
32004	CARBON ALCOHOL EXTRACTABLES	03/12/58-03/18/68	11	104.	102.909	131.	76.	230.291	15.175	77.8	94.	110.	128.4
32005	CARBON CHLOROFORM EXTRACTABLES	03/12/58-03/18/68	11	33.	34.091	52.	21.	86.691	9.311	21.8	26.	37.	51.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1961 - Station CHCH0273

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/12/58-05/29/68	26	16.8	16.542	25.8	4.5	45.797	6.767	5.27	12.025	22.55	25.2
00060	FLOW, STREAM, MEAN DAILY CFS	03/12/58-09/28/66	50	34900.	41232.	144000.	13100.	657033240.816	25632.66	24750.	31900.	38150.	75010.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/12/58-05/29/68	26	24.5	40.346	155.	10.	1767.435	42.041	10.	12.	47.5	123.3
00080	COLOR (PLATINUM-COBALT UNITS)	03/12/58-05/29/68	26	6.	7.077	20.	3.	18.074	4.251	3.	4.	9.	15.
00300	OXYGEN, DISSOLVED MG/L	03/12/58-05/29/68	25	8.1	8.132	12.2	5.2	4.339	2.083	5.46	6.3	9.6	11.44
00310	BOD, 5 DAY, 20 DEG C MG/L	03/12/58-05/29/68	25	1.8	1.904	4.1	0.8	0.708	0.841	1.02	1.2	2.3	3.18
00335	COD, .025N K2CR2O7 MG/L	03/12/58-05/29/68	25	20.	19.2	29.	12.	22.75	4.77	12.6	14.5	22.	27.
00370	CHLORINE DEMAND, 1 HOUR (MG/L)	03/12/58-11/10/65	25	1.5	1.664	3.4	1.1	0.322	0.568	1.1	1.35	1.9	2.68
00380	CHLORINE DEMAND, 24 HOUR (MG/L)	03/12/58-11/10/65	24	3.45	3.925	7.	2.6	1.357	1.165	3.05	3.225	3.975	6.2
00400	PH (STANDARD UNITS)	03/12/58-05/29/68	26	7.4	7.354	7.5	7.1	0.011	0.103	7.17	7.3	7.4	7.5
00400	CONVERTED PH (STANDARD UNITS)	03/12/58-05/29/68	26	7.4	7.341	7.5	7.1	0.011	0.104	7.17	7.3	7.4	7.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/12/58-05/29/68	26	0.04	0.046	0.079	0.032	0.	0.012	0.032	0.04	0.05	0.068
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/12/58-05/29/68	26	50.	49.846	64.	34.	49.415	7.03	38.9	46.5	54.	58.6
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/26/58-05/29/68	26	109.	112.385	152.	85.	274.566	16.57	90.9	102.	124.75	136.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/07/59-09/13/66	25	37.	56.44	286.	21.	3436.09	58.618	22.6	31.5	47.	146.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/12/58-11/10/65	25	0.	0.004	0.1	0.	0.	0.02	0.	0.	0.	0.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/12/58-05/29/68	26	70.	70.308	88.	46.	95.582	9.777	56.2	64.	78.	82.6
00940	CHLORIDE,TOTAL IN WATER MG/L	03/12/58-05/29/68	26	7.	9.385	20.	2.	32.086	5.664	2.7	4.	16.	17.
00945	SULFATE, TOTAL (MG/L AS SO4)	03/26/58-05/29/68	25	17.	19.16	37.	11.	41.973	6.479	12.	15.	21.	31.6
01501	ALPHA, TOTAL	03/12/58-05/08/68	7	1.	1.143	4.	0.	2.143	1.464	**	**	**	**
01502	ALPHA, TOTAL, COUNTING ERROR	03/12/58-05/08/68	3	1.	1.333	2.	1.	0.333	0.577	**	**	**	**
01503	ALPHA, DISSOLVED	03/12/58-05/08/68	7	0.	0.429	2.	0.	0.619	0.787	**	**	**	**
01504	ALPHA, DISSOLVED, COUNTING ERROR	03/12/58-05/08/68	3	1.	1.	1.	1.	0.	0.	**	**	**	**
01505	ALPHA, SUSPENDED	03/12/58-05/08/68	7	0.	0.714	4.	0.	2.238	1.496	**	**	**	**
01506	ALPHA, SUSPENDED, COUNTING ERROR	03/12/58-05/08/68	3	1.	1.	2.	0.	1.	1.	**	**	**	**
03501	BETA, TOTAL	03/12/58-05/08/68	26	48.	56.923	164.	4.	1596.794	39.96	14.7	24.5	80.25	117.3
03502	BETA, TOTAL, COUNTING ERROR	03/12/58-05/08/68	7	8.	8.429	9.	8.	0.286	0.535	**	**	**	**
03503	BETA, DISSOLVED	03/12/58-05/08/68	26	45.	50.577	160.	4.	1224.414	34.992	13.1	24.5	77.25	93.5
03504	BETA, DISSOLVED, COUNTING ERROR	03/12/58-05/08/68	7	6.	6.143	7.	5.	0.476	0.69	**	**	**	**
03505	BETA, SUSPENDED	03/12/58-05/08/68	26	1.5	6.346	93.	0.	328.075	18.113	0.	0.	4.25	12.2
03506	BETA, SUSPENDED, COUNTING ERROR	03/12/58-05/08/68	7	5.	5.429	7.	5.	0.619	0.787	**	**	**	**
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	03/12/58-05/08/68	25	400.	3076.68	52000.	12.	106120460.227	10301.479	19.8	45.	1950.	4960.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	03/12/58-05/08/68	25	2.602	2.525	4.716	1.079	0.878	0.937	1.27	1.651	3.29	3.691
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			334.777								
32001	SAMPLE SIZE (GALLONS)	03/12/58-03/18/68	14	4035.	5482.143	11630.	3030.	10957925.824	3310.276	3090.	3450.	6365.	11570.
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	03/12/58-03/18/68	14	154.5	156.071	205.	101.	818.071	28.602	112.5	138.	180.25	198.5
32004	CARBON ALCOHOL EXTRACTABLES	03/12/58-03/18/68	14	96.5	102.929	142.	73.	542.071	23.282	74.	83.	121.5	141.5
32005	CARBON CHLOROFORM EXTRACTABLES	03/12/58-03/18/68	14	50.5	53.143	77.	28.	176.901	13.3	33.	45.5	61.75	75.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1962 - Station CHCH0273

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/12/58-05/29/68	25	16.8	16.788	26.9	5.6	62.335	7.895	6.5	9.2	25.	26.54
00060	FLOW, STREAM, MEAN DAILY CFS	03/12/58-09/28/66	53	34300.	39845.283	106000.	17500.	316868294.63	17800.795	24760.	28700.	45500.	62340.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/12/58-05/29/68	25	21.	23.44	43.	10.	77.757	8.818	15.	16.	31.	36.8
00080	COLOR (PLATINUM-COBALT UNITS)	03/12/58-05/29/68	25	5.	5.72	9.	3.	2.127	1.458	4.6	5.	7.	8.4
00300	OXYGEN, DISSOLVED MG/L	03/12/58-05/29/68	26	7.85	7.788	11.	4.3	5.332	2.309	4.87	5.35	10.125	10.76
00310	BOD, 5 DAY, 20 DEG C MG/L	03/12/58-05/29/68	26	1.35	1.654	5.	0.6	0.909	0.953	0.8	1.	2.025	3.01
00335	COD, .025N K2CR2O7 MG/L	03/12/58-05/29/68	26	12.	14.385	24.	8.	24.086	4.908	9.	11.	19.	22.3
00370	CHLORINE DEMAND, 1 HOUR (MG/L)	03/12/58-11/10/65	26	1.5	1.512	2.7	1.	0.176	0.42	1.1	1.2	1.7	2.26
00380	CHLORINE DEMAND, 24 HOUR (MG/L)	03/12/58-11/10/65	26	3.25	3.373	5.5	1.6	0.624	0.79	2.68	2.875	3.825	4.49
00400	PH (STANDARD UNITS)	03/12/58-05/29/68	25	7.4	7.364	7.5	7.3	0.004	0.064	7.3	7.3	7.4	7.44
00400	CONVERTED PH (STANDARD UNITS)	03/12/58-05/29/68	25	7.4	7.36	7.5	7.3	0.004	0.064	7.3	7.3	7.4	7.44
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/12/58-05/29/68	25	0.04	0.044	0.05	0.032	0.	0.006	0.037	0.04	0.05	0.05
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/12/58-05/29/68	25	51.	50.16	71.	41.	38.973	6.243	41.6	46.5	53.	55.4
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/26/58-05/29/68	25	102.	106.76	142.	80.	233.44	15.279	88.4	96.	116.5	131.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/07/59-09/13/66	25	38.	39.12	54.	24.	60.11	7.753	27.6	35.	45.	50.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/12/58-11/10/65	26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/12/58-05/29/68	25	74.	71.52	94.	54.	71.093	8.432	59.2	68.	76.	78.8
00940	CHLORIDE,TOTAL IN WATER MG/L	03/12/58-05/29/68	29	7.	8.862	19.	1.	23.052	4.801	3.	5.	12.5	16.
00945	SULFATE, TOTAL (MG/L AS SO4)	03/26/58-05/29/68	26	15.5	16.885	28.	11.	18.826	4.339	12.	14.	18.	24.9
01501	ALPHA, TOTAL	03/12/58-05/08/68	12	0.	0.333	1.	0.	0.242	0.492	0.	0.	1.	1.
01502	ALPHA, TOTAL, COUNTING ERROR	03/12/58-05/08/68	12	1.	0.75	1.	0.	0.205	0.452	0.	0.25	1.	1.
01503	ALPHA, DISSOLVED	03/12/58-05/08/68	12	0.	0.167	1.	0.	0.152	0.389	0.	0.	0.	1.
01504	ALPHA, DISSOLVED, COUNTING ERROR	03/12/58-05/08/68	12	1.	0.75	1.	0.	0.205	0.452	0.	0.25	1.	1.
01505	ALPHA, SUSPENDED	03/12/58-05/08/68	12	0.	0.167	1.	0.	0.152	0.389	0.	0.	0.	1.
01506	ALPHA, SUSPENDED, COUNTING ERROR	03/12/58-05/08/68	12	0.	0.417	1.	0.	0.265	0.515	0.	0.	1.	1.
03501	BETA, TOTAL	03/12/58-05/08/68	24	42.5	48.667	99.	12.	562.841	23.724	16.5	32.25	64.75	83.5
03502	BETA, TOTAL, COUNTING ERROR	03/12/58-05/08/68	24	8.	7.667	11.	4.	3.536	1.88	4.5	6.25	9.	10.
03503	BETA, DISSOLVED	03/12/58-05/08/68	24	34.5	35.667	71.	4.	309.014	17.579	10.5	24.75	48.5	62.5
03504	BETA, DISSOLVED, COUNTING ERROR	03/12/58-05/08/68	24	6.	5.958	8.	3.	1.955	1.398	3.5	5.	7.	8.
03505	BETA, SUSPENDED	03/12/58-05/08/68	24	10.5	13.	31.	0.	106.435	10.317	0.	3.25	23.	28.
03506	BETA, SUSPENDED, COUNTING ERROR	03/12/58-05/08/68	24	5.5	5.167	8.	3.	1.536	1.239	3.	4.	6.	6.
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	03/12/58-05/08/68	25	1600.	14306.4	240000.	200.	2277714357.333	47725.406	400.	500.	4450.	27200.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	03/12/58-05/08/68	25	3.204	3.335	5.38	2.301	0.531	0.729	2.602	2.699	3.647	4.43
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			2160.345								
32001	SAMPLE SIZE (GALLONS)	03/12/58-03/18/68	16	4510.	6162.5	15260.	3050.	15486633.333	3935.306	3071.	3412.5	8345.	14154.
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	03/12/58-03/18/68	16	138.	139.75	186.	105.	515.	22.694	109.9	124.5	153.25	174.8
32004	CARBON ALCOHOL EXTRACTABLES	03/12/58-03/18/68	16	85.	90.563	139.	61.	561.463	23.695	65.2	68.5	109.5	127.8
32005	CARBON CHLOROFORM EXTRACTABLES	03/12/58-03/18/68	16	46.5	49.188	77.	35.	95.629	9.779	38.5	44.25	56.	64.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1963 - Station CHCH0273

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/12/58-05/29/68	25	19.	16.692	26.9	3.3	63.244	7.953	5.16	8.1	24.15	25.8
00060	FLOW, STREAM, MEAN DAILY CFS	03/12/58-09/28/66	51	30200.	35435.294	143000.	18300.	537158329.412	23176.676	21760.	28000.	34000.	42440.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/12/58-05/29/68	25	16.	38.22	410.	5.	6690.106	81.793	8.	12.5	26.5	87.2
00080	COLOR (PLATINUM-COBALT UNITS)	03/12/58-05/29/68	25	6.	7.32	25.	4.	18.56	4.308	4.	6.	7.	12.
00300	OXYGEN, DISSOLVED MG/L	03/12/58-05/29/68	25	7.	7.716	11.1	5.4	4.344	2.084	5.4	5.7	9.4	11.04
00310	BOD, 5 DAY, 20 DEG C MG/L	03/12/58-05/29/68	25	1.7	2.096	5.6	0.7	1.596	1.263	0.86	1.3	2.4	4.28
00335	COD, .025N K2CR2O7 MG/L	03/12/58-05/29/68	25	12.	13.2	32.	5.	44.583	6.677	6.8	9.	14.5	27.4
00370	CHLORINE DEMAND, 1 HOUR (MG/L)	03/12/58-11/10/65	25	1.8	2.004	3.8	1.3	0.414	0.643	1.4	1.55	2.25	3.12
00380	CHLORINE DEMAND, 24 HOUR (MG/L)	03/12/58-11/10/65	23	3.8	3.896	5.9	2.1	0.762	0.873	2.56	3.5	4.5	5.04
00400	PH (STANDARD UNITS)	03/12/58-05/29/68	25	7.4	7.368	7.6	7.1	0.012	0.111	7.26	7.3	7.45	7.5
00400	CONVERTED PH (STANDARD UNITS)	03/12/58-05/29/68	25	7.4	7.354	7.6	7.1	0.012	0.112	7.26	7.3	7.45	7.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/12/58-05/29/68	25	0.04	0.044	0.079	0.025	0.	0.012	0.032	0.036	0.05	0.055
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/12/58-05/29/68	25	53.	52.4	61.	26.	56.75	7.533	44.6	49.	58.5	61.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1963 - Station CHCH0273

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/26/58-05/29/68	25	111.	109.52	149.	52.	460.677	21.463	82.8	94.	125.5	135.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/07/59-09/13/66	40	39.5	58.825	692.	13.	11355.122	106.56	21.1	30.5	47.25	59.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/12/58-11/10/65	25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/12/58-05/29/68	25	72.	72.4	90.	44.	99.	9.95	61.2	65.	80.	84.8
00940	CHLORIDE,TOTAL IN WATER MG/L	03/12/58-05/29/68	25	8.	11.12	22.	3.	36.61	6.051	4.8	6.5	17.5	20.4
00945	SULFATE, TOTAL (MG/L AS SO4)	03/26/58-05/29/68	25	17.	18.	27.	11.	14.333	3.786	13.	16.	21.	23.
01501	ALPHA, TOTAL	03/12/58-05/08/68	41	0.	1.293	24.	0.	15.762	3.97	0.	0.	1.	2.8
01502	ALPHA, TOTAL, COUNTING ERROR	03/12/58-05/08/68	41	1.	1.146	9.	0.	1.778	1.333	0.2	1.	1.	1.
01503	ALPHA, DISSOLVED	03/12/58-05/08/68	41	0.	0.268	4.	0.	0.501	0.708	0.	0.	0.	1.
01504	ALPHA, DISSOLVED, COUNTING ERROR	03/12/58-05/08/68	41	1.	0.78	1.	0.	0.176	0.419	0.	1.	1.	1.
01505	ALPHA, SUSPENDED	03/12/58-05/08/68	41	0.	1.024	23.	0.	14.174	3.765	0.	0.	0.5	2.
01506	ALPHA, SUSPENDED, COUNTING ERROR	03/12/58-05/08/68	41	1.	0.854	9.	0.	2.078	1.442	0.	0.	1.	1.
03501	BETA, TOTAL	03/12/58-05/08/68	42	36.	55.381	503.	10.	7783.461	88.224	14.3	18.75	52.25	73.9
03502	BETA, TOTAL, COUNTING ERROR	03/12/58-05/08/68	42	9.	8.262	30.	2.	19.125	4.373	4.	5.	10.	11.
03503	BETA, DISSOLVED	03/12/58-05/08/68	42	28.	30.286	102.	10.	320.209	17.894	12.	16.75	36.	47.8
03504	BETA, DISSOLVED, COUNTING ERROR	03/12/58-05/08/68	42	7.	5.786	9.	2.	3.88	1.97	3.	4.	7.	8.
03505	BETA, SUSPENDED	03/12/58-05/08/68	42	5.	25.095	435.	0.	5661.747	75.245	0.	1.75	16.	40.2
03506	BETA, SUSPENDED, COUNTING ERROR	03/12/58-05/08/68	42	5.	5.571	30.	1.	19.129	4.374	2.3	3.	6.	8.
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	03/12/58-05/08/68	23	2100.	8418.696	43000.	500.	144068757.312	12002.865	712.	1000.	9000.	31200.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	03/12/58-05/08/68	23	3.322	3.535	4.633	2.699	0.351	0.592	2.852	3.	3.954	4.494
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			3423.821								
32001	SAMPLE SIZE (GALLONS)	03/12/58-03/18/68	9	4100.	4092.222	4800.	3460.	187119.444	432.573	3460.	3695.	4415.	4800.
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	03/12/58-03/18/68	12	125.5	132.75	183.	98.	949.659	30.817	98.3	109.	161.5	182.1
32004	CARBON ALCOHOL EXTRACTABLES	03/12/58-03/18/68	12	69.	79.667	132.	57.	632.606	25.152	57.3	62.5	97.	128.4
32005	CARBON CHLOROFORM EXTRACTABLES	03/12/58-03/18/68	12	47.5	53.083	92.	28.	362.447	19.038	31.3	41.25	65.25	89.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1964 - Station CHCH0273

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/12/58-05/29/68	26	16.9	16.704	26.7	5.6	49.208	7.015	6.7	10.75	24.4	24.58
00060	FLOW, STREAM, MEAN DAILY CFS	03/12/58-09/28/66	55	38500.	41036.909	106000.	4630.	229059295.825	15134.705	28280.	31100.	47700.	56600.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/12/58-05/29/68	21 ##	12.5	24.333	70.	12.5	373.958	19.338	12.5	12.5	40.	65.
00080	COLOR (PLATINUM-COBALT UNITS)	03/12/58-05/29/68	21	6.	7.048	14.	1.	10.748	3.278	4.	5.	9.	12.8
00300	OXYGEN, DISSOLVED MG/L	03/12/58-05/29/68	26	7.5	7.662	11.3	4.8	4.405	2.099	5.21	5.55	9.6	10.7
00310	BOD, 5 DAY, 20 DEG C MG/L	03/12/58-05/29/68	26	1.7	1.988	3.7	0.7	0.66	0.813	1.14	1.4	2.525	3.53
00335	COD, .025N K2CR2O7 MG/L	03/12/58-05/29/68	26	9.	10.462	29.	3.	37.138	6.094	4.	7.	11.25	20.6
00370	CHLORINE DEMAND, 1 HOUR (MG/L)	03/12/58-11/10/65	26	2.4	2.488	4.	1.2	0.426	0.653	1.5	2.075	2.925	3.36
00380	CHLORINE DEMAND, 24 HOUR (MG/L)	03/12/58-11/10/65	26	5.	5.031	7.	3.2	0.826	0.909	3.87	4.45	5.775	6.26
00400	PH (STANDARD UNITS)	03/12/58-05/29/68	21	7.2	7.248	7.5	7.1	0.014	0.117	7.1	7.15	7.3	7.4
00400	CONVERTED PH (STANDARD UNITS)	03/12/58-05/29/68	21	7.2	7.233	7.5	7.1	0.014	0.118	7.1	7.15	7.3	7.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/12/58-05/29/68	21	0.063	0.058	0.079	0.032	0.	0.015	0.04	0.05	0.071	0.079
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/12/58-05/29/68	21	46.	46.143	58.	33.	56.029	7.485	34.4	39.	52.5	54.8
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/26/58-05/29/68	25	120.	106.88	138.	65.	757.277	27.519	65.6	81.	130.	138.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/07/59-09/13/66	30	45.5	52.733	171.	11.	1033.789	32.153	30.1	36.75	56.25	97.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/12/58-11/10/65	26	0.	0.046	0.6	0.	0.015	0.124	0.	0.	0.025	0.13
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/12/58-05/29/68	21	68.	66.571	90.	46.	170.457	13.056	48.4	53.5	77.	83.6
00940	CHLORIDE,TOTAL IN WATER MG/L	03/12/58-05/29/68	26	17.	13.654	23.	1.	50.875	7.133	2.7	6.	19.	21.3
00945	SULFATE, TOTAL (MG/L AS SO4)	03/26/58-05/29/68	26	17.	17.269	26.	11.	14.685	3.832	11.7	15.	20.	23.2
01501	ALPHA, TOTAL	03/12/58-05/08/68	40	0.	0.575	4.	0.	0.917	0.958	0.	0.	1.	1.9
01502	ALPHA, TOTAL, COUNTING ERROR	03/12/58-05/08/68	40	1.	0.975	3.	0.	0.281	0.53	0.	1.	1.	1.
01503	ALPHA, DISSOLVED	03/12/58-05/08/68	40	0.	0.1	1.	0.	0.092	0.304	0.	0.	0.	0.9
01504	ALPHA, DISSOLVED, COUNTING ERROR	03/12/58-05/08/68	40	1.	0.75	1.	0.	0.192	0.439	0.	0.25	1.	1.
01505	ALPHA, SUSPENDED	03/12/58-05/08/68	40	0.	0.475	4.	0.	0.922	0.96	0.	0.	1.	1.9
01506	ALPHA, SUSPENDED, COUNTING ERROR	03/12/58-05/08/68	40	1.	0.875	3.	0.	0.369	0.607	0.	1.	1.	1.
03501	BETA, TOTAL	03/12/58-05/08/68	40	18.	23.775	123.	6.	412.333	20.306	9.	11.75	28.	41.9

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1964 - Station CHCH0273

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
03502	BETA, TOTAL, COUNTING ERROR	03/12/58-05/08/68	40	4.	4.925	11.	1.	6.481	2.546	2.	4.	6.	9.
03503	BETA, DISSOLVED	03/12/58-05/08/68	40	15.	15.675	39.	6.	43.712	6.612	8.	10.	20.75	23.9
03504	BETA, DISSOLVED, COUNTING ERROR	03/12/58-05/08/68	40	3.	3.675	8.	1.	3.046	1.745	2.	3.	4.	7.
03505	BETA, SUSPENDED	03/12/58-05/08/68	40	4.	8.1	84.	0.	229.169	15.138	0.1	2.	6.75	18.8
03506	BETA, SUSPENDED, COUNTING ERROR	03/12/58-05/08/68	40	3.	3.225	9.	1.	3.871	1.968	1.	2.	4.	6.
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	03/12/58-05/08/68	22	7500.	15609.091	62000.	500.	399619913.42	19990.496	650.	1400.	18000.	58500.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	03/12/58-05/08/68	22	3.875	3.805	4.792	2.699	0.433	0.658	2.789	3.142	4.24	4.767
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			6376.816								
32001	SAMPLE SIZE (GALLONS)	03/12/58-03/18/68	4	810.5	820.25	1330.	330.	301493.583	549.084	**	**	**	**
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	03/12/58-03/18/68	9	229.	312.111	746.	126.	43736.111	209.132	126.	148.	458.	746.
32004	CARBON ALCOHOL EXTRACTABLES	03/12/58-03/18/68	9	169.	235.111	640.	87.	35740.111	189.051	87.	96.	355.	640.
32005	CARBON CHLOROFORM EXTRACTABLES	03/12/58-03/18/68	9	69.	77.	115.	39.	819.25	28.623	39.	52.	107.5	115.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1965 - Station CHCH0273

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/12/58-05/29/68	26	18.	17.538	27.	5.	47.618	6.901	8.4	11.5	24.25	26.
00060	FLOW, STREAM, MEAN DAILY CFS	03/12/58-09/28/66	43	32300.	37006.977	137000.	17000.	451752093.023	21254.461	21920.	28900.	40800.	45800.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/12/58-05/29/68	9	## 12.5	15.111	36.	12.5	61.361	7.833	12.5	12.5	12.5	36.
00080	COLOR (PLATINUM-COBALT UNITS)	03/12/58-05/29/68	9	6.	14.778	75.	5.	519.194	22.786	5.	6.	11.5	75.
00300	OXYGEN, DISSOLVED MG/L	03/12/58-05/29/68	26	7.3	7.438	11.	4.3	4.768	2.184	4.77	5.275	9.925	10.36
00310	BOD, 5 DAY, 20 DEG C MG/L	03/12/58-05/29/68	26	2.25	2.469	5.6	0.7	1.658	1.288	1.11	1.55	3.35	4.53
00335	COD, .025N K2CR2O7 MG/L	03/12/58-05/29/68	26	10.	10.462	15.	8.	3.138	1.772	8.	9.	11.25	13.3
00370	CHLORINE DEMAND, 1 HOUR (MG/L)	03/12/58-11/10/65	23	2.7	2.726	5.	1.6	0.587	0.766	1.9	2.	3.	3.8
00380	CHLORINE DEMAND, 24 HOUR (MG/L)	03/12/58-11/10/65	23	4.8	4.9	7.1	3.7	0.552	0.743	4.02	4.3	5.3	5.82
00400	PH (STANDARD UNITS)	03/12/58-05/29/68	8	7.35	7.375	7.6	7.1	0.025	0.158	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/12/58-05/29/68	8	7.347	7.349	7.6	7.1	0.026	0.16	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/12/58-05/29/68	8	0.045	0.045	0.079	0.025	0.	0.017	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/12/58-05/29/68	10	56.	56.2	61.	52.	10.622	3.259	52.	53.5	59.25	60.9
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/26/58-05/29/68	26	123.	129.192	201.	78.	1032.562	32.133	92.5	103.	155.	189.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/07/59-09/13/66	3	14.	20.667	36.	12.	177.333	13.317	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/12/58-11/10/65	22	0.1	0.064	0.2	0.	0.004	0.066	0.	0.	0.1	0.17
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/12/58-05/29/68	8	70.	67.75	88.	50.	162.786	12.759	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/12/58-05/29/68	26	15.	16.	28.	7.	27.2	5.215	9.	12.75	19.	24.3
00945	SULFATE, TOTAL (MG/L AS SO4)	03/26/58-05/29/68	27	14.	14.704	25.	10.	16.832	4.103	10.8	12.	16.	22.6
01501	ALPHA, TOTAL	03/12/58-05/08/68	12	0.	0.25	1.	0.	0.205	0.452	0.	0.	0.75	1.
01502	ALPHA, TOTAL, COUNTING ERROR	03/12/58-05/08/68	12	0.	0.333	1.	0.	0.242	0.492	0.	0.	1.	1.
01503	ALPHA, DISSOLVED	03/12/58-05/08/68	12	0.	0.25	1.	0.	0.205	0.452	0.	0.	0.75	1.
01504	ALPHA, DISSOLVED, COUNTING ERROR	03/12/58-05/08/68	12	0.	0.25	1.	0.	0.205	0.452	0.	0.	0.75	1.
01505	ALPHA, SUSPENDED	03/12/58-05/08/68	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
01506	ALPHA, SUSPENDED, COUNTING ERROR	03/12/58-05/08/68	12	0.	0.083	1.	0.	0.083	0.289	0.	0.	0.	0.7
03501	BETA, TOTAL	03/12/58-05/08/68	12	9.	9.417	20.	5.	17.356	4.166	5.3	6.25	10.75	18.2
03502	BETA, TOTAL, COUNTING ERROR	03/12/58-05/08/68	12	1.	1.75	4.	1.	1.477	1.215	1.	1.	2.75	4.
03503	BETA, DISSOLVED	03/12/58-05/08/68	12	7.5	8.25	19.	5.	14.75	3.841	5.	5.25	9.75	16.3
03504	BETA, DISSOLVED, COUNTING ERROR	03/12/58-05/08/68	12	1.	1.5	3.	1.	0.818	0.905	1.	1.	2.5	3.
03505	BETA, SUSPENDED	03/12/58-05/08/68	12	1.	1.167	4.	0.	1.061	1.03	0.	1.	1.	3.4
03506	BETA, SUSPENDED, COUNTING ERROR	03/12/58-05/08/68	12	1.	1.417	3.	1.	0.629	0.793	1.	1.	1.75	3.
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	03/12/58-05/08/68	25	1900.	7532.	47000.	250.	138125808.333	11752.694	500.	1000.	8350.	26000.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	03/12/58-05/08/68	25	3.279	3.434	4.672	2.398	0.394	0.628	2.699	3.	3.913	4.408
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			2718.802								
32001	SAMPLE SIZE (GALLONS)	03/12/58-03/18/68	11	327.	406.909	1122.	233.	61908.491	248.814	239.	278.	396.	1000.
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	03/12/58-03/18/68	11	455.	465.364	548.	369.	3343.655	57.824	373.2	426.	504.	548.
32004	CARBON ALCOHOL EXTRACTABLES	03/12/58-03/18/68	11	371.	377.545	463.	301.	2593.273	50.924	303.2	343.	414.	457.
32005	CARBON CHLOROFORM EXTRACTABLES	03/12/58-03/18/68	11	85.	87.818	129.	51.	445.364	21.104	54.4	78.	96.	126.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1966 - Station CHCH0273

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/12/58-05/29/68	26	17.	16.923	28.	3.	53.594	7.321	7.	10.	25.	26.3
00060	FLOW, STREAM, MEAN DAILY CFS	03/12/58-09/28/66	27	23100.	26904.074	103000.	7910.	295886525.071	17201.352	14660.	18300.	30200.	39200.
00300	OXYGEN, DISSOLVED MG/L	03/12/58-05/29/68	26	7.3	7.323	11.	3.4	4.285	2.07	4.53	5.75	9.2	10.19
00310	BOD, 5 DAY, 20 DEG C MG/L	03/12/58-05/29/68	26	2.1	2.215	5.2	0.6	1.291	1.136	0.84	1.3	2.925	3.89
00335	COD, .025N K2CR2O7 MG/L	03/12/58-05/29/68	24	12.	12.958	33.	3.	37.955	6.161	5.5	10.	14.	20.5
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/26/58-05/29/68	26	126.5	125.577	163.	83.	480.494	21.92	94.5	111.75	142.25	157.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/07/59-09/13/66	8	23.	22.	33.	10.	72.	8.485	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/12/58-05/29/68	26	15.	15.5	30.	4.	47.86	6.918	7.	9.5	20.25	25.6
00945	SULFATE, TOTAL (MG/L AS SO4)	03/26/58-05/29/68	25	12.	12.6	18.	8.	5.833	2.415	9.6	11.	14.	16.4
01501	ALPHA, TOTAL	03/12/58-05/08/68	16	0.	0.063	1.	0.	0.063	0.25	0.	0.	0.	0.3
01502	ALPHA, TOTAL, COUNTING ERROR	03/12/58-05/08/68	16	0.	0.188	1.	0.	0.163	0.403	0.	0.	0.	1.
01503	ALPHA, DISSOLVED	03/12/58-05/08/68	16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
01504	ALPHA, DISSOLVED, COUNTING ERROR	03/12/58-05/08/68	16	0.	0.125	1.	0.	0.117	0.342	0.	0.	0.	1.
01505	ALPHA, SUSPENDED	03/12/58-05/08/68	16	0.	0.063	1.	0.	0.063	0.25	0.	0.	0.	0.3
01506	ALPHA, SUSPENDED, COUNTING ERROR	03/12/58-05/08/68	16	0.	0.063	1.	0.	0.063	0.25	0.	0.	0.	0.3
03501	BETA, TOTAL	03/12/58-05/08/68	16	7.	7.	11.	4.	3.867	1.966	4.	5.25	8.	10.3
03502	BETA, TOTAL, COUNTING ERROR	03/12/58-05/08/68	16	1.	3.75	12.	1.	14.867	3.856	1.	1.	7.75	9.9
03503	BETA, DISSOLVED	03/12/58-05/08/68	16	6.	5.563	7.	2.	2.129	1.459	3.4	4.25	7.	7.
03504	BETA, DISSOLVED, COUNTING ERROR	03/12/58-05/08/68	16	1.	2.688	6.	1.	5.163	2.272	1.	1.	5.	6.
03505	BETA, SUSPENDED	03/12/58-05/08/68	16	1.	1.438	7.	0.	3.463	1.861	0.	0.	1.75	4.9
03506	BETA, SUSPENDED, COUNTING ERROR	03/12/58-05/08/68	16	1.	2.938	10.	1.	8.596	2.932	1.	1.	4.75	8.6
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	03/12/58-05/08/68	18	2500.	7368.611	38000.	165.	99542846.487	9977.116	376.5	1117.5	12000.	21800.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	03/12/58-05/08/68	18	3.398	3.471	4.58	2.217	0.421	0.649	2.564	3.044	4.075	4.329
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			2956.881								
32001	SAMPLE SIZE (GALLONS)	03/12/58-03/18/68	3	296.	327.667	408.	279.	4912.333	70.088	**	**	**	**
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	03/12/58-03/18/68	3	497.	507.333	537.	488.	680.333	26.083	**	**	**	**
32004	CARBON ALCOHOL EXTRACTABLES	03/12/58-03/18/68	3	405.	403.667	427.	379.	577.333	24.028	**	**	**	**
32005	CARBON CHLOROFORM EXTRACTABLES	03/12/58-03/18/68	3	110.	103.667	118.	83.	336.333	18.339	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1967 - Station CHCH0273

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/12/58-05/29/68	24	18.	17.033	25.	7.	35.916	5.993	8.	12.25	23.025	24.2
00300	OXYGEN, DISSOLVED MG/L	03/12/58-05/29/68	24	7.3	7.858	11.	4.8	3.378	1.838	5.65	6.325	9.85	10.4
00310	BOD, 5 DAY, 20 DEG C MG/L	03/12/58-05/29/68	23	1.7	1.939	6.	0.5	1.174	1.084	0.84	1.3	2.4	2.78
00335	COD, .025N K2CR2O7 MG/L	03/12/58-05/29/68	24	1.65	4.371	18.	0.3	34.74	5.894	0.85	1.125	3.725	17.
00400	PH (STANDARD UNITS)	03/12/58-05/29/68	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/12/58-05/29/68	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/12/58-05/29/68	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/26/58-05/29/68	24	116.	119.167	163.	85.	549.71	23.446	87.	105.	137.5	159.5
00940	CHLORIDE,TOTAL IN WATER MG/L	03/12/58-05/29/68	24	10.5	11.667	24.	6.	22.58	4.752	6.5	8.25	14.5	19.5
00945	SULFATE, TOTAL (MG/L AS SO4)	03/26/58-05/29/68	24	15.	15.	32.	8.	22.087	4.7	9.5	13.	16.75	19.
01501	ALPHA, TOTAL	03/12/58-05/08/68	31	0.	0.871	7.	0.	1.916	1.384	0.	0.	1.	2.
01502	ALPHA, TOTAL, COUNTING ERROR	03/12/58-05/08/68	31	0.	0.419	1.	0.	0.252	0.502	0.	0.	1.	1.
01503	ALPHA, DISSOLVED	03/12/58-05/08/68	31	0.	0.452	3.	0.	0.456	0.675	0.	0.	1.	1.
01504	ALPHA, DISSOLVED, COUNTING ERROR	03/12/58-05/08/68	31	0.	0.387	1.	0.	0.245	0.495	0.	0.	1.	1.
01505	ALPHA, SUSPENDED	03/12/58-05/08/68	31	0.	0.419	4.	0.	0.652	0.807	0.	0.	1.	1.
01506	ALPHA, SUSPENDED, COUNTING ERROR	03/12/58-05/08/68	31	0.	0.129	1.	0.	0.116	0.341	0.	0.	0.	1.
03501	BETA, TOTAL	03/12/58-05/08/68	31	6.	6.452	26.	3.	15.856	3.982	4.	5.	7.	9.
03502	BETA, TOTAL, COUNTING ERROR	03/12/58-05/08/68	31	1.	1.774	9.	1.	3.581	1.892	1.	1.	2.	3.
03503	BETA, DISSOLVED	03/12/58-05/08/68	31	4.	4.806	17.	0.	7.028	2.651	3.	4.	5.	6.8
03504	BETA, DISSOLVED, COUNTING ERROR	03/12/58-05/08/68	31	1.	1.484	7.	1.	1.925	1.387	1.	1.	1.	2.
03505	BETA, SUSPENDED	03/12/58-05/08/68	31	1.	1.645	9.	0.	3.57	1.889	0.	1.	2.	4.8
03506	BETA, SUSPENDED, COUNTING ERROR	03/12/58-05/08/68	31	1.	1.419	5.	1.	1.118	1.057	1.	1.	1.	2.8
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	03/12/58-05/08/68	16	900.	2386.875	10000.	30.	11665329.583	3415.455	114.	400.	1950.	10000.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1967 - Station CHCH0273

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	03/12/58-05/08/68	16	2.952	2.966	4.	1.477	0.451	0.672	1.966	2.602	3.29	4.
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			925.358								
32001	SAMPLE SIZE (GALLONS)	03/12/58-03/18/68	3	345.	339.667	358.	316.	462.333	21.502	**	**	**	**
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	03/12/58-03/18/68	3	732.	721.	860.	571.	20971.	144.814	**	**	**	**
32004	CARBON ALCOHOL EXTRACTABLES	03/12/58-03/18/68	3	484.	518.	589.	481.	3783.	61.506	**	**	**	**
32005	CARBON CHLOROFORM EXTRACTABLES	03/12/58-03/18/68	3	251.	203.	271.	87.	10192.	100.955	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1968 - Station CHCH0273

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/12/58-05/29/68	13	8.	12.154	24.	7.	33.474	5.786	7.	7.5	17.5	22.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/12/58-05/29/68	13 ##	12.5	29.385	152.	12.5	1454.59	38.139	12.5	12.5	30.5	107.6
00080	COLOR (PLATINUM-COBALT UNITS)	03/12/58-05/29/68	13	10.	10.769	30.	5.	45.192	6.723	5.	5.	12.5	24.
00300	OXYGEN, DISSOLVED MG/L	03/12/58-05/29/68	13	10.5	9.823	12.1	7.	3.302	1.817	7.04	8.15	11.4	11.94
00310	BOD, 5 DAY, 20 DEG C MG/L	03/12/58-05/29/68	13	1.6	1.977	4.	0.9	1.314	1.146	0.94	1.2	2.75	4.
00335	COD, .025N K2CR2O7 MG/L	03/12/58-05/29/68	13	12.	12.846	28.	6.	35.141	5.928	6.4	10.	13.	25.6
00400	PH (STANDARD UNITS)	03/12/58-05/29/68	13	7.5	7.531	7.8	7.3	0.026	0.16	7.34	7.4	7.65	7.8
00400	CONVERTED PH (STANDARD UNITS)	03/12/58-05/29/68	13	7.5	7.505	7.8	7.3	0.026	0.162	7.34	7.4	7.65	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/12/58-05/29/68	13	0.032	0.031	0.05	0.016	0.	0.011	0.016	0.023	0.04	0.046
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/12/58-05/29/68	13	50.	52.308	71.	44.	54.231	7.364	44.4	47.	56.	66.6
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/26/58-05/29/68	12	100.5	100.5	123.	72.	234.818	15.324	73.5	94.5	111.25	122.4
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/12/58-05/29/68	12	70.	69.	84.	53.	83.818	9.155	54.5	62.5	77.	82.8
00940	CHLORIDE,TOTAL IN WATER MG/L	03/12/58-05/29/68	13	8.	8.231	12.	5.	3.359	1.833	5.8	7.	9.	11.6
00945	SULFATE, TOTAL (MG/L AS SO4)	03/26/58-05/29/68	12	12.	12.333	24.	7.	22.424	4.735	7.	8.5	14.75	21.6
01501	ALPHA, TOTAL	03/12/58-05/08/68	10	0.5	0.9	3.	0.	1.211	1.101	0.	0.	2.	2.9
01502	ALPHA, TOTAL, COUNTING ERROR	03/12/58-05/08/68	10	0.	0.4	1.	0.	0.267	0.516	0.	0.	1.	1.
01503	ALPHA, DISSOLVED	03/12/58-05/08/68	10	0.	0.6	2.	0.	0.711	0.843	0.	0.	1.25	2.
01504	ALPHA, DISSOLVED, COUNTING ERROR	03/12/58-05/08/68	10	0.	0.3	1.	0.	0.233	0.483	0.	0.	1.	1.
01505	ALPHA, SUSPENDED	03/12/58-05/08/68	10	0.	0.3	3.	0.	0.9	0.949	0.	0.	0.	2.7
01506	ALPHA, SUSPENDED, COUNTING ERROR	03/12/58-05/08/68	10	0.	0.1	1.	0.	0.1	0.316	0.	0.	0.	0.9
03501	BETA, TOTAL	03/12/58-05/08/68	10	4.	7.	25.	3.	48.444	6.96	3.	3.75	7.	23.8
03502	BETA, TOTAL, COUNTING ERROR	03/12/58-05/08/68	10	1.	2.3	7.	1.	5.344	2.312	1.	1.	3.75	6.9
03503	BETA, DISSOLVED	03/12/58-05/08/68	10	4.	4.4	11.	2.	6.489	2.547	2.1	3.	4.5	10.5
03504	BETA, DISSOLVED, COUNTING ERROR	03/12/58-05/08/68	10	1.	1.7	5.	1.	2.233	1.494	1.	1.	1.75	4.9
03505	BETA, SUSPENDED	03/12/58-05/08/68	10	1.	2.6	19.	0.	33.822	5.816	0.	0.	2.	17.3
03506	BETA, SUSPENDED, COUNTING ERROR	03/12/58-05/08/68	10	1.	1.9	6.	1.	2.767	1.663	1.	1.	3.	5.7
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	03/12/58-05/08/68	13	1100.	2423.077	11000.	10.	9143706.41	3023.856	138.	420.	3350.	8760.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	03/12/58-05/08/68	13	3.041	3.015	4.041	1.	0.576	0.759	1.607	2.621	3.519	3.918
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			1035.571								
32001	SAMPLE SIZE (GALLONS)	03/12/58-03/18/68	1	398.	398.	398.	398.	0.	0.	**	**	**	**
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	03/12/58-03/18/68	1	472.	472.	472.	472.	0.	0.	**	**	**	**
32004	CARBON ALCOHOL EXTRACTABLES	03/12/58-03/18/68	1	343.	343.	343.	343.	0.	0.	**	**	**	**
32005	CARBON CHLOROFORM EXTRACTABLES	03/12/58-03/18/68	1	129.	129.	129.	129.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 6/01 to 10/31 - Station CHCH0273

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/12/58-05/29/68	140	24.25	23.593	28.	7.1	8.327	2.886	19.	22.4	25.8	26.3
00060	FLOW, STREAM, MEAN DAILY CFS	03/12/58-09/28/66	206	31150.	31652.427	45700.	19400.	33600262.373	5796.573	23940.	27900.	36500.	39600.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/12/58-05/29/68	107	15.	17.051	60.	5.	66.882	8.178	8.	12.	20.	27.2
00080	COLOR (PLATINUM-COBALT UNITS)	03/12/58-05/29/68	107	4.	4.308	10.	0.	4.121	2.03	2.	3.	5.	7.
00300	OXYGEN, DISSOLVED MG/L	03/12/58-05/29/68	141	5.8	5.888	8.	3.4	0.797	0.893	4.8	5.3	6.6	7.1
00310	BOD, 5 DAY, 20 DEG C MG/L	03/12/58-05/29/68	141	1.6	1.835	6.	0.5	0.979	0.989	0.9	1.2	2.2	2.98
00335	COD, .025N K2CR2O7 MG/L	03/12/58-05/29/68	141	9.	9.665	27.	0.3	25.526	5.052	4.	6.15	12.	16.4
00370	CHLORINE DEMAND, 1 HOUR (MG/L)	03/12/58-11/10/65	119	1.5	1.643	4.	1.	0.293	0.541	1.2	1.4	1.8	2.3
00380	CHLORINE DEMAND, 24 HOUR (MG/L)	03/12/58-11/10/65	118	3.6	3.737	6.	2.1	0.537	0.733	3.	3.2	4.1	4.61
00400	PH (STANDARD UNITS)	03/12/58-05/29/68	109	7.4	7.386	7.6	7.	0.009	0.097	7.3	7.3	7.5	7.5
00400	CONVERTED PH (STANDARD UNITS)	03/12/58-05/29/68	109	7.4	7.375	7.6	7.	0.009	0.097	7.3	7.3	7.5	7.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/12/58-05/29/68	109	0.04	0.042	0.1	0.025	0.	0.01	0.032	0.032	0.05	0.05
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/12/58-05/29/68	108	53.	52.861	61.	41.	14.943	3.866	47.9	50.	55.	58.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/26/58-05/29/68	140	116.5	118.493	201.	76.	467.216	21.615	92.	105.	128.	142.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/07/59-09/13/66	95	32.	35.116	224.	2.	579.976	24.083	16.2	25.	41.	49.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/12/58-11/10/65	119	0.	0.02	0.2	0.	0.002	0.041	0.	0.	0.01	0.1
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/12/58-05/29/68	108	72.	71.87	86.	50.	33.273	5.768	65.8	68.	76.	78.2
00940	CHLORIDE,TOTAL IN WATER MG/L	03/12/58-05/29/68	143	11.	12.301	30.	4.	25.747	5.074	7.	9.	16.	19.
00945	SULFATE, TOTAL (MG/L AS SO4)	03/26/58-05/29/68	140	16.	15.786	26.	9.	11.162	3.341	11.1	14.	18.	20.
01501	ALPHA, TOTAL	03/12/58-05/08/68	76	0.	0.408	3.	0.	0.458	0.677	0.	0.	1.	1.
01502	ALPHA, TOTAL, COUNTING ERROR	03/12/58-05/08/68	64	1.	0.594	1.	0.	0.245	0.495	0.	0.	1.	1.
01503	ALPHA, DISSOLVED	03/12/58-05/08/68	76	0.	0.197	2.	0.	0.187	0.433	0.	0.	0.	1.
01504	ALPHA, DISSOLVED, COUNTING ERROR	03/12/58-05/08/68	64	0.	0.484	1.	0.	0.254	0.504	0.	0.	1.	1.
01505	ALPHA, SUSPENDED	03/12/58-05/08/68	76	0.	0.211	1.	0.	0.168	0.41	0.	0.	0.	1.
01506	ALPHA, SUSPENDED, COUNTING ERROR	03/12/58-05/08/68	64	0.	0.359	1.	0.	0.234	0.484	0.	0.	1.	1.
03501	BETA, TOTAL	03/12/58-05/08/68	137	21.	32.964	347.	0.	1562.182	39.524	4.8	10.	41.	71.2
03502	BETA, TOTAL, COUNTING ERROR	03/12/58-05/08/68	104	7.	6.356	50.	0.	34.464	5.871	0.	1.	10.	10.
03503	BETA, DISSOLVED	03/12/58-05/08/68	138	19.5	28.681	258.	0.	1074.277	32.776	4.	8.	36.	58.5
03504	BETA, DISSOLVED, COUNTING ERROR	03/12/58-05/08/68	105	6.	5.657	70.	0.	53.651	7.325	0.	1.	8.	10.
03505	BETA, SUSPENDED	03/12/58-05/08/68	137	1.	4.197	89.	0.	104.056	10.201	0.	0.	4.	10.2
03506	BETA, SUSPENDED, COUNTING ERROR	03/12/58-05/08/68	105	4.	4.648	60.	0.	41.461	6.439	0.	1.	6.	10.
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	03/12/58-05/08/68	108	500.	2520.963	40000.	0.5	44220478.985	6649.848	1.5	4.	1575.	5940.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	03/12/58-05/08/68	108	2.699	2.1	4.602	-0.301	2.013	1.419	0.176	0.602	3.197	3.773
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			125.946								
32001	SAMPLE SIZE (GALLONS)	03/12/58-03/18/68	41	4390.	4236.049	13680.	263.	9721260.048	3117.894	310.4	3450.	4745.	10003.
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	03/12/58-03/18/68	44	144.5	228.932	860.	100.	34394.53	185.458	111.5	126.25	187.	542.5
32004	CARBON ALCOHOL EXTRACTABLES	03/12/58-03/18/68	44	96.	165.591	640.	58.	23814.899	154.321	66.	75.5	138.5	445.
32005	CARBON CHLOROFORM EXTRACTABLES	03/12/58-03/18/68	44	50.	63.341	271.	25.	1564.23	39.55	37.	41.5	76.25	107.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 2/29 - Station CHCH0273

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/12/58-05/29/68	104	8.4	9.322	17.4	3.	12.619	3.552	5.6	6.7	12.	14.5
00060	FLOW, STREAM, MEAN DAILY CFS	03/12/58-09/28/66	157	38300.	40334.586	144000.	4630.	282060583.962	16794.659	23780.	31350.	45500.	53840.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/12/58-05/29/68	83	15.	25.	155.	5.	797.927	28.248	10.	12.5	28.	42.2
00080	COLOR (PLATINUM-COBALT UNITS)	03/12/58-05/29/68	83	7.	8.289	23.	2.	17.501	4.183	4.4	6.	10.	15.
00300	OXYGEN, DISSOLVED MG/L	03/12/58-05/29/68	101	10.3	9.985	12.2	7.	1.414	1.189	8.1	9.05	11.	11.3
00310	BOD, 5 DAY, 20 DEG C MG/L	03/12/58-05/29/68	100	1.7	2.142	6.7	0.7	1.314	1.146	1.01	1.3	2.8	3.5
00335	COD, .025N K2CR2O7 MG/L	03/12/58-05/29/68	99	11.	12.238	32.	1.5	31.255	5.591	6.4	9.	14.	20.
00370	CHLORINE DEMAND, 1 HOUR (MG/L)	03/12/58-11/10/65	76	1.85	1.997	3.4	1.1	0.343	0.586	1.37	1.5	2.575	2.8
00380	CHLORINE DEMAND, 24 HOUR (MG/L)	03/12/58-11/10/65	76	4.15	4.368	7.9	1.6	1.169	1.081	3.2	3.6	4.95	5.9
00400	PH (STANDARD UNITS)	03/12/58-05/29/68	81	7.4	7.375	7.8	7.1	0.012	0.111	7.3	7.3	7.4	7.5
00400	CONVERTED PH (STANDARD UNITS)	03/12/58-05/29/68	81	7.4	7.363	7.8	7.1	0.013	0.112	7.3	7.3	7.4	7.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/12/58-05/29/68	81	0.04	0.043	0.079	0.016	0.	0.01	0.032	0.04	0.05	0.05
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/12/58-05/29/68	82	52.	52.634	71.	34.	38.778	6.227	46.	50.	56.	59.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 2/29 - Station CHCH0273

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/26/58-05/29/68	102	123.5	123.696	170.	65.	490.451	22.146	98.	110.	137.25	157.1
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/07/59-09/13/66	71	36.	41.338	171.	9.	855.656	29.252	14.4	25.	45.	66.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/12/58-11/10/65	76	0.	0.023	0.6	0.	0.006	0.077	0.	0.	0.	0.1
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/12/58-05/29/68	82	74.	73.963	96.	46.	78.9	8.883	62.6	70.	80.	84.
00940	CHLORIDE,TOTAL IN WATER MG/L	03/12/58-05/29/68	105	15.	14.695	30.	4.	27.502	5.244	7.	11.	18.	22.
00945	SULFATE, TOTAL (MG/L AS SO4)	03/26/58-05/29/68	102	17.	17.598	34.	7.	24.837	4.984	12.	14.	20.25	24.
01501	ALPHA, TOTAL	03/12/58-05/08/68	71	0.	0.535	7.	0.	1.167	1.08	0.	0.	1.	1.8
01502	ALPHA, TOTAL, COUNTING ERROR	03/12/58-05/08/68	62	1.	0.629	2.	0.	0.27	0.52	0.	0.	1.	1.
01503	ALPHA, DISSOLVED	03/12/58-05/08/68	71	0.	0.254	3.	0.	0.306	0.553	0.	0.	0.	1.
01504	ALPHA, DISSOLVED, COUNTING ERROR	03/12/58-05/08/68	62	1.	0.565	1.	0.	0.25	0.5	0.	0.	1.	1.
01505	ALPHA, SUSPENDED	03/12/58-05/08/68	71	0.	0.282	4.	0.	0.577	0.759	0.	0.	0.	1.
01506	ALPHA, SUSPENDED, COUNTING ERROR	03/12/58-05/08/68	62	0.	0.419	2.	0.	0.28	0.529	0.	0.	1.	1.
03501	BETA, TOTAL	03/12/58-05/08/68	110	23.5	40.882	276.	2.	2012.564	44.862	5.	10.	57.	91.9
03502	BETA, TOTAL, COUNTING ERROR	03/12/58-05/08/68	82	6.	6.78	20.	1.	26.346	5.133	1.	2.	10.	12.
03503	BETA, DISSOLVED	03/12/58-05/08/68	110	18.	33.973	260.	0.	1675.586	40.934	4.1	9.	43.25	84.7
03504	BETA, DISSOLVED, COUNTING ERROR	03/12/58-05/08/68	82	5.	5.207	20.	0.	15.673	3.959	1.	2.	7.	10.
03505	BETA, SUSPENDED	03/12/58-05/08/68	110	2.	6.909	93.	0.	151.735	12.318	0.	1.	8.25	21.6
03506	BETA, SUSPENDED, COUNTING ERROR	03/12/58-05/08/68	82	4.	4.5	10.	0.	11.66	3.415	1.	1.	7.	10.
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	03/12/58-05/08/68	99	500.	6062.222	240000.	1.5	646924690.323	25434.714	11.	60.	2300.	11000.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	03/12/58-05/08/68	99	2.699	2.621	5.38	0.176	1.249	1.118	1.041	1.778	3.362	4.041
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			418.141								
32001	SAMPLE SIZE (GALLONS)	03/12/58-03/18/68	27	3863.	3949.519	15260.	233.	10932253.105	3306.396	326.	1260.	4910.	6830.
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	03/12/58-03/18/68	30	167.	229.133	548.	99.	21463.706	146.505	105.4	132.	270.25	502.4
32004	CARBON ALCOHOL EXTRACTABLES	03/12/58-03/18/68	30	120.	173.633	443.	57.	16172.24	127.17	63.4	98.	185.25	413.1
32005	CARBON CHLOROFORM EXTRACTABLES	03/12/58-03/18/68	30	47.5	55.5	115.	21.	569.155	23.857	28.5	42.75	66.75	90.9

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 3/01 to 5/31 - Station CHCH0273

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/12/58-05/29/68	89	15.	14.576	24.	4.5	20.642	4.543	8.4	11.2	18.	20.2
00060	FLOW, STREAM, MEAN DAILY CFS	03/12/58-09/28/66	140	33600.	39300.071	143000.	7910.	673081957.549	25943.823	18300.	23725.	42875.	68170.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/12/58-05/29/68	72	24.5	39.278	410.	7.	2818.225	53.087	12.5	15.	43.75	77.3
00080	COLOR (PLATINUM-COBALT UNITS)	03/12/58-05/29/68	72	7.	8.903	75.	3.	83.807	9.155	3.3	5.25	9.75	14.7
00300	OXYGEN, DISSOLVED MG/L	03/12/58-05/29/68	92	8.7	8.635	11.8	5.4	2.217	1.489	6.73	7.4	9.8	10.3
00310	BOD, 5 DAY, 20 DEG C MG/L	03/12/58-05/29/68	92	1.9	2.08	5.8	0.6	1.247	1.117	1.	1.4	2.4	3.54
00335	COD, .025N K2CR2O7 MG/L	03/12/58-05/29/68	92	9.85	11.422	37.	0.9	57.553	7.586	2.76	6.15	15.75	22.
00370	CHLORINE DEMAND, 1 HOUR (MG/L)	03/12/58-11/10/65	72	1.8	2.022	5.	1.	0.606	0.778	1.2	1.4	2.5	3.07
00380	CHLORINE DEMAND, 24 HOUR (MG/L)	03/12/58-11/10/65	70	4.	4.294	7.5	1.9	1.474	1.214	3.	3.4	4.925	6.19
00400	PH (STANDARD UNITS)	03/12/58-05/29/68	71	7.3	7.327	7.7	7.1	0.015	0.121	7.12	7.3	7.4	7.5
00400	CONVERTED PH (STANDARD UNITS)	03/12/58-05/29/68	71	7.3	7.311	7.7	7.1	0.015	0.122	7.12	7.3	7.4	7.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/12/58-05/29/68	71	0.05	0.049	0.079	0.02	0.	0.013	0.032	0.04	0.05	0.076
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/12/58-05/29/68	72	48.	48.25	61.	26.	45.007	6.709	41.	45.	52.75	57.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/26/58-05/29/68	87	100.	98.69	131.	52.	258.589	16.081	78.	86.	111.	118.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/07/59-09/13/66	62	41.5	65.581	692.	9.	9113.756	95.466	23.	27.	57.5	160.1
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/12/58-11/10/65	72	0.	0.015	0.2	0.	0.001	0.034	0.	0.	0.02	0.05
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/12/58-05/29/68	70	64.	63.214	82.	44.	72.084	8.49	50.2	58.	70.	76.
00940	CHLORIDE,TOTAL IN WATER MG/L	03/12/58-05/29/68	90	6.	5.922	15.	1.	10.679	3.268	2.	3.	8.	9.9
00945	SULFATE, TOTAL (MG/L AS SO4)	03/26/58-05/29/68	88	15.	15.955	37.	7.	22.412	4.734	11.	13.	18.	22.1
01501	ALPHA, TOTAL	03/12/58-05/08/68	61	1.	1.377	24.	0.	10.939	3.307	0.	0.	1.5	3.
01502	ALPHA, TOTAL, COUNTING ERROR	03/12/58-05/08/68	56	1.	0.821	9.	0.	1.749	1.323	0.	0.	1.	1.3
01503	ALPHA, DISSOLVED	03/12/58-05/08/68	61	0.	0.393	4.	0.	0.509	0.714	0.	0.	1.	1.
01504	ALPHA, DISSOLVED, COUNTING ERROR	03/12/58-05/08/68	56	0.5	0.5	1.	0.	0.255	0.505	0.	0.	1.	1.
01505	ALPHA, SUSPENDED	03/12/58-05/08/68	61	0.	0.984	23.	0.	9.983	3.16	0.	0.	1.	2.8
01506	ALPHA, SUSPENDED, COUNTING ERROR	03/12/58-05/08/68	56	0.	0.643	9.	0.	1.834	1.354	0.	0.	1.	1.3
03501	BETA, TOTAL	03/12/58-05/08/68	96	38.	56.542	503.	3.	5033.156	70.945	6.	17.	65.75	123.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 3/01 to 5/31 - Station CHCH0273

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
03502	BETA, TOTAL, COUNTING ERROR	03/12/58-05/08/68	76	6.	6.566	30.	1.	27.209	5.216	1.	2.	10.	10.
03503	BETA, DISSOLVED	03/12/58-05/08/68	96	26.5	36.594	218.	0.	1686.054	41.062	4.	9.	39.75	85.9
03504	BETA, DISSOLVED, COUNTING ERROR	03/12/58-05/08/68	76	4.	5.25	10.	1.	14.19	3.767	1.	1.25	10.	10.
03505	BETA, SUSPENDED	03/12/58-05/08/68	96	5.	19.948	435.	0.	2727.292	52.223	0.	1.	20.	39.2
03506	BETA, SUSPENDED, COUNTING ERROR	03/12/58-05/08/68	76	4.5	5.724	30.	1.	25.616	5.061	1.	1.	10.	10.
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	03/12/58-05/08/68	85	460.	6063.418	62000.	0.5	160006795.606	12649.379	8.4	30.5	5200.	19600.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	03/12/58-05/08/68	85	2.663	2.639	4.792	-0.301	1.663	1.29	0.911	1.477	3.716	4.29
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			435.076								
32001	SAMPLE SIZE (GALLONS)	03/12/58-03/18/68	24	3675.	3349.833	9240.	358.	4057074.145	2014.218	387.5	1514.	4514.	4865.
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	03/12/58-03/18/68	26	156.	224.923	732.	98.	24426.154	156.289	110.2	131.5	257.25	474.1
32004	CARBON ALCOHOL EXTRACTABLES	03/12/58-03/18/68	26	101.	153.808	481.	67.	13062.242	114.29	70.	80.75	179.5	351.5
32005	CARBON CHLOROFORM EXTRACTABLES	03/12/58-03/18/68	26	55.	71.115	251.	28.	2228.186	47.204	34.4	43.5	81.5	129.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: CHCH0274

NPS Station ID: CHCH0274
Location: CITICO CR CONTROL MDSTM MILE 0.8
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM
RMI-Indexes: 1021500 007720 00920 6164
RMI-Miles: 0953.80 0046.50 465.30 000.80
HUC: 06020001
Major Basin: SOUTHEAST
Minor Basin: TENNESSEE RIVER BASIN
RF1 Index: 06020001006
RF3 Index: 06020001124000.00
Description:

LAT/LON: 35.054448/ -85.279448

Depth of Water: 0
Elevation: 0

RF1 Mile Point: 4.890
RF3 Mile Point: 0.00

Agency: 1113S090
FIPS State/County: 47065 TENNESSEE/HAMILTON
STORET Station ID(s): 470025 /CCC-04
Within Park Boundary: No

Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.00

Date Created: / /

On/Off RF1: OFF
On/Off RF3:

Parameter Inventory for Station: CHCH0274

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

***** Data for this station locked by controlling agency *****

Station Inventory for Station: CHCH0275

NPS Station ID: CHCH0275 LAT/LON: 35.054448/ -85.287503 Agency: 11EPALES Date Created: / /
Location: ITICO CREEK FIPS State/County: 47000 TENNESSEE/
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 4717K1
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: T/NICKAJACK LAKE Elevation: 0 Water Body Id:
Minor Basin: RIVERSIDE AMNICOLA HWY BRDG.5 MI NE UTOC ECO Region:
RF1 Index: 06020001006 RF1 Mile Point: 4.540 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 06020001124400.28 RF3 Mile Point: 0.89 Distance from RF3: 0.02 On/Off RF3:
Description:
RIVERSIDE AMNICOLA HWY BRIDGE 0.5 MI NE OF UNIVERSITY OF TN CAMPUS

Parameter Inventory for Station: CHCH0275

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/14/73-03/26/74	13	0.55	0.592	1.2	0.126	0.149	0.387	0.138	0.241	0.915	1.2
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/14/73-03/26/74	12	0.028	0.091	0.41	0.001	0.02	0.142	0.001	0.003	0.087	0.397
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/14/73-03/26/74	12	0.505	0.472	1.16	0.005	0.194	0.44	0.005	0.017	0.855	1.139
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/14/73-03/26/74	13	2.5	2.474	4.4	0.8	1.208	1.099	1.04	1.45	3.35	4.24
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/14/73-03/26/74	13	0.47	0.546	1.52	0.005	0.265	0.514	0.005	0.025	1.02	1.384
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/14/73-03/26/74	13	0.375	0.503	1.2	0.195	0.114	0.338	0.217	0.25	0.725	1.16
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/14/73-03/26/74	13	0.08	0.21	0.76	0.018	0.052	0.228	0.028	0.057	0.371	0.65

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0275

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	12	0	0.00	4	0	0.00	5	0	0.00	3	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	12	0	0.00	4	0	0.00	5	0	0.00	3	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	13	0	0.00	5	0	0.00	5	0	0.00	3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0276

NPS Station ID: CHCH0276
LAT/LON: 35.054448/ -85.327504
Agency: 112WRD
Date Created: 10/10/92
Location: TENNESSEE RIVER TRIB AT CHATTANOOGA, TN
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 03568100
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 8.90
On/Off RF1:
RF3 Index: 06020001124001.53
RF3 Mile Point: 1.99
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0276

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/30/92-04/05/93	21	12.	14.905	24.5	11.	26.865	5.183	11.1	11.5	21.75	23.8
00061	FLOW, STREAM, INSTANTANEOUS CFS	06/30/92-04/05/93	19	0.5	0.914	4.	0.06	1.203	1.097	0.1	0.1	1.	3.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/30/92-04/05/93	21	260.	247.571	306.	145.	2127.957	46.13	155.	227.5	272.5	303.2
00340	COD, .25N K2CR2O7 MG/L	06/30/92-04/05/93	3	73.	71.	77.	63.	52.	7.211	**	**	**	**
00400	PH (STANDARD UNITS)	06/30/92-06/30/92	1	7.41	7.41	7.41	7.41	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/30/92-06/30/92	1	7.41	7.41	7.41	7.41	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/30/92-06/30/92	1	0.039	0.039	0.039	0.039	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/30/92-04/05/93	3	7.3	7.333	7.4	7.3	0.003	0.058	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/30/92-04/05/93	3	7.3	7.331	7.4	7.3	0.003	0.058	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/30/92-04/05/93	3	0.05	0.047	0.05	0.04	0.	0.006	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/30/92-04/05/93	3	82.	60.667	99.	1.	2742.333	52.367	**	**	**	**
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	06/30/92-04/05/93	3 ##	0.5	1.	2.	0.5	0.75	0.866	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	02/11/93-04/05/93	2	0.305	0.305	0.43	0.18	0.031	0.177	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/30/92-06/30/92	1	0.43	0.43	0.43	0.43	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	02/11/93-04/05/93	2	0.03	0.03	0.05	0.01	0.001	0.028	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/30/92-06/30/92	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/30/92-04/05/93	3	1.2	1.033	1.4	0.5	0.223	0.473	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/30/92-06/30/92	1	0.62	0.62	0.62	0.62	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	02/11/93-04/05/93	2	0.55	0.55	0.6	0.5	0.005	0.071	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/30/92-04/05/93	3	0.41	0.34	0.55	0.06	0.064	0.252	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/30/92-04/05/93	3	0.13	0.102	0.17	0.005	0.007	0.086	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/30/92-04/05/93	3	20.	19.333	21.	17.	4.333	2.082	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	06/30/92-04/05/93	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/30/92-04/05/93	3	21.	24.333	31.	21.	33.333	5.774	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/30/92-04/05/93	3	2.4	3.333	5.2	2.4	2.613	1.617	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/30/92-04/05/93	3	8.6	15.733	33.	5.6	225.853	15.028	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/30/92-04/05/93	3	2.	2.433	3.4	1.9	0.703	0.839	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/30/92-04/05/93	3	6.	21.667	54.	5.	784.333	28.006	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	06/30/92-04/05/93	3	22.	25.	37.	16.	117.	10.817	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	06/30/92-04/05/93	3	3.	2.333	3.	1.	1.333	1.155	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	06/30/92-04/05/93	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	06/30/92-04/05/93	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	06/30/92-04/05/93	3	7.	5.167	8.	0.5	16.583	4.072	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	06/30/92-04/05/93	3	11.	8.667	13.	2.	34.333	5.859	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	06/30/92-04/05/93	3	26.	21.667	34.	5.	224.333	14.978	**	**	**	**
01059	THALLIUM, TOTAL (UG/L AS TL)	06/30/92-04/05/93	3 ##	5.	4.167	5.	2.5	2.083	1.443	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	06/30/92-04/05/93	3	5.	5.	6.	4.	1.	1.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	06/30/92-04/05/93	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0276

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01092	ZINC, TOTAL (UG/L AS ZN)	06/30/92-04/05/93	3	220.	216.667	300.	130.	7233.333	85.049	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	06/30/92-04/05/93	3 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
30217	DIBROMOMETHANE, WATER, WHOLE, RECOVERABLE UG/L	06/30/92-04/05/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	06/30/92-04/05/93	3	10000.	15986.667	37000.	960.	351600533.333	18751.014	**	**	**	**
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	06/30/92-04/05/93	3	4.	3.85	4.568	2.982	0.646	0.804	**	**	**	**
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			7082.028								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/30/92-04/05/93	3	5400.	5233.333	8900.	1400.	14083333.333	3752.777	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/30/92-04/05/93	3	3.732	3.609	3.949	3.146	0.173	0.416	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			4067.279								
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	06/30/92-04/05/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	06/30/92-04/05/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	06/30/92-04/05/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
32104	BROMOFORM,WHOLE WATER,UG/L	06/30/92-04/05/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	06/30/92-04/05/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
32106	CHLOROFORM,WHOLE WATER,UG/L	06/30/92-04/05/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	02/11/93-04/05/93	2	2.5	2.5	3.	2.	0.5	0.707	**	**	**	**
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	06/30/92-04/05/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	06/30/92-04/05/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34200	ACENAPHTHYLENE TOTWUG/L	06/30/92-04/05/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34205	ACENAPHTHENE TOTWUG/L	06/30/92-04/05/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34210	ACROLEIN TOTWUG/L	06/30/92-04/05/93	3 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34215	ACRYLONITRILE TOTWUG/L	06/30/92-04/05/93	3 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34220	ANTHRACENE TOTWUG/L	06/30/92-04/05/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	06/30/92-04/05/93	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	06/30/92-04/05/93	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34247	BENZO-A-PYRENE TOTWUG/L	06/30/92-04/05/93	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	06/30/92-04/05/93	3 ##	0.045	0.045	0.045	0.045	0.	0.	**	**	**	**
34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	06/30/92-04/05/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	06/30/92-04/05/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	06/30/92-04/05/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	06/30/92-04/05/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34301	CHLOROBENZENE TOTWUG/L	06/30/92-04/05/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34311	CHLOROETHANE TOTWUG/L	06/30/92-04/05/93	3 ##	0.1	0.133	0.2	0.1	0.003	0.058	**	**	**	**
34320	CHRYSENE TOTWUG/L	06/30/92-04/05/93	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34336	DIETHYL PHTHALATE TOTWUG/L	06/30/92-04/05/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34341	DIMETHYL PHTHALATE TOTWUG/L	06/30/92-04/05/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34351	ENDOSULFAN SULFATE TOTWUG/L	06/30/92-04/05/93	3 ##	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
34356	ENDOSULFAN, BETA TOTWUG/L	06/30/92-04/05/93	3 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
34361	ENDOSULFAN, ALPHA TOTWUG/L	06/30/92-04/05/93	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34366	ENDRIN ALDEHYDE TOTWUG/L	06/30/92-04/05/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	06/30/92-04/05/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34376	FLUORANTHENE TOTWUG/L	06/30/92-04/05/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34381	FLUORENE TOTWUG/L	06/30/92-04/05/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	06/30/92-04/05/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34396	HEXACHLOROETHANE TOTWUG/L	06/30/92-04/05/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	06/30/92-04/05/93	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34408	ISOPHORONE TOTWUG/L	06/30/92-04/05/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34413	METHYL BROMIDE TOTWUG/L	06/30/92-04/05/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34418	METHYL CHLORIDE TOTWUG/L	06/30/92-04/05/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34423	METHYLENE CHLORIDE TOTWUG/L	06/30/92-04/05/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	06/30/92-04/05/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34433	N-NITROSODIPHENYLAMINE TOTWUG/L	06/30/92-04/05/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34438	N-NITROSODIMETHYLAMINE TOTWUG/L	06/30/92-04/05/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34447	NITROBENZENE TOTWUG/L	06/30/92-04/05/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34452	PARACHLOROMETA CRESOL TOTWUG/L	06/30/92-04/05/93	3 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
34461	PHENANTHRENE TOTWUG/L	06/30/92-04/05/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34469	PYRENE TOTWUG/L	06/30/92-04/05/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34475	TETRACHLOROETHYLENE TOTWUG/L	06/30/92-04/05/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	06/30/92-04/05/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34496	1,1-DICHLOROETHANE TOTWUG/L	06/30/92-04/05/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34501	1,1-DICHLOROETHYLENE TOTWUG/L	06/30/92-04/05/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	06/30/92-04/05/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	06/30/92-04/05/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0276

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	06/30/92-04/05/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	06/30/92-04/05/93	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	06/30/92-04/05/93	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34536	1,2-DICHLOROBENZENE TOTWUG/L	06/30/92-04/05/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34541	1,2-DICHLOROPROPANE TOTWUG/L	06/30/92-04/05/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	06/30/92-04/05/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	06/30/92-04/05/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	06/30/92-04/05/93	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34566	1,3-DICHLOROBENZENE TOTWUG/L	06/30/92-04/05/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34571	1,4-DICHLOROBENZENE TOTWUG/L	06/30/92-04/05/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	06/30/92-04/05/93	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34581	2-CHLORONAPHTHALENE TOTWUG/L	06/30/92-04/05/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34586	2-CHLOROPHENOL TOTWUG/L	06/30/92-04/05/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34591	2-NITROPHENOL TOTWUG/L	06/30/92-04/05/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34596	DI-N-OCTYL PHTHALATE TOTWUG/L	06/30/92-04/05/93	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34601	2,4-DICHLOROPHENOL TOTWUG/L	06/30/92-04/05/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34606	2,4-DIMETHYLPHENOL TOTWUG/L	06/30/92-04/05/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34611	2,4-DINITROTOLUENE TOTWUG/L	06/30/92-04/05/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34616	2,4-DINITROPHENOL TOTWUG/L	06/30/92-04/05/93	3 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	06/30/92-04/05/93	3 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34626	2,6-DINITROTOLUENE TOTWUG/L	06/30/92-04/05/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	06/30/92-04/05/93	3 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	06/30/92-04/05/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	06/30/92-04/05/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34646	4-NITROPHENOL TOTWUG/L	06/30/92-04/05/93	3 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	06/30/92-04/05/93	3 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
34668	DICHLORODIFUOROMETHANE TOTWUG/L	06/30/92-04/05/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34671	PCB - 1016 TOTWUG/L	06/30/92-04/05/93	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	06/30/92-04/05/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34696	NAPHTHALENE TOTWUG/L	06/30/92-04/05/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	06/30/92-04/05/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	06/30/92-04/05/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	06/30/92-04/05/93	3 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
39062	CHLORDANE-CIS ISOMER,WHOLE WATER SAMPL (UG/L)	06/30/92-04/05/93	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39065	CHLORDANE-TRNS ISOMER,WHOLE WATER SAMPL (UG/L)	06/30/92-04/05/93	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	06/30/92-04/05/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	06/30/92-04/05/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	06/30/92-04/05/93	3 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	06/30/92-04/05/93	3	2.6	2.167	3.3	0.6	1.963	1.401	**	**	**	**
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	06/30/92-04/05/93	3	0.9	1.267	2.8	0.1	1.923	1.387	**	**	**	**
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	06/30/92-04/05/93	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	06/30/92-04/05/93	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	06/30/92-04/05/93	3 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	06/30/92-04/05/93	3 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	06/30/92-04/05/93	3 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	06/30/92-04/05/93	3 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	06/30/92-04/05/93	3 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	06/30/92-04/05/93	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	06/30/92-04/05/93	3 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	06/30/92-04/05/93	3 ##	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	06/30/92-04/05/93	3 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	06/30/92-04/05/93	3 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	06/30/92-04/05/93	3 ##	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	06/30/92-04/05/93	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	06/30/92-04/05/93	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	06/30/92-04/05/93	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	06/30/92-04/05/93	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	06/30/92-04/05/93	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	06/30/92-04/05/93	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	06/30/92-04/05/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE(UG/L)	06/30/92-04/05/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/30/92-04/05/93	3	170.	152.333	175.	112.	1226.333	35.019	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	06/30/92-04/05/93	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0276

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	06/30/92-04/05/93	3	8.5	6.467	9.3	1.6	17.923	4.234	**	**	**	**
77128	STYRENE WHOLE WATER,UG/L	06/30/92-04/05/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77168	1,1-DICHLOROPROPENE WHOLE WATER,UG/L	06/30/92-04/05/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77170	2,2-DICHLOROPROPANE WHOLE WATER,UG/L	06/30/92-04/05/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77173	1,3-DICHLOROPROPANE WHOLE WATER,UG/L	06/30/92-04/05/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77222	1,2,4-TRIMETHYLBENZENE WHOLE WATER,UG/L	06/30/92-04/05/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77223	ISOPROPYLBENZENE WHOLE WATER,UG/L	06/30/92-04/05/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77224	N-PROPYLBENZENE WHOLE WATER,UG/L	06/30/92-04/05/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77226	1,3,5-TRIMETHYLBENZENE WHOLE WATER,UG/L	06/30/92-04/05/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77275	1-METHYL-2-CHLOROBENZENE (O-CHLOR*WHOLE WATER,UG/L	06/30/92-04/05/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77277	1-METHYL-4-CHLOROBENZENE (P-CHLOR*WHOLE WATER,UG/L	06/30/92-04/05/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77342	N-BUTYLBENZENE WHOLE WATER,UG/L	06/30/92-04/05/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77350	SEC-BUTYLBENZENE WHOLE WATER,UG/L	06/30/92-04/05/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77353	TERT-BUTYLBENZENE WHOLE WATER,UG/L	06/30/92-04/05/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77356	1-METHYL-4-ISOPROPYLBENZENE WHOLE WATER,UG/L	06/30/92-04/05/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77443	1,2,3-TRICHLOROPROPANE WHOLE WATER,UG/L	06/30/92-04/05/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77562	1,1,1,2-TETRACHLOROETHANE WHOLE WATER,UG/L	06/30/92-04/05/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77613	1,2,3-TRICHLOROBENZENE WHOLE WATER,UG/L	06/30/92-04/05/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	06/30/92-04/05/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77652	1,1,2-TRICHLORO-1,2,2-TRIFLUOROET*WHOLE WATER,UG/L	02/11/93-04/05/93	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
80082	BOD, CARBONACEOUS, 5 DAY, 20 DEG C MG/L	06/30/92-04/05/93	3	23.4	22.133	29.	14.	57.453	7.58	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	06/30/92-04/05/93	19	28.	36.368	93.	5.	951.023	30.839	6.	8.	57.	85.
81551	XYLENE WHL WATER SMPL UG/L	06/30/92-04/05/93	3 ##	0.1	0.2	0.4	0.1	0.03	0.173	**	**	**	**
81555	BROMOBENZENE WHL WATER SMPL UG/L	06/30/92-04/05/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82625	DIBROMOCHLOROPROPANE, WATER,TOTAL RECOVERABLE,UG/L	06/30/92-04/05/93	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82626	1,2-DIPHENYLHYDRAZINE,WATER,TOTAL RECOVERABLE,UG/L	06/30/92-04/05/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0276

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00403	PH, LAB	Fresh Chronic	9.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	2	0	0.00				1	0	0.00	1	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00				1	0	0.00	1	0	0.00			
00720	CYANIDE, TOTAL	Fresh Acute	0.022	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	0.2	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	250.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	50.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	4.	0 &	0	0.00												
01027	CADMIUM, TOTAL	Fresh Acute	3.9	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	5.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	1300.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	15.	3	2	0.67	1	1	1.00	1	1	1.00	1	0	0.00			
01059	THALLIUM, TOTAL	Fresh Acute	1400.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	2.	0 &	0	0.00												
01067	NICKEL, TOTAL	Fresh Acute	1400.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	100.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0276

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01077	SILVER, TOTAL	Fresh Acute	4.1	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	100.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	3	3	1.00	1	1	1.00	1	1	1.00	1	1	1.00			
		Drinking Water	5000.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	50.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	3	3	1.00	1	1	1.00	1	1	1.00	1	1	1.00			
32101	BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
32102	CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	5.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
32103	1,2-DICHLOROETHANE,WHOLE WATER	Fresh Acute	118000.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	5.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
32104	BROMOFORM, WHOLE WATER	Drinking Water	100.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
32105	DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
32106	CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	100.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	1000.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34205	ACENAPHTHENE, TOTAL	Fresh Acute	1700.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34210	ACROLEIN, TOTAL	Fresh Acute	68.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34215	ACRYLONITRILE, TOTAL	Fresh Acute	7550.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34301	CHLOROBENZENE, TOTAL	Drinking Water	100.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34356	ENDOSULFAN, BETA, TOTAL	Fresh Acute	0.22	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34361	ENDOSULFAN, ALPHA, TOTAL	Fresh Acute	0.22	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34371	ETHYLBENZENE, TOTAL	Fresh Acute	32000.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	700.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34376	FLUORANTHENE, TOTAL	Fresh Acute	3980.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL	Fresh Acute	7.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	50.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34396	HEXACHLOROETHANE, TOTAL	Fresh Acute	980.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34403	INDENO (1,2,3-CD) PYRENE, TOTAL	Drinking Water	0.4	0 &	0	0.00												
34408	ISOPHORONE, TOTAL	Fresh Acute	117000.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34423	METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34447	NITROBENZENE, TOTAL	Fresh Acute	27000.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34452	PARACHLOROMETA CRESOL, TOTAL	Fresh Acute	30.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34461	PHENANTHRENE, TOTAL	Fresh Acute	30.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34475	TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	5.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34501	1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34506	1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34511	1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34536	1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34541	1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34551	1,2,4-TRICHLOROBENZENE, TOTAL	Drinking Water	70.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34566	1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34571	1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34586	2-CHLOROPHENOL, TOTAL	Fresh Acute	4380.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34601	2,4-DICHLOROPHENOL, TOTAL	Fresh Acute	2020.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34606	2,4-DIMETHYLPHENOL, TOTAL	Fresh Acute	2120.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34611	2,4-DINITROTOLUENE, TOTAL	Fresh Acute	330.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34694	PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	Fresh Acute	10200.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34696	NAPHTHALENE, TOTAL	Fresh Acute	2300.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	1.	0 &	0	0.00												
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	Fresh Acute	2000.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	6.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	3	2	0.67	1	1	1.00	1	0	0.00	1	1	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0276

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	5.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
39300	P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
39310	P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
39320	P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	0.2	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	2.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	2.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	0 &	0	0.00												
		Drinking Water	3.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	0.4	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	0.2	0 &	0	0.00												
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	1.	0 &	0	0.00												
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPL	Fresh Acute	90.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	2.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
77093	CIS-1,2-DICHLOROETHYLENE, WHOLE WATER	Drinking Water	70.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
77128	STYRENE, WHOLE WATER	Drinking Water	100.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
77651	1,2-DIBROMOETHANE, WHOLE WATER	Drinking Water	0.05	0 &	0	0.00												
82625	DIBROMOCHLOROPROPANE, WATER, TOTAL RECOV	Drinking Water	0.2	0 &	0	0.00												

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0277

NPS Station ID: CHCH0277 | LAT/LON: 35.054504/ -85.436503 | Agency: 11NPSWRD | Date Created: 04/03/99
Location: TNMR506R | FIPS State/County: 47115 TENNESSEE/MARION
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): CHCH_NURE_12 /4085588
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 06020001 | Depth of Water: 0 | Aquifer:
Major Basin: TENNESSEE RIVER | Elevation: 0 | Water Body Id:
Minor Basin: TENNESSEE R-MAIN STEM & MINOR TRIBS | ECO Region:
RF1 Index: 06020001 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 06020001011302.01 | RF3 Mile Point: 3.41 | Distance from RF3: 0.11 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WAUHATCHIE TENNESSEE 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THIS SITE IS AT A SPRING AND IS LOCATED OUTSIDE OF THE CHICKAMAUGA AND CHATTANOOGA NATIONAL MILITARY PARK BOUNDARIES. EACH SAMPLE WAS FILTERED THROUGH A LESS THAN OR EQUAL TO 0.8 UM FILTER AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATABASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K.D. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATABASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUNDWATER DATA. THE "UNIQID" ENTRY WAS USED TO CREATE THE SECONARY STATION NAME. THE "SRLID" (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) ENTRY WAS USED TO CREATE THE LOCATION. SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY RONDA BURNS; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FT. COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: CHCH0277

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/78-08/24/78	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/24/78-08/24/78	1	220.	220.	220.	220.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/24/78-08/24/78	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/24/78-08/24/78	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/24/78-08/24/78	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/24/78-08/24/78	1	135.	135.	135.	135.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/24/78-08/24/78	1	5.7	5.7	5.7	5.7	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/24/78-08/24/78	1	3.17	3.17	3.17	3.17	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/24/78-08/24/78	1	125.	125.	125.	125.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	08/24/78-08/24/78	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/24/78-08/24/78	1	214.	214.	214.	214.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	08/24/78-08/24/78	1	0.353	0.353	0.353	0.353	0.	0.	**	**	**	**
50700	FLUORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	08/24/78-08/24/78	1	17.	17.	17.	17.	0.	0.	**	**	**	**
50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	08/24/78-08/24/78	1	2400.	2400.	2400.	2400.	0.	0.	**	**	**	**
82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	08/24/78-08/24/78	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0277

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0278

NPS Station ID: CHCH0278
Location: TENN RIV AT INTKS CTY WATER CO
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM
RMI-Indexes: 1021500 007720 00920
RMI-Miles: 0953.80 0046.50 465.40
HUC: 06020001
Major Basin: SOUTHEAST
Minor Basin: TENNESSEE RIVER BASIN
RF1 Index: 06020001006
RF3 Index: 06020001000604.74
Description:

LAT/LON: 35.054726/ -85.290003
Depth of Water: 0
Elevation: 0
RF1 Mile Point: 4.290
RF3 Mile Point: 4.88

Agency: 1113S090
FIPS State/County: 47065 TENNESSEE/HAMILTON
STORET Station ID(s): 470035 /CWI-01
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.05

Date Created: / /
On/Off RF1: ON
On/Off RF3:

Parameter Inventory for Station: CHCH0278

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

***** Data for this station locked by controlling agency *****

Station Inventory for Station: CHCH0279

NPS Station ID: CHCH0279
LAT/LON: 35.054726/ -85.290003
Agency: 1113S090
Date Created: / /
Location: TENN RIV CITY WATER LAB TAP WATR
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM
STORET Station ID(s): 470190 /CWL-01
RMI-Indexes: 1021500 007720 00920
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 465.40
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001006
RF1 Mile Point: 4.290
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 06020001000706.14
RF3 Mile Point: 6.21
Distance from RF3: 0.08
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0279

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

***** Data for this station locked by controlling agency *****

Station Inventory for Station: CHCH0280

NPS Station ID: CHCH0280
LAT/LON: 35.055005/ -85.287503
Agency: 21TNWQ
Date Created: / /
Location: TENN-AM WATER CO. DATA 465.2 L
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): TN121L
RMI-Indexes: 1021500 007720 00920
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 465.20
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001006
RF1 Mile Point: 4.540
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 06020001000606.95
RF3 Mile Point: 7.31
Distance from RF3: 0.08
On/Off RF3:
Description:
TENNESSEE RIVER MILE 465.2 STATION LOCATED AT TENN-AMERICAN INTAKE SAMPLES COLLECTED 25 PERCENT OF STREAM WIDTH FROM LEFT BANK
SAMPLES COLLECTED BY TENNESSEE AMERICAN WATER COMPANY IN CHATTANOOGA

Parameter Inventory for Station: CHCH0280

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/02/74-09/26/74	34	11.5	11.5	20.	3.	74.439	8.628	3.	3.	20.	20.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	08/01/74-09/26/74	25	76.5	77.16	80.	70.	9.286	3.047	72.4	76.	80.	80.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/02/74-09/26/74	33	8.8	10.13	41.	3.4	55.268	7.434	4.46	6.5	11.	12.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/02/74-09/26/74	33	172.	173.606	190.	160.	50.246	7.088	163.8	170.	180.	181.2
00300	OXYGEN, DISSOLVED MG/L	08/01/74-09/26/74	23	6.	5.909	6.8	4.8	0.283	0.532	5.	5.5	6.2	6.66
00310	BOD, 5 DAY, 20 DEG C MG/L	08/01/74-09/26/74	23 ##	0.5	0.7	1.3	0.5	0.082	0.286	0.5	0.5	1.	1.1
00403	PH, LAB, STANDARD UNITS SU	07/02/74-09/26/74	33	7.6	7.588	7.8	6.9	0.035	0.188	7.44	7.6	7.7	7.76
00403	CONVERTED PH, LAB, STANDARD UNITS	07/02/74-09/26/74	33	7.6	7.531	7.8	6.9	0.039	0.197	7.44	7.6	7.7	7.76
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/02/74-09/26/74	33	0.025	0.029	0.126	0.016	0.001	0.022	0.017	0.02	0.025	0.037
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/02/74-09/26/74	33	55.	54.939	59.	51.	2.621	1.619	53.4	54.	56.	57.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/02/74-09/26/74	33 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
00690	CARBON, TOTAL (MG/L AS C)	08/01/74-09/26/74	23	1.6	1.574	2.4	0.9	0.179	0.423	1.	1.3	1.8	2.26
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/02/74-09/26/74	33	66.	64.758	72.	6.	119.564	10.935	62.	64.	69.5	70.6
00910	CALCIUM (MG/L AS CACO3)	07/02/74-09/26/74	33	20.	20.218	22.	18.	1.181	1.087	18.4	19.8	20.9	21.6
00920	MAGNESIUM (MG/L AS CACO3)	07/02/74-09/26/74	33	3.9	3.842	4.9	2.7	0.306	0.553	3.02	3.4	4.25	4.52
00929	SODIUM, TOTAL (MG/L AS NA)	07/02/74-09/26/74	27	5.	5.407	6.5	4.	0.943	0.971	4.	5.	6.5	6.5
00940	CHLORIDE,TOTAL IN WATER MG/L	07/02/74-09/26/74	33	8.	7.576	11.	5.	3.127	1.768	5.	6.	9.	10.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/02/74-09/23/74	29	0.1	0.106	0.25	0.05	0.003	0.05	0.05	0.05	0.13	0.19
01027	CADMIUM, TOTAL (UG/L AS CD)	07/02/74-09/26/74	33 ##	0.003	0.003	0.003	0.003	0.	0.	0.003	0.003	0.003	0.003
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/02/74-09/26/74	33 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
01042	COPPER, TOTAL (UG/L AS CU)	07/02/74-09/26/74	33 ##	0.005	0.007	0.01	0.005	0.	0.002	0.005	0.005	0.01	0.01
01045	IRON, TOTAL (UG/L AS FE)	07/02/74-09/26/74	33	0.1	0.138	0.2	0.08	0.003	0.051	0.088	0.1	0.2	0.2
01051	LEAD, TOTAL (UG/L AS PB)	07/02/74-09/26/74	33 ##	0.02	0.02	0.02	0.02	0.	0.	0.02	0.02	0.02	0.02
01055	MANGANESE, TOTAL (UG/L AS MN)	07/02/74-09/26/74	33	0.03	0.034	0.07	0.01	0.	0.014	0.02	0.025	0.04	0.056
01092	ZINC, TOTAL (UG/L AS ZN)	07/02/74-09/26/74	33	0.01	0.011	0.02	0.005	0.	0.005	0.005	0.01	0.01	0.02
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/02/74-09/26/74	33	800.	1492.424	9700.	25.	4259979.877	2063.972	140.	200.	2000.	3680.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/02/74-09/26/74	33	2.903	2.82	3.987	1.398	0.387	0.622	2.12	2.301	3.301	3.563
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			661.283								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/02/74-09/26/74	33 ##	5.	28.788	440.	2.5	6079.735	77.973	2.5	3.75	20.	80.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/02/74-09/26/74	33 ##	0.699	0.939	2.643	0.398	0.313	0.56	0.398	0.548	1.301	1.88
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.688								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/02/74-09/26/74	33 ##	5.	28.788	440.	2.5	6079.735	77.973	2.5	3.75	20.	80.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/02/74-09/26/74	33 ##	0.699	0.939	2.643	0.398	0.313	0.56	0.398	0.548	1.301	1.88

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0280

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			8.688								
72033	FLOW, AVERAGE DAILY SPILLWAY DISCHARGE CFS	07/02/74-09/26/74	34	31400.	28405.882	42000.	0.	126106024.955	11229.694	0.	27725.	33875.	37900.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0280

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	33	0	0.00	33	0	0.00									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	23	0	0.00	23	0	0.00									
00403	PH, LAB	Fresh Chronic	9.	33	0	0.00	33	0	0.00									
		Other-Lo Lim.	6.5	33	0	0.00	33	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	33	0	0.00	33	0	0.00									
		Drinking Water	250.	33	0	0.00	33	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	29	0	0.00	29	0	0.00									
01027	CADMIUM, TOTAL	Fresh Acute	3.9	33	0	0.00	33	0	0.00									
		Drinking Water	5.	33	0	0.00	33	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	33	0	0.00	33	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	33	0	0.00	33	0	0.00									
		Drinking Water	1300.	33	0	0.00	33	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	33	0	0.00	33	0	0.00									
		Drinking Water	15.	33	0	0.00	33	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	33	0	0.00	33	0	0.00									
		Drinking Water	5000.	33	0	0.00	33	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	33	14	0.42	33	14	0.42									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	33	1	0.03	33	1	0.03									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	33	1	0.03	33	1	0.03									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0281

NPS Station ID: CHCH0281
LAT/LON: 35.055281/ -85.277505
Agency: 1113S090
Date Created: / /
Location: CITICO CR ECON MILLS N BK MI 0.9
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM
STORET Station ID(s): 470130 /EM-01
RMI-Indexes: 1021500 007720 00920 6164
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 465.30 000.90
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001006
RF1 Mile Point: 4.890
Distance from RF1: 9.80
On/Off RF1: OFF
RF3 Index: 06020001124001.53
RF3 Mile Point: 2.16
Distance from RF3: 0.42
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0281

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

***** Data for this station locked by controlling agency *****

Station Inventory for Station: CHCH0282

NPS Station ID: CHCH0282
LAT/LON: 35.055559/ -85.221115
Agency: 131TVAC
Date Created: / /
Location: NEAR ROLLINGWOOD
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475736 /2654
RMI-Indexes: 1021500 007720 00920 6180
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 006.30
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: SOUTH CHICKAMAUGA CREEK 6.3
ECO Region:
RF1 Index: 06020001007
RF1 Mile Point: 6.750
Distance from RF1: 1.40
On/Off RF1: ON
RF3 Index: 06020001000707.12
RF3 Mile Point: 7.64
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0282

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/25/72-09/27/72	3	1.	1.333	2.	1.	0.333	0.577	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/26/72-09/27/72	2	23.	23.	23.	23.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/26/72-09/27/72	2	3.75	3.75	3.8	3.7	0.005	0.071	**	**	**	**
00303	BOD, 1DAY, 20 DEG C MG/L	09/25/72-09/27/72	3	1.2	1.4	2.5	0.5	1.03	1.015	**	**	**	**
00304	BOD, 2 DAY, 20 DEG C MG/L	09/25/72-09/27/72	3	2.4	2.9	4.4	1.9	1.75	1.323	**	**	**	**
00305	BOD, 3 DAY, 20 DEG C MG/L	09/25/72-09/27/72	3	3.2	4.	6.	2.8	3.04	1.744	**	**	**	**
00306	BOD, 4 DAY, 20 DEG C MG/L	09/25/72-09/27/72	3	4.4	5.1	6.9	4.	2.47	1.572	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/25/72-09/27/72	3	6.8	6.733	7.7	5.7	1.003	1.002	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/25/72-09/27/72	3	0.72	0.773	0.97	0.63	0.031	0.176	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/25/72-09/27/72	3	1.	0.927	1.1	0.68	0.048	0.219	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/25/72-09/27/72	3	0.24	0.247	0.27	0.23	0.	0.021	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/25/72-09/27/72	3	1.8	1.733	1.9	1.5	0.043	0.208	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0282

			Total	Exceed	Prop.	6/01-10/31			11/01-2/29			3/01-5/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	2	1.00	2	2	1.00									
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	3	0	0.00	3	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	3	0	0.00	3	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0283

NPS Station ID: CHCH0283
LAT/LON: 35.055838/ -85.281949
Agency: 1113S090
Date Created: / /
Location: TENN RIV CONSLTD LTX-AMNICOL EFF
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM
STORET Station ID(s): 470030 /CL-01
RMI-Indexes: 1021500 007720 00920
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 465.80
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001006
RF1 Mile Point: 4.890
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 06020001124000.60
RF3 Mile Point: 0.75
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0283

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

***** Data for this station locked by controlling agency *****

Station Inventory for Station: CHCH0284

NPS Station ID: CHCH0284
LAT/LON: 35.055838/ -85.287781
Agency: 21TNWQ
Date Created: / /
Location: TENN-AM WATER CO. DATA 465.2 M
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): TN122M
RMI-Indexes: 1021500 007720 00920
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 465.20
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001006
RF1 Mile Point: 4.540
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 06020001000604.74
RF3 Mile Point: 4.76
Distance from RF3: 0.05
On/Off RF3:
Description:
TENNESSEE RIVER MILE 465.2 STATION LOCATED AT TENN-AMERICAN INTAKE SAMPLES COLLECTED 50 PERCENT OF STREAM WIDTH FROM LEFT BANK
SAMPLES COLLECTED BY TENNESSEE AMERICAN WATER COMPANY IN CHATTANOOGA

Parameter Inventory for Station: CHCH0284

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/02/74-09/26/74	31	3.	11.226	20.	3.	74.581	8.636	3.	3.	20.	20.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	08/01/74-09/26/74	22	76.5	77.136	80.	70.	10.1	3.178	71.2	76.	80.	80.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/02/74-09/26/74	30	9.4	11.303	51.	4.5	94.41	9.716	5.22	7.325	11.	13.9
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/02/74-09/26/74	30	172.	173.567	190.	160.	60.323	7.767	163.	170.	180.	183.8
00300	OXYGEN, DISSOLVED MG/L	08/01/74-09/26/74	21	6.1	6.062	6.8	4.9	0.262	0.512	5.1	5.8	6.35	6.78
00310	BOD, 5 DAY, 20 DEG C MG/L	08/01/74-09/26/74	21 ##	0.5	0.667	1.2	0.5	0.075	0.274	0.5	0.5	1.	1.18
00403	PH, LAB, STANDARD UNITS SU	07/02/74-09/26/74	30	7.6	7.597	7.8	6.9	0.037	0.192	7.51	7.6	7.7	7.8
00403	CONVERTED PH, LAB, STANDARD UNITS	07/02/74-09/26/74	30	7.6	7.536	7.8	6.9	0.041	0.202	7.51	7.6	7.7	7.8
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/02/74-09/26/74	30	0.025	0.029	0.126	0.016	0.001	0.023	0.016	0.02	0.025	0.031
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/02/74-09/26/74	30	55.	55.	58.	50.	2.897	1.702	54.	54.	56.	56.9
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/02/74-09/26/74	30 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
00690	CARBON, TOTAL (MG/L AS C)	08/01/74-09/26/74	21	1.7	1.79	3.	1.1	0.26	0.51	1.2	1.5	2.	2.68
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/02/74-09/26/74	30	67.	67.3	74.	62.	12.424	3.525	62.	65.	70.	73.8
00910	CALCIUM (MG/L AS CACO3)	07/02/74-09/26/74	30	20.8	20.507	22.	18.4	1.208	1.099	18.4	20.	21.6	21.6
00920	MAGNESIUM (MG/L AS CACO3)	07/02/74-09/26/74	30	3.9	3.947	5.1	3.2	0.315	0.561	3.4	3.4	4.25	4.9
00929	SODIUM, TOTAL (MG/L AS NA)	07/02/74-09/26/74	26	5.	5.385	6.5	4.	0.966	0.983	4.	4.75	6.5	6.5
00940	CHLORIDE,TOTAL IN WATER MG/L	07/02/74-09/26/74	30	7.	7.467	11.	5.	3.292	1.814	5.	6.	9.	10.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/02/74-09/23/74	26	0.1	0.096	0.16	0.05	0.001	0.036	0.05	0.05	0.12	0.15
01027	CADMIUM, TOTAL (UG/L AS CD)	07/02/74-09/26/74	30 ##	0.003	0.003	0.003	0.003	0.	0.	0.003	0.003	0.003	0.003
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/02/74-09/26/74	30 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
01042	COPPER, TOTAL (UG/L AS CU)	07/02/74-09/26/74	30 ##	0.005	0.007	0.02	0.005	0.	0.003	0.005	0.005	0.01	0.01
01045	IRON, TOTAL (UG/L AS FE)	07/02/74-09/26/74	30	0.1	0.143	0.3	0.08	0.003	0.057	0.1	0.1	0.2	0.2
01051	LEAD, TOTAL (UG/L AS PB)	07/02/74-09/26/74	30 ##	0.02	0.021	0.04	0.02	0.	0.004	0.02	0.02	0.02	0.02
01055	MANGANESE, TOTAL (UG/L AS MN)	07/02/74-09/26/74	30	0.04	0.039	0.07	0.02	0.	0.013	0.02	0.03	0.05	0.05
01092	ZINC, TOTAL (UG/L AS ZN)	07/02/74-09/26/74	30	0.01	0.011	0.02	0.005	0.	0.004	0.005	0.01	0.01	0.02
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/02/74-09/26/74	31	600.	1564.516	12000.	25.	5918657.258	2432.829	50.	100.	2000.	3560.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/02/74-09/26/74	31	2.778	2.709	4.079	1.398	0.541	0.736	1.699	2.	3.301	3.551
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			512.104								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/02/74-09/26/74	31 ##	5.	5.161	10.	2.5	5.806	2.41	2.5	2.5	5.	10.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/02/74-09/26/74	31 ##	0.699	0.67	1.	0.398	0.038	0.196	0.398	0.398	0.699	1.
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.676								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/02/74-09/26/74	31 ##	5.	5.161	10.	2.5	5.806	2.41	2.5	2.5	5.	10.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/02/74-09/26/74	31 ##	0.699	0.67	1.	0.398	0.038	0.196	0.398	0.398	0.699	1.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0284

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4.676								
72033	FLOW, AVERAGE DAILY SPILLWAY DISCHARGE CFS	07/02/74-09/26/74	31	30700.	27903.226	42000.	0.	135515655.914	11641.119	0.	27500.	33600.	37900.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0284

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	30	1	0.03	30	1	0.03									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	21	0	0.00	21	0	0.00									
00403	PH, LAB	Fresh Chronic	9.	30	0	0.00	30	0	0.00									
		Other-Lo Lim.	6.5	30	0	0.00	30	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	30	0	0.00	30	0	0.00									
		Drinking Water	250.	30	0	0.00	30	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	26	0	0.00	26	0	0.00									
01027	CADMIUM, TOTAL	Fresh Acute	3.9	30	0	0.00	30	0	0.00									
		Drinking Water	5.	30	0	0.00	30	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	30	0	0.00	30	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	30	0	0.00	30	0	0.00									
		Drinking Water	1300.	30	0	0.00	30	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	30	0	0.00	30	0	0.00									
		Drinking Water	15.	30	0	0.00	30	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	30	0	0.00	30	0	0.00									
		Drinking Water	5000.	30	0	0.00	30	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	31	13	0.42	31	13	0.42									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	31	0	0.00	31	0	0.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	31	0	0.00	31	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0285

NPS Station ID: CHCH0285 | LAT/LON: 35.056115/ -85.343337 | Agency: 11EPALES | Date Created: / /
Location: NICKAJACK RESERVOIR | FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): 471704
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 06020001 | Depth of Water: 31 | Aquifer:
Major Basin: | Elevation: 0 | Water Body Id:
Minor Basin: | ECO Region:
RF1 Index: 06020001002 | RF1 Mile Point: 5.990 | Distance from RF1: 0.00 | On/Off RF1: ON
RF3 Index: 06020001000206.82 | RF3 Mile Point: 7.57 | Distance from RF3: 0.09 | On/Off RF3:
Description:
MILE 457.8, MIDCHANNEL. 150 YDS UPRIVER FR SITE 3. COMMENTS: 5-23 ULE 17, OUTSIDE PLUME OF STP OUTFALL; HIGH ALGAE CONCENTRATION. 8-18 ULE 19, OVERALL DESCRIPTION SAME AS SITE 3; PLUME STILL VISIBLE IN WATER; DEPTH 42 FT. 10-30 ULE 15, WATER CONDITION SIMILAR TO SITE 3; DEPTH 30 FT.
MAP: TVA TENNESSEE RIVER WATERWAY NAVIGATION CHARTS

Parameter Inventory for Station: CHCH0285

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/23/73-10/30/73	14	15.	14.5	35.	0.	147.808	12.158	0.	3.75	25.5	32.5
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-10/30/73	14	19.3	22.243	26.7	18.5	16.144	4.018	18.5	18.5	26.7	26.7
00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	05/23/73-10/30/73	14	83.	84.786	95.	79.	34.489	5.873	79.	79.75	92.	93.5
00077	TRANSPARENCY, SECCHI DISC (INCHES)	05/23/73-10/30/73	3	36.	36.	39.	33.	9.	3.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/18/73-10/30/73	10	168.	167.2	173.	160.	19.733	4.442	160.1	163.25	171.25	172.9
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/23/73-10/30/73	14	643.	716.714	1162.	160.	181288.066	425.779	160.	160.	1138.25	1158.5
00300	OXYGEN, DISSOLVED MG/L	05/23/73-10/30/73	10	6.9	6.54	7.8	5.4	1.058	1.029	5.4	5.4	7.6	7.78
00400	PH (STANDARD UNITS)	05/23/73-10/30/73	12	7.4	7.05	7.4	6.3	0.268	0.518	6.3	6.4	7.4	7.4
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-10/30/73	12	7.4	6.753	7.4	6.3	0.364	0.603	6.3	6.4	7.4	7.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-10/30/73	12	0.04	0.176	0.501	0.04	0.042	0.204	0.04	0.04	0.398	0.501
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/23/73-10/30/73	12	58.	56.917	60.	52.	7.902	2.811	52.3	54.	59.	59.7
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/23/73-10/30/73	12	0.08	0.079	0.1	0.07	0.	0.009	0.07	0.07	0.08	0.097
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/23/73-10/30/73	12	0.3	0.292	0.6	0.1	0.024	0.156	0.1	0.125	0.4	0.54
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/23/73-10/30/73	12	0.395	0.401	0.43	0.37	0.	0.022	0.373	0.38	0.428	0.43
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/23/73-10/30/73	12	0.058	0.063	0.088	0.044	0.	0.014	0.046	0.052	0.075	0.087
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/23/73-10/30/73	12	0.031	0.033	0.049	0.019	0.	0.01	0.02	0.025	0.042	0.048
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	05/23/73-10/30/73	3	2.4	2.6	4.1	1.3	1.99	1.411	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	05/23/73-10/30/73	3	31.	34.333	42.	30.	44.333	6.658	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0285

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	10	0	0.00	7	0	0.00				3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0285

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	12	0	0.00	8	0	0.00				4	0	0.00			
		Other-Lo Lim.	6.5	12	4	0.33	8	4	0.50				4	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	12	0	0.00	8	0	0.00				4	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0286

NPS Station ID: CHCH0286
LAT/LON: 35.056392/ -85.287781
Agency: 131TVAC
Date Created: / /
Location: NICKAJACK RESERVOIR
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475299 /0996
RMI-Indexes: 1021500 007720 00920
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 465.40
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER 465.40
ECO Region:
RF1 Index: 06020001006
RF1 Mile Point: 4.540
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 06020001026000.00
RF3 Mile Point: 0.00
Distance from RF3: 0.12
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0286

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/04/71-09/20/79	180	5.	6.294	20.	1.	20.924	4.574	1.	3.	10.	13.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/04/71-09/20/79	180	17.9	17.943	26.6	6.8	38.714	6.222	7.2	14.175	24.1	25.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/23/73-09/20/79	77	10.	11.36	30.	2.6	43.976	6.631	4.	7.	15.	25.
00080	COLOR (PLATINUM-COBALT UNITS)	01/23/73-09/20/79	70	10.	13.686	50.	5.	141.291	11.887	5.	10.	15.	20.
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	01/23/73-12/04/73	66	30.	40.53	100.	15.	575.484	23.989	25.	25.	45.	100.
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	01/23/73-12/04/73	66 ##	0.5	0.561	2.	0.5	0.05	0.224	0.5	0.5	0.5	0.65
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/23/73-09/20/79	95	140.	151.737	210.	91.	475.856	21.814	130.	140.	170.	180.
00300	OXYGEN, DISSOLVED MG/L	05/04/71-09/20/79	176	7.75	8.013	12.8	5.2	3.237	1.799	5.8	6.4	9.1	10.8
00310	BOD, 5 DAY, 20 DEG C MG/L	01/23/73-09/20/79	72 ##	0.5	0.678	1.8	0.5	0.104	0.323	0.5	0.5	1.	1.2
00335	COD, .025N K2CR2O7 MG/L	01/23/73-12/04/73	65	6.	5.485	12.	0.5	4.14	2.035	3.	4.	7.	7.4
00400	PH (STANDARD UNITS)	08/02/72-09/20/79	99	7.4	7.252	8.1	5.9	0.185	0.43	6.7	7.1	7.5	7.7
00400	CONVERTED PH (STANDARD UNITS)	08/02/72-09/20/79	99	7.4	6.95	8.1	5.9	0.277	0.526	6.7	7.1	7.5	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/02/72-09/20/79	99	0.04	0.112	1.259	0.008	0.05	0.223	0.02	0.032	0.079	0.2
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/02/72-09/20/79	82	50.	48.28	62.	5.	63.217	7.951	38.3	45.	52.25	56.7
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/02/72-09/20/79	82	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/23/73-10/23/73	54	90.	96.667	160.	80.	264.151	16.253	80.	90.	100.	110.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/23/73-09/20/79	77	10.	10.818	35.	0.5	46.039	6.785	3.	7.	13.	18.
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/23/73-09/20/79	77	0.1	0.118	0.28	0.01	0.006	0.075	0.015	0.05	0.185	0.222
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/23/73-09/20/79	77	0.05	0.053	0.12	0.02	0.001	0.024	0.02	0.03	0.06	0.092
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/23/73-09/20/79	77	0.37	0.411	0.62	0.27	0.011	0.104	0.3	0.32	0.5	0.58
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/23/73-09/20/79	77	0.039	0.04	0.163	0.01	0.001	0.026	0.013	0.02	0.049	0.07
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/23/73-12/04/73	65	0.02	0.022	0.065	0.005	0.	0.015	0.005	0.01	0.028	0.047
00677	PHOSPHORUS,HYDROLYZABLE + ORTHO,DIS,AUTOANALYZER	04/27/79-09/20/79	11 ##	0.005	0.008	0.02	0.005	0.	0.005	0.005	0.005	0.01	0.018
00722	CYANIDE, FREE (AMENABLE TO CHLORINATION) MG/L	01/23/73-12/04/73	66 ##	0.005	0.005	0.01	0.005	0.	0.001	0.005	0.005	0.005	0.005
00916	CALCIUM, TOTAL (MG/L AS CA)	01/23/73-12/04/73	66	19.	19.318	24.	15.	4.928	2.22	16.	18.	21.	22.
00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/23/73-12/04/73	66	4.3	4.436	5.4	3.8	0.212	0.461	4.	4.	4.8	5.2
00929	SODIUM, TOTAL (MG/L AS NA)	01/23/73-12/04/73	66	4.65	5.267	8.6	3.7	1.875	1.369	3.8	4.3	6.525	7.5
00937	POTASSIUM, TOTAL MG/L AS K)	01/23/73-12/04/73	66	1.8	1.789	2.4	1.5	0.037	0.193	1.6	1.6	1.9	2.1
00940	CHLORIDE,TOTAL IN WATER MG/L	01/23/73-12/04/73	66	6.	6.5	19.	4.	4.623	2.15	5.	5.	8.	9.
00945	SULFATE, TOTAL (MG/L AS SO4)	01/23/73-12/04/73	66	12.	12.939	20.	3.	9.966	3.157	10.	11.	15.	17.3
00951	FLUORIDE, TOTAL (MG/L AS F)	01/23/73-12/04/73	66	0.07	0.069	0.09	0.05	0.	0.013	0.05	0.06	0.08	0.09
00956	SILICA, TOTAL (MG/L AS SI02)	01/23/73-12/04/73	66	5.05	5.124	6.9	4.2	0.299	0.547	4.5	4.7	5.4	5.96
01002	ARSENIC, TOTAL (UG/L AS AS)	01/23/73-12/04/73	66 ##	2.5	2.538	5.	2.5	0.095	0.308	2.5	2.5	2.5	2.5
01007	BARIUM, TOTAL (UG/L AS BA)	01/23/73-12/04/73	66 ##	50.	50.	50.	50.	0.	0.	50.	50.	50.	50.
01012	BERYLLIUM, TOTAL (UG/L AS BE)	01/23/73-12/04/73	66 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01027	CADMIUM, TOTAL (UG/L AS CD)	01/23/73-12/04/73	66 ##	0.5	0.538	2.	0.5	0.041	0.202	0.5	0.5	0.5	0.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/04/71-12/04/73	76 ##	2.5	3.533	25.	2.5	19.582	4.425	2.5	2.5	2.5	3.25
01042	COPPER, TOTAL (UG/L AS CU)	05/04/71-12/04/73	76 ##	7.5	15.921	140.	5.	462.474	21.505	5.	5.	20.	40.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0286

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01045	IRON, TOTAL (UG/L AS FE)	05/04/71-12/04/73	76	590.	694.342	1700.	310.	115414.228	339.727	374.	470.	807.5	1330.
01046	IRON, DISSOLVED (UG/L AS FE)	01/23/73-12/04/73	66	50.	64.015	130.	25.	1374.784	37.078	25.	25.	100.	113.
01047	IRON, FERROUS (UG/L AS FE)	01/23/73-12/04/73	66	80.	87.121	200.	30.	1586.97	39.837	40.	60.	110.	153.
01051	LEAD, TOTAL (UG/L AS PB)	01/23/73-12/04/73	66 ##	5.	8.333	70.	5.	95.118	9.753	5.	5.	10.	12.9
01055	MANGANESE, TOTAL (UG/L AS MN)	11/09/71-12/04/73	71	80.	82.535	110.	50.	176.338	13.279	60.	80.	90.	100.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	01/23/73-12/04/73	66	25.	25.455	60.	5.	194.406	13.943	5.	10.	40.	40.
01067	NICKEL, TOTAL (UG/L AS NI)	05/04/71-12/04/73	75 ##	25.	36.8	590.	25.	4865.297	69.752	25.	25.	25.	25.
01077	SILVER, TOTAL (UG/L AS AG)	01/23/73-12/04/73	66 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01092	ZINC, TOTAL (UG/L AS ZN)	05/04/71-12/04/73	75	30.	32.	80.	5.	288.514	16.986	20.	20.	40.	60.
01105	ALUMINUM, TOTAL (UG/L AS AL)	01/23/73-12/04/73	66	1000.	1280.303	9000.	500.	1339759.907	1157.48	600.	700.	1500.	2600.
01147	SELENIUM, TOTAL (UG/L AS SE)	01/23/73-12/04/73	65 ##	0.5	0.854	5.	0.5	0.631	0.794	0.5	0.5	1.	2.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/23/73-12/04/73	36	30.	245.833	2370.	5.	278253.571	527.497	5.	10.	80.	1068.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/23/73-12/04/73	36	1.477	1.599	3.375	0.699	0.666	0.816	0.699	1.	1.903	3.024
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			39.682								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/23/73-12/04/73	36 ##	5.	17.778	290.	5.	2346.349	48.439	5.	5.	5.	33.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/23/73-12/04/73	36 ##	0.699	0.885	2.462	0.699	0.165	0.406	0.699	0.699	0.699	1.515
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			7.674								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/23/73-07/30/73	36 ##	0.5	3.361	14.	0.5	19.409	4.406	0.5	0.5	4.	12.3
46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	01/23/73-12/04/73	66	65.	66.394	81.	53.	52.427	7.241	57.4	61.	72.25	76.3
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/06/73-09/20/79	23	90.	94.348	110.	80.	80.237	8.958	80.	90.	100.	110.
71900	MERCURY, TOTAL (UG/L AS HG)	01/23/73-12/04/73	66 ##	0.1	0.321	1.9	0.1	0.116	0.341	0.1	0.1	0.5	0.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0286

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	77	0	0.00	38	0	0.00	24	0	0.00	15	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	176	0	0.00	77	0	0.00	61	0	0.00	38	0	0.00			
00400	PH	Fresh Chronic	9.	99	0	0.00	52	0	0.00	26	0	0.00	21	0	0.00			
		Other-Lo Lim.	6.5	99	6	0.06	52	6	0.12	26	0	0.00	21	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	77	0	0.00	38	0	0.00	24	0	0.00	15	0	0.00			
00722	CYANIDE, FREE (AMENABLE TO CHLORINATION)	Fresh Acute	0.022	66	0	0.00	30	0	0.00	24	0	0.00	12	0	0.00			
		Drinking Water	0.2	66	0	0.00	30	0	0.00	24	0	0.00	12	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	66	0	0.00	30	0	0.00	24	0	0.00	12	0	0.00			
		Drinking Water	250.	66	0	0.00	30	0	0.00	24	0	0.00	12	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	66	0	0.00	30	0	0.00	24	0	0.00	12	0	0.00			
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	66	0	0.00	30	0	0.00	24	0	0.00	12	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	66	0	0.00	30	0	0.00	24	0	0.00	12	0	0.00			
		Drinking Water	50.	66	0	0.00	30	0	0.00	24	0	0.00	12	0	0.00			
01007	BARIUM, TOTAL	Drinking Water	2000.	66	0	0.00	30	0	0.00	24	0	0.00	12	0	0.00			
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	66	0	0.00	30	0	0.00	24	0	0.00	12	0	0.00			
		Drinking Water	4.	0 &	0	0.00												
01027	CADMIUM, TOTAL	Fresh Acute	3.9	66	0	0.00	30	0	0.00	24	0	0.00	12	0	0.00			
		Drinking Water	5.	66	0	0.00	30	0	0.00	24	0	0.00	12	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	76	0	0.00	32	0	0.00	29	0	0.00	15	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	76	23	0.30	32	11	0.34	29	3	0.10	15	9	0.60			
		Drinking Water	1300.	76	0	0.00	32	0	0.00	29	0	0.00	15	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	66	0	0.00	30	0	0.00	24	0	0.00	12	0	0.00			
		Drinking Water	15.	66	6	0.09	30	4	0.13	24	1	0.04	12	1	0.08			
01067	NICKEL, TOTAL	Fresh Acute	1400.	75	0	0.00	31	0	0.00	29	0	0.00	15	0	0.00			
		Drinking Water	100.	75	3	0.04	31	3	0.10	29	0	0.00	15	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	100.	66	0	0.00	30	0	0.00	24	0	0.00	12	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	75	0	0.00	31	0	0.00	29	0	0.00	15	0	0.00			
		Drinking Water	5000.	75	0	0.00	31	0	0.00	29	0	0.00	15	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	65	0	0.00	29	0	0.00	24	0	0.00	12	0	0.00			
		Drinking Water	50.	65	0	0.00	29	0	0.00	24	0	0.00	12	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	36	3	0.08	18	1	0.06	12	1	0.08	6	1	0.17			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0286

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	36	1	0.03	18	0	0.00	12	1	0.08	6	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	66	0	0.00	30	0	0.00	24	0	0.00	12	0	0.00			
		Drinking Water	2.	66	0	0.00	30	0	0.00	24	0	0.00	12	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1971 - Station CHCH0286

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/04/71-09/20/79	15	3.	5.2	10.	3.	8.743	2.957	3.	3.	7.	10.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/04/71-09/20/79	15	17.6	19.327	24.1	16.3	12.499	3.535	16.3	16.3	24.1	24.1
00300	OXYGEN, DISSOLVED MG/L	05/04/71-09/20/79	15	8.4	7.473	9.	5.2	2.709	1.646	5.2	5.3	8.7	8.94

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station CHCH0286

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/04/71-09/20/79	20	3.	5.2	10.	3.	8.589	2.931	3.	3.	7.	10.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/04/71-09/20/79	20	16.55	16.385	24.7	7.9	36.1	6.008	8.01	9.825	22.55	24.57
00300	OXYGEN, DISSOLVED MG/L	05/04/71-09/20/79	20	8.	8.495	11.6	6.1	3.546	1.883	6.1	6.725	10.275	11.49

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1973 - Station CHCH0286

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/04/71-09/20/79	117	5.	6.214	18.	1.	21.963	4.686	1.	1.	11.	12.2
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/04/71-09/20/79	117	16.6	17.211	26.6	6.8	46.199	6.797	7.2	13.8	23.6	25.82
00300	OXYGEN, DISSOLVED MG/L	05/04/71-09/20/79	113	7.6	8.054	12.8	5.5	3.696	1.923	5.8	6.3	9.1	10.9

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station CHCH0286

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/04/71-09/20/79	28	7.	8.	20.	1.	29.185	5.402	1.	3.	13.	16.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/04/71-09/20/79	28	22.3	21.371	24.2	16.7	8.915	2.986	16.8	17.	23.9	24.2
00300	OXYGEN, DISSOLVED MG/L	05/04/71-09/20/79	28	7.4	7.793	9.6	6.4	1.354	1.164	6.49	7.1	9.5	9.51

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 6/01 to 10/31 - Station CHCH0286

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/04/71-09/20/79	77	5.	6.221	16.	1.	19.885	4.459	1.	3.	10.	12.2
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/04/71-09/20/79	77	24.2	23.913	26.6	20.7	2.654	1.629	21.6	22.8	24.95	26.32
00300	OXYGEN, DISSOLVED MG/L	05/04/71-09/20/79	77	6.3	6.378	7.6	5.2	0.434	0.659	5.6	5.85	6.9	7.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 2/29 - Station CHCH0286

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/04/71-09/20/79	64	5.	6.094	18.	1.	20.055	4.478	1.	3.	10.	12.5
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/04/71-09/20/79	64	13.7	11.327	16.6	6.8	16.627	4.078	6.9	7.2	15.3	16.4
00300	OXYGEN, DISSOLVED MG/L	05/04/71-09/20/79	61	9.6	9.549	12.8	7.5	2.418	1.555	7.52	8.1	10.85	11.32

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 3/01 to 5/31 - Station CHCH0286

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/04/71-09/20/79	39	5.	6.769	20.	1.	25.235	5.023	1.	3.	10.	14.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/04/71-09/20/79	39	17.6	17.013	18.9	14.4	2.652	1.628	14.4	14.7	18.6	18.8
00300	OXYGEN, DISSOLVED MG/L	05/04/71-09/20/79	38	8.9	8.861	9.6	7.	0.305	0.552	8.3	8.5	9.2	9.51

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: CHCH0287

NPS Station ID: CHCH0287
LAT/LON: 35.056392/ -85.288892
Agency: 21TNWQ
Date Created: / /
Location: TENNESSEE RIVER
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 003250 /333250 /233250
RMI-Indexes: 1021500 007720 00920
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 465.20
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER
ECO Region:
RF1 Index: 06020001006
RF1 Mile Point: 4.170
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 06020001000206.82
RF3 Mile Point: 6.86
Distance from RF3: 0.09
On/Off RF3:
Description:
TENNESSEE RIVER MILE 465.2 STATION LOCATED AT CHATTANOOGA WATERWORKS INTAKE

Parameter Inventory for Station: CHCH0287

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/01/76-01/01/85	105	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/01/72-06/03/75	30	18.	18.01	32.	8.	40.713	6.381	10.	12.5	24.	26.35
00060	FLOW, STREAM, MEAN DAILY CFS	02/13/74-06/03/75	14	37200.	46571.429	93700.	30200.	448240659.341	21171.695	31100.	32650.	52450.	90650.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/01/72-01/01/85	145	8.	12.19	128.	0.4	188.937	13.745	2.44	5.	15.5	24.4
00080	COLOR (PLATINUM-COBALT UNITS)	08/01/72-01/01/85	140	12.	15.211	74.	0.	194.831	13.958	1.5	3.25	23.	31.
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	08/01/72-01/01/85	141	46.	62.723	725.	0.5	5178.948	71.965	14.	26.	76.5	127.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/01/74-05/01/81	59	163.	160.169	213.	57.	564.729	23.764	137.	148.	173.	191.
00300	OXYGEN, DISSOLVED MG/L	08/01/72-06/03/75	30	8.45	8.273	10.9	4.7	3.205	1.79	5.92	6.925	10.	10.78
00310	BOD, 5 DAY, 20 DEG C MG/L	08/01/72-06/03/75	30	0.8	0.87	2.	0.3	0.233	0.482	0.4	0.5	0.925	1.97
00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	09/10/75-09/10/75	1	160779.	160779.	160779.	160779.	0.	0.	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	07/09/74-06/03/75	12	6.5	9.513	53.	0.15	193.652	13.916	0.705	4.25	8.	39.5
00400	PH (STANDARD UNITS)	08/01/72-06/03/75	29	7.5	7.486	7.8	7.1	0.018	0.136	7.4	7.4	7.5	7.6
00400	CONVERTED PH (STANDARD UNITS)	08/01/72-06/03/75	29	7.5	7.465	7.8	7.1	0.019	0.137	7.4	7.4	7.5	7.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/01/72-06/03/75	29	0.032	0.034	0.079	0.016	0.	0.012	0.025	0.032	0.04	0.04
00403	PH, LAB, STANDARD UNITS SU	08/07/73-07/01/80	67	7.5	7.418	7.9	6.6	0.087	0.295	6.98	7.2	7.6	7.8
00403	CONVERTED PH, LAB, STANDARD UNITS	08/07/73-07/01/80	67	7.5	7.304	7.9	6.6	0.1	0.316	6.98	7.2	7.6	7.8
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/07/73-07/01/80	67	0.032	0.05	0.251	0.013	0.002	0.045	0.016	0.025	0.063	0.105
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/01/72-01/01/85	145	60.	59.286	85.	0.5	159.461	12.628	48.	53.5	66.	75.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/01/72-01/01/85	144	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00437	ACIDITY, CO2 (PHENOLPHTHALEIN) (MG/L AS CACO3)	08/01/72-01/01/85	144	3.	3.903	89.	1.	53.263	7.298	2.	2.	4.	6.
00500	RESIDUE, TOTAL (MG/L)	08/01/72-01/01/85	144	114.5	116.778	281.	1.	694.286	26.349	93.	103.25	130.	142.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	08/01/72-01/01/85	143	100.	101.769	361.	15.	823.587	28.698	80.8	91.	111.	121.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/01/72-01/01/85	144	12.	17.368	211.	0.5	506.227	22.499	2.	6.	20.75	37.
00572	BIOMASS, PERIPHYTON (GRAMS PER SQUARE METER)	09/30/76-09/29/77	2	5.688	5.688	8.145	3.23	12.079	3.475	**	**	**	**
00573	BIOMASS, PERIPHYTON,DRY WEIGHT TOTAL (G/M2)	09/30/76-09/29/77	2	20.24	20.24	32.11	8.37	281.794	16.787	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/01/72-08/01/72	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/05/72-06/01/84	9	0.24	0.364	1.05	0.02	0.091	0.301	0.02	0.205	0.515	1.05
00621	NITRATE NITROGEN, BOTTOM DEPOS. (MG/KG-N DRY WGT)	09/10/75-09/10/75	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	09/10/75-09/10/75	1	2636.	2636.	2636.	2636.	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/07/73-01/01/85	136	0.39	0.443	5.1	0.07	0.204	0.452	0.25	0.313	0.458	0.556
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	03/12/73-01/01/85	140	0.4	0.548	10.	0.05	0.783	0.885	0.1	0.2	0.6	1.
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/05/72-01/01/85	146	0.1	0.119	0.92	0.003	0.016	0.126	0.03	0.06	0.13	0.2
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	09/10/75-09/10/75	1	581.	581.	581.	581.	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/12/73-01/01/85	104	3.05	4.231	28.	0.5	15.687	3.961	0.5	1.475	6.	7.4
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/01/72-01/01/85	145	69.	68.986	109.	9.	124.111	11.141	58.6	63.	76.	81.
00910	CALCIUM (MG/L AS CACO3)	08/01/72-01/01/85	144	50.	50.781	86.	15.	62.881	7.93	42.	46.	55.	59.35

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0287

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00920	MAGNESIUM (MG/L AS CACO3)	08/01/72-08/01/76	49	17.	17.502	26.	4.6	17.509	4.184	13.	14.5	20.	24.
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/01/76-01/01/85	95	4.4	4.112	8.1	0.8	1.135	1.065	2.56	3.5	4.8	5.04
00929	SODIUM, TOTAL (MG/L AS NA)	08/01/72-01/01/85	147	5.7	6.069	45.3	1.9	14.941	3.865	3.224	4.5	7.1	8.3
00934	SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	09/10/75-09/10/75	1	80.	80.	80.	80.	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	08/01/72-01/01/85	147	1.5	1.523	2.5	0.5	0.141	0.376	1.	1.3	1.8	2.
00938	POTASSIUM IN BOTTOM DEPOSITS (MG/KG AS K DRY WGT)	09/10/75-09/10/75	1	600.	600.	600.	600.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/05/72-01/01/85	141	8.	8.156	22.	1.	9.433	3.071	5.	6.	10.	12.
00945	SULFATE, TOTAL (MG/L AS SO4)	09/05/72-01/01/85	140	12.	12.607	30.	3.	21.607	4.648	8.	10.	15.	19.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/05/72-01/01/85	144	0.07	0.131	5.	0.025	0.179	0.423	0.05	0.05	0.1	0.15
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/01/74-01/01/85	112	5.25	5.272	19.2	0.5	3.432	1.853	3.56	4.6	5.9	6.67
01002	ARSENIC, TOTAL (UG/L AS AS)	03/12/73-06/01/80	68 ##	1.	1.375	10.	0.5	4.913	2.217	0.5	0.5	1.	2.
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	09/10/75-09/10/75	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	08/01/72-01/01/85	124	20.	31.581	740.	2.5	4443.847	66.662	5.	10.	40.	50.
01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	09/10/75-09/10/75	1	90.	90.	90.	90.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	03/12/73-01/01/85	123 ##	0.5	1.183	33.	0.5	16.034	4.004	0.5	0.5	0.5	1.
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/10/75-09/10/75	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/10/75-09/10/75	1	21.	21.	21.	21.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/12/73-01/01/85	116 ##	0.5	3.608	132.	0.5	195.951	13.998	0.5	0.5	2.	5.3
01037	COBALT, TOTAL (UG/L AS CO)	06/01/74-01/01/85	112 ##	5.	5.563	30.	0.5	21.879	4.677	2.5	2.5	5.	10.
01042	COPPER, TOTAL (UG/L AS CU)	03/12/73-01/01/85	123	52.	67.951	478.	2.	5576.604	74.677	9.4	28.	81.	119.8
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/10/75-09/10/75	1	32.	32.	32.	32.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	08/01/72-01/01/85	144	500.	715.174	7110.	8.	568474.816	753.973	190.	300.	900.	1500.
01051	LEAD, TOTAL (UG/L AS PB)	08/01/72-01/01/85	124 ##	5.	6.819	30.	2.5	32.201	5.675	2.5	2.5	10.	10.
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/10/75-09/10/75	1	310.	310.	310.	310.	0.	0.	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	09/10/75-09/10/75	1	798.	798.	798.	798.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	08/01/72-01/01/85	147	60.	71.993	580.	1.	4656.76	68.24	29.	48.	82.	100.4
01067	NICKEL, TOTAL (UG/L AS NI)	08/01/72-01/01/85	125 ##	5.	7.312	60.	0.5	72.632	8.522	2.5	2.5	10.	17.
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/10/75-09/10/75	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	06/01/74-01/01/85	113 ##	0.5	0.69	5.	0.5	0.568	0.754	0.5	0.5	0.5	1.
01092	ZINC, TOTAL (UG/L AS ZN)	08/01/72-01/01/85	125	14.	20.51	245.	0.5	585.182	24.191	5.6	10.	25.	41.8
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	09/10/75-09/10/75	1	291.	291.	291.	291.	0.	0.	**	**	**	**
01097	ANTIMONY, TOTAL (UG/L AS SB)	03/12/73-06/01/80	70 ##	0.5	2.764	30.	0.5	35.875	5.99	0.5	0.5	0.5	15.
01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	09/10/75-09/10/75	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	06/01/74-01/01/85	112	540.	1054.286	29700.	20.	7976329.215	2824.24	163.	332.5	1075.	2040.
01147	SELENIUM, TOTAL (UG/L AS SE)	08/01/74-06/01/80	57 ##	0.5	0.526	1.	0.5	0.013	0.113	0.5	0.5	0.5	0.5
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	09/10/75-09/10/75	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	09/10/75-09/10/75	1	11406.	11406.	11406.	11406.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/05/72-06/03/75	29	2800.	5898.	44000.	50.	91686623.429	9575.313	160.	555.	6333.5	16000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/05/72-06/03/75	29	3.447	3.305	4.643	1.699	0.551	0.742	2.204	2.742	3.802	4.204
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2019.573								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/05/72-06/03/75	28	38.5	332.625	3400.	1.5	590038.419	768.14	3.	13.	193.25	1596.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/05/72-06/03/75	28	1.585	1.693	3.531	0.176	0.781	0.884	0.477	1.114	2.285	3.201
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			49.369								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	05/01/73-06/03/75	25	32.	182.88	2700.	1.	293951.027	542.173	3.	13.	101.5	408.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	05/01/73-06/03/75	25	1.505	1.528	3.431	0.	0.567	0.753	0.477	1.113	1.984	2.556
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			33.729								
32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	09/29/77-09/29/77	1	125.72	125.72	125.72	125.72	0.	0.	**	**	**	**
32224	PHEOPHYTIN A MG/M2 SPECTROPHOTOMETRIC ACID METH	09/30/76-09/29/77	2	32.72	32.72	49.72	15.72	578.	24.042	**	**	**	**
32226	CHLOROPHYLL B, PERIPHYTON, SPECTRO, MG/M2	09/29/77-09/29/77	1	35.94	35.94	35.94	35.94	0.	0.	**	**	**	**
32227	CHLOROPHYLL C, PERIPHYTON SPECTO, MG/M2	09/29/77-09/29/77	1	28.34	28.34	28.34	28.34	0.	0.	**	**	**	**
32228	CHLOROPHYLL A, PERIPHYTON, SPECTRO, MG/M2	09/30/76-09/29/77	2	122.515	122.515	125.33	119.7	15.848	3.981	**	**	**	**
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	06/01/74-03/01/80	45 ##	0.015	0.025	0.14	0.01	0.001	0.023	0.015	0.015	0.018	0.054
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/01/83-05/01/83	1	68.	68.	68.	68.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	03/12/73-01/01/85	118 ##	0.1	0.382	22.	0.1	4.173	2.043	0.1	0.1	0.1	0.4
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/10/75-09/10/75	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0287

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	145	2	0.01	62	0	0.00	49	1	0.02	34	1	0.03			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	30	0	0.00	12	0	0.00	10	0	0.00	8	0	0.00			
00400	PH	Fresh Chronic	9.	29	0	0.00	11	0	0.00	10	0	0.00	8	0	0.00			
		Other-Lo Lim.	6.5	29	0	0.00	11	0	0.00	10	0	0.00	8	0	0.00			
00403	PH, LAB	Fresh Chronic	9.	67	0	0.00	31	0	0.00	21	0	0.00	15	0	0.00			
		Other-Lo Lim.	6.5	67	0	0.00	31	0	0.00	21	0	0.00	15	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	9	0	0.00	3	0	0.00	2	0	0.00	4	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	136	0	0.00	58	0	0.00	47	0	0.00	31	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	141	0	0.00	60	0	0.00	48	0	0.00	33	0	0.00			
		Drinking Water	250.	141	0	0.00	60	0	0.00	48	0	0.00	33	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	140	0	0.00	58	0	0.00	47	0	0.00	35	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	143 &	0	0.00	59	0	0.00	49	0	0.00	35	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	68	0	0.00	30	0	0.00	21	0	0.00	17	0	0.00			
		Drinking Water	50.	68	0	0.00	30	0	0.00	21	0	0.00	17	0	0.00			
01007	BARIUM, TOTAL	Drinking Water	2000.	124	0	0.00	54	0	0.00	41	0	0.00	29	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	123	2	0.02	52	1	0.02	42	0	0.00	29	1	0.03			
		Drinking Water	5.	123	2	0.02	52	1	0.02	42	0	0.00	29	1	0.03			
01034	CHROMIUM, TOTAL	Drinking Water	100.	116	1	0.01	51	0	0.00	39	1	0.03	26	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	123	101	0.82	52	46	0.88	42	32	0.76	29	23	0.79			
		Drinking Water	1300.	123	0	0.00	52	0	0.00	42	0	0.00	29	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	124	0	0.00	53	0	0.00	42	0	0.00	29	0	0.00			
		Drinking Water	15.	124	8	0.06	53	4	0.08	42	2	0.05	29	2	0.07			
01067	NICKEL, TOTAL	Fresh Acute	1400.	125	0	0.00	54	0	0.00	42	0	0.00	29	0	0.00			
		Drinking Water	100.	125	0	0.00	54	0	0.00	42	0	0.00	29	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	110 &	0	0.00	49	0	0.00	39	0	0.00	22	0	0.00			
		Drinking Water	100.	113	0	0.00	50	0	0.00	39	0	0.00	24	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	125	1	0.01	54	1	0.02	42	0	0.00	29	0	0.00			
		Drinking Water	5000.	125	0	0.00	54	0	0.00	42	0	0.00	29	0	0.00			
01097	ANTIMONY, TOTAL	Fresh Acute	88.	70	0	0.00	31	0	0.00	22	0	0.00	17	0	0.00			
		Drinking Water	6.	62 &	1	0.02	27	1	0.04	20	0	0.00	15	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	57	0	0.00	26	0	0.00	19	0	0.00	12	0	0.00			
		Drinking Water	50.	57	0	0.00	26	0	0.00	19	0	0.00	12	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	28 &	20	0.71	12	12	1.00	9	4	0.44	7	4	0.57			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	28	7	0.25	12	5	0.42	8	0	0.00	8	2	0.25			
71900	MERCURY, TOTAL	Fresh Acute	2.4	118	2	0.02	50	0	0.00	40	2	0.05	28	0	0.00			
		Drinking Water	2.	118	2	0.02	50	0	0.00	40	2	0.05	28	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1972 - Station CHCH0287

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/01/72-01/01/85	4	10.	9.875	15.	4.5	29.063	5.391	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/01/72-01/01/85	4	17.	17.	20.	14.	6.	2.449	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	08/01/72-01/01/85	4	46.	48.25	64.	37.	134.25	11.587	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/01/72-01/01/85	4	58.5	58.	60.	55.	4.667	2.16	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/01/72-01/01/85	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00437	ACIDITY, CO2 (PHENOLPHTHALEIN) (MG/L AS CACO3)	08/01/72-01/01/85	4	3.	3.	4.	2.	0.667	0.816	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	08/01/72-01/01/85	4	112.5	111.25	122.	98.	99.583	9.979	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	08/01/72-01/01/85	4	101.5	102.25	117.	89.	179.583	13.401	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/01/72-01/01/85	4	7.	9.	18.	4.	40.667	6.377	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/05/72-01/01/85	2	0.08	0.08	0.13	0.03	0.005	0.071	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/01/72-01/01/85	4	68.5	69.75	76.	66.	20.25	4.5	**	**	**	**
00910	CALCIUM (MG/L AS CACO3)	08/01/72-01/01/85	4	52.	51.5	54.	48.	9.	3.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	08/01/72-01/01/85	4	6.05	6.	7.1	4.8	1.487	1.219	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	08/01/72-01/01/85	4	1.3	1.275	1.6	0.9	0.109	0.33	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/05/72-01/01/85	2	9.	9.	9.	9.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/05/72-01/01/85	2	13.	13.	14.	12.	2.	1.414	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/05/72-01/01/85	2	0.075	0.075	0.1	0.05	0.001	0.035	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	08/01/72-01/01/85	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	08/01/72-01/01/85	4	450.	500.	700.	400.	20000.	141.421	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	08/01/72-01/01/85	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	08/01/72-01/01/85	4	100.	97.5	100.	90.	25.	5.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	08/01/72-01/01/85	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/01/72-01/01/85	1	30.	30.	30.	30.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1973 - Station CHCH0287

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/01/72-01/01/85	8	10.	13.85	36.	3.	119.666	10.939	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/01/72-01/01/85	8	27.	32.375	71.	11.	438.268	20.935	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	08/01/72-01/01/85	8	67.	91.25	238.	26.	4904.786	70.034	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/07/73-07/01/80	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/07/73-07/01/80	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/07/73-07/01/80	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/01/72-01/01/85	8	52.	53.75	64.	46.	35.357	5.946	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/01/72-01/01/85	7	0.	0.	0.	0.	0.	0.	**	**	**	**
00437	ACIDITY, CO2 (PHENOLPHTHALEIN) (MG/L AS CACO3)	08/01/72-01/01/85	8	2.	2.375	4.	1.	0.839	0.916	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	08/01/72-01/01/85	8	118.5	115.	136.	89.	253.143	15.91	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	08/01/72-01/01/85	8	101.	99.875	117.	75.	203.554	14.267	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/01/72-01/01/85	8	12.5	15.125	44.	6.	147.554	12.147	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/07/73-01/01/85	5	0.42	0.414	0.5	0.31	0.005	0.073	**	**	**	**
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	03/12/73-01/01/85	5	0.7	0.78	1.6	0.3	0.237	0.487	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/05/72-01/01/85	9	0.11	0.116	0.28	0.003	0.007	0.081	0.003	0.06	0.16	0.28
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/12/73-01/01/85	2	5.	5.	5.	5.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/01/72-01/01/85	8	62.5	62.625	72.	51.	57.696	7.596	**	**	**	**
00910	CALCIUM (MG/L AS CACO3)	08/01/72-01/01/85	8	44.	45.	53.	38.	24.857	4.986	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	08/01/72-01/01/85	8	4.75	4.825	7.4	2.8	2.488	1.577	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	08/01/72-01/01/85	8	1.25	1.4	2.4	1.	0.206	0.454	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/05/72-01/01/85	9	7.	6.889	9.	5.	3.111	1.764	5.	5.	9.	9.
00945	SULFATE, TOTAL (MG/L AS SO4)	09/05/72-01/01/85	9	9.	11.556	30.	6.	53.028	7.282	6.	7.5	12.	30.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/05/72-01/01/85	9	0.1	0.075	0.1	0.025	0.001	0.038	0.025	0.025	0.1	0.1
01002	ARSENIC, TOTAL (UG/L AS AS)	03/12/73-06/01/80	2 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	08/01/72-01/01/85	2	38.	38.	38.	38.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	03/12/73-01/01/85	2 ##	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/12/73-01/01/85	2 ##	7.25	7.25	14.	0.5	91.125	9.546	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	03/12/73-01/01/85	2	15.	15.	25.	5.	200.	14.142	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1973 - Station CHCH0287

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01045	IRON, TOTAL (UG/L AS FE)	08/01/72-01/01/85	8	800.	953.75	2200.	300.	392683.929	626.645	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	08/01/72-01/01/85	2	8.5	8.5	10.	7.	4.5	2.121	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	08/01/72-01/01/85	8	80.	77.	100.	50.	266.286	16.318	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	08/01/72-01/01/85	2 ##	5.25	5.25	10.	0.5	45.125	6.718	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/01/72-01/01/85	2	24.5	24.5	30.	19.	60.5	7.778	**	**	**	**
01097	ANTIMONY, TOTAL (UG/L AS SB)	03/12/73-06/01/80	2 ##	17.5	17.5	25.	10.	112.5	10.607	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	03/12/73-01/01/85	2 ##	0.15	0.15	0.2	0.1	0.005	0.071	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station CHCH0287

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/01/72-01/01/85	18	7.5	9.367	32.	4.	40.74	6.383	4.09	6.	10.5	17.6
00080	COLOR (PLATINUM-COBALT UNITS)	08/01/72-01/01/85	18	16.5	17.278	52.	0.	150.212	12.256	0.	7.	23.	31.3
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	08/01/72-01/01/85	18	49.	57.556	157.	19.	1175.556	34.286	25.3	37.5	67.25	126.4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/01/74-05/01/81	5	165.	167.8	181.	148.	182.7	13.517	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/07/73-07/01/80	6	7.6	7.55	7.9	7.2	0.055	0.235	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/07/73-07/01/80	6	7.6	7.497	7.9	7.2	0.058	0.241	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/07/73-07/01/80	6	0.025	0.032	0.063	0.013	0.	0.018	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/01/72-01/01/85	18	55.	55.722	66.	48.	35.624	5.969	48.	50.75	62.	64.2
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/01/72-01/01/85	18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00437	ACIDITY, CO2 (PHENOLPHTHALEIN) (MG/L AS CACO3)	08/01/72-01/01/85	18	3.	3.444	6.	2.	2.026	1.423	2.	2.	5.	6.
00500	RESIDUE, TOTAL (MG/L)	08/01/72-01/01/85	16	111.5	108.688	119.	82.	101.696	10.084	91.8	103.25	116.5	119.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	08/01/72-01/01/85	16	103.	100.563	116.	80.	122.263	11.057	82.1	91.	110.25	113.9
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/01/72-01/01/85	16	7.	8.125	24.	2.	30.65	5.536	2.	4.	11.	16.3
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/07/73-01/01/85	18	0.4	0.403	0.68	0.07	0.016	0.126	0.241	0.36	0.463	0.581
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	03/12/73-01/01/85	17	0.4	0.441	0.8	0.1	0.036	0.191	0.18	0.3	0.6	0.72
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/05/72-01/01/85	16	0.105	0.134	0.41	0.02	0.013	0.113	0.027	0.063	0.153	0.396
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/12/73-01/01/85	6	2.2	2.417	4.7	0.5	3.082	1.755	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/01/72-01/01/85	18	65.	67.056	85.	56.	69.35	8.328	56.9	61.75	71.	85.
00910	CALCIUM (MG/L AS CACO3)	08/01/72-01/01/85	18	48.	48.667	62.	36.	44.824	6.695	40.5	43.5	52.25	62.
00929	SODIUM, TOTAL (MG/L AS NA)	08/01/72-01/01/85	18	6.85	6.217	11.8	3.2	5.519	2.349	3.29	4.	7.525	9.19
00937	POTASSIUM, TOTAL MG/L AS K)	08/01/72-01/01/85	18	1.6	1.6	1.8	1.3	0.028	0.168	1.3	1.475	1.725	1.8
00940	CHLORIDE,TOTAL IN WATER MG/L	09/05/72-01/01/85	17	8.	8.882	22.	4.	22.985	4.794	4.	6.	10.	18.8
00945	SULFATE, TOTAL (MG/L AS SO4)	09/05/72-01/01/85	16	11.	13.25	22.	7.	31.8	5.639	7.7	8.	18.75	22.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/05/72-01/01/85	17	0.1	0.089	0.12	0.025	0.001	0.026	0.025	0.085	0.1	0.112
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/01/74-01/01/85	5	4.3	4.3	5.9	2.6	2.025	1.423	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	03/12/73-06/01/80	7	1.	3.714	10.	1.	18.571	4.309	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	08/01/72-01/01/85	8	22.5	26.25	55.	10.	176.786	13.296	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	03/12/73-01/01/85	7 ##	0.5	0.857	3.	0.5	0.893	0.945	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/12/73-01/01/85	7	1.	4.071	18.	0.5	40.619	6.373	**	**	**	**
01037	COBALT, TOTAL (UG/L AS CO)	06/01/74-01/01/85	5 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	03/12/73-01/01/85	7	60.	85.429	265.	2.	8410.286	91.708	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	08/01/72-01/01/85	18	500.	636.667	1800.	400.	125847.059	354.749	400.	400.	670.	1260.
01051	LEAD, TOTAL (UG/L AS PB)	08/01/72-01/01/85	7 ##	5.	5.357	10.	2.5	11.31	3.363	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	08/01/72-01/01/85	18	57.	82.722	580.	20.	15678.33	125.213	29.	46.25	60.5	139.
01067	NICKEL, TOTAL (UG/L AS NI)	08/01/72-01/01/85	8 ##	2.5	3.438	10.	2.5	7.031	2.652	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	06/01/74-01/01/85	6 ##	0.5	0.583	1.	0.5	0.042	0.204	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/01/72-01/01/85	8	11.	39.625	245.	6.	6892.554	83.021	**	**	**	**
01097	ANTIMONY, TOTAL (UG/L AS SB)	03/12/73-06/01/80	8 ##	15.	12.063	30.	1.5	92.96	9.642	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	06/01/74-01/01/85	5	350.	430.	790.	200.	49050.	221.472	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	08/01/74-06/01/80	4 ##	0.5	0.625	1.	0.5	0.063	0.25	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	03/12/73-01/01/85	8 ##	0.1	0.263	1.	0.1	0.097	0.311	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station CHCH0287

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/01/72-01/01/85	15	10.	11.993	32.	1.8	67.332	8.206	2.52	5.1	18.	26.6
00080	COLOR (PLATINUM-COBALT UNITS)	08/01/72-01/01/85	11	21.	20.136	57.	1.	271.605	16.48	1.1	3.	30.	51.6
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	08/01/72-01/01/85	12	67.5	67.583	180.	13.	2142.992	46.292	14.2	29.25	93.25	155.7
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/01/74-05/01/81	5	145.	146.	175.	130.	342.5	18.507	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/07/73-07/01/80	10	7.45	7.3	7.8	6.7	0.144	0.38	6.71	6.875	7.6	7.78
00403	CONVERTED PH, LAB, STANDARD UNITS	08/07/73-07/01/80	10	7.447	7.145	7.8	6.7	0.171	0.414	6.71	6.875	7.6	7.78
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/07/73-07/01/80	10	0.036	0.072	0.2	0.016	0.004	0.065	0.017	0.025	0.134	0.195
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/01/72-01/01/85	15	61.	60.667	84.	39.	197.667	14.059	42.	48.	69.	84.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/01/72-01/01/85	15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00437	ACIDITY, CO2 (PHENOLPHTHALEIN) (MG/L AS CACO3)	08/01/72-01/01/85	14	3.5	3.5	7.	2.	2.269	1.506	2.	2.	4.25	6.
00500	RESIDUE, TOTAL (MG/L)	08/01/72-01/01/85	15	104.	105.6	135.	82.	311.543	17.651	83.2	92.	122.	133.2
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	08/01/72-01/01/85	15	93.	92.6	124.	69.	207.257	14.396	73.2	80.	101.	115.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/01/72-01/01/85	15	10.	13.	32.	2.	72.571	8.519	2.6	7.	19.	27.2
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/07/73-01/01/85	16	0.425	0.516	2.3	0.3	0.231	0.48	0.307	0.34	0.458	1.04
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	03/12/73-01/01/85	16	0.45	0.438	0.8	0.1	0.032	0.178	0.17	0.3	0.5	0.73
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/05/72-01/01/85	18	0.095	0.157	0.66	0.01	0.033	0.181	0.01	0.063	0.185	0.588
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/12/73-01/01/85	11	5.4	5.427	13.	0.5	11.	3.317	0.98	2.9	7.4	11.88
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/01/72-01/01/85	15	64.	64.	82.	51.	58.143	7.625	52.8	60.	68.	76.
00910	CALCIUM (MG/L AS CACO3)	08/01/72-01/01/85	14	47.	47.	56.	37.	30.154	5.491	38.	43.5	50.	56.
00929	SODIUM, TOTAL (MG/L AS NA)	08/01/72-01/01/85	15	5.7	4.807	6.3	2.2	2.296	1.515	2.32	3.	6.1	6.24
00937	POTASSIUM, TOTAL MG/L AS K)	08/01/72-01/01/85	15	1.6	1.553	2.	1.1	0.086	0.292	1.1	1.3	1.8	1.94
00940	CHLORIDE,TOTAL IN WATER MG/L	09/05/72-01/01/85	13	6.	6.692	14.	4.	6.897	2.626	4.4	5.	8.	12.
00945	SULFATE, TOTAL (MG/L AS SO4)	09/05/72-01/01/85	14	12.5	11.929	25.	3.	25.764	5.076	5.	8.75	14.	20.5
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/05/72-01/01/85	15	0.07	0.078	0.15	0.025	0.001	0.027	0.046	0.06	0.09	0.12
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/01/74-01/01/85	9	5.9	6.144	8.8	4.2	1.463	1.209	4.2	5.65	6.45	8.8
01002	ARSENIC, TOTAL (UG/L AS AS)	03/12/73-06/01/80	12	1.	1.	3.	0.5	0.455	0.674	0.5	0.5	1.	2.4
01007	BARIUM, TOTAL (UG/L AS BA)	08/01/72-01/01/85	12	30.	90.833	740.	10.	41971.97	204.871	13.	22.5	47.5	536.
01027	CADMIUM, TOTAL (UG/L AS CD)	03/12/73-01/01/85	13 ##	0.5	0.577	1.	0.5	0.035	0.188	0.5	0.5	0.5	1.
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/12/73-01/01/85	6	1.5	3.083	10.	0.5	13.042	3.611	**	**	**	**
01037	COBALT, TOTAL (UG/L AS CO)	06/01/74-01/01/85	6 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	03/12/73-01/01/85	13	66.	68.077	110.	11.	784.244	28.004	24.6	49.5	94.5	108.
01045	IRON, TOTAL (UG/L AS FE)	08/01/72-01/01/85	15	600.	710.	1900.	80.	236271.429	486.078	152.	300.	900.	1540.
01051	LEAD, TOTAL (UG/L AS PB)	08/01/72-01/01/85	13 ##	2.5	9.038	30.	2.5	81.811	9.045	2.5	2.5	15.	26.
01055	MANGANESE, TOTAL (UG/L AS MN)	08/01/72-01/01/85	15	59.	59.267	93.	40.	230.21	15.173	40.	46.	69.	85.2
01067	NICKEL, TOTAL (UG/L AS NI)	08/01/72-01/01/85	13 ##	2.5	4.231	10.	2.5	10.817	3.289	2.5	2.5	6.25	10.
01077	SILVER, TOTAL (UG/L AS AG)	06/01/74-01/01/85	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/01/72-01/01/85	13	19.	21.615	49.	10.	109.756	10.476	11.2	14.	26.	43.
01097	ANTIMONY, TOTAL (UG/L AS SB)	03/12/73-06/01/80	11 ##	0.5	3.273	15.	0.5	33.818	5.815	0.5	0.5	2.	15.
01105	ALUMINUM, TOTAL (UG/L AS AL)	06/01/74-01/01/85	6	495.	728.333	1800.	330.	311976.667	558.549	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	08/01/74-06/01/80	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	03/12/73-01/01/85	11 ##	0.1	0.218	0.4	0.1	0.02	0.14	0.1	0.1	0.4	0.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station CHCH0287

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/01/76-01/01/85	12	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/01/72-01/01/85	9	10.	8.667	19.	1.1	29.803	5.459	1.1	4.15	11.5	19.
00080	COLOR (PLATINUM-COBALT UNITS)	08/01/72-01/01/85	9	12.	15.444	45.	1.5	226.215	15.04	1.5	3.25	27.5	45.
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	08/01/72-01/01/85	9	43.	52.333	128.	10.	1626.	40.324	10.	15.5	84.5	128.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/01/74-05/01/81	10	153.	155.	178.	136.	208.222	14.43	136.3	139.75	169.25	177.2
00403	PH, LAB, STANDARD UNITS SU	08/07/73-07/01/80	11	7.5	7.455	7.7	6.8	0.073	0.27	6.9	7.3	7.7	7.7
00403	CONVERTED PH, LAB, STANDARD UNITS	08/07/73-07/01/80	11	7.5	7.358	7.7	6.8	0.083	0.288	6.9	7.3	7.7	7.7
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/07/73-07/01/80	11	0.032	0.044	0.158	0.02	0.002	0.04	0.02	0.02	0.05	0.137
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/01/72-01/01/85	9	54.	54.778	74.	21.	217.944	14.763	21.	52.5	65.	74.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/01/72-01/01/85	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station CHCH0287

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00437	ACIDITY, CO2 (PHENOLPHTHALEIN) (MG/L AS CACO3)	08/01/72-01/01/85	9	3.	2.667	4.	1.	1.	1.	1.	2.	3.5	4.
00500	RESIDUE, TOTAL (MG/L)	08/01/72-01/01/85	10	98.5	104.5	170.	86.	569.833	23.871	86.4	93.	104.25	163.5
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	08/01/72-01/01/85	10	91.	90.5	100.	82.	54.056	7.352	82.	82.75	97.75	100.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/01/72-01/01/85	10	9.5	15.	70.	1.	398.222	19.956	1.2	4.5	14.75	64.7
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/07/73-01/01/85	11	0.32	0.351	0.5	0.23	0.009	0.094	0.234	0.26	0.44	0.488
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	03/12/73-01/01/85	11	0.4	0.609	2.1	0.2	0.317	0.563	0.2	0.2	0.8	1.88
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/05/72-01/01/85	10	0.12	0.131	0.31	0.02	0.008	0.09	0.024	0.06	0.175	0.304
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/12/73-01/01/85	7	5.5	5.686	13.8	0.5	17.441	4.176	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/01/72-01/01/85	9	62.	65.222	79.	59.	46.694	6.833	59.	60.5	71.	79.
00910	CALCIUM (MG/L AS CACO3)	08/01/72-01/01/85	9	46.	47.222	59.	42.	28.944	5.38	42.	43.	50.	59.
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/01/76-01/01/85	4	4.5	4.425	4.9	3.8	0.209	0.457	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	08/01/72-01/01/85	11	6.1	6.218	8.3	4.6	1.52	1.233	4.66	5.1	7.6	8.18
00937	POTASSIUM, TOTAL MG/L AS K)	08/01/72-01/01/85	11	1.6	1.645	2.	1.5	0.027	0.163	1.5	1.5	1.8	1.96
00940	CHLORIDE,TOTAL IN WATER MG/L	09/05/72-01/01/85	9	5.	6.667	11.	2.	8.5	2.915	2.	5.	9.	11.
00945	SULFATE, TOTAL (MG/L AS SO4)	09/05/72-01/01/85	8	11.5	14.25	23.	10.	26.786	5.175	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/05/72-01/01/85	11	0.1	0.167	0.9	0.08	0.059	0.243	0.08	0.08	0.1	0.742
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/01/74-01/01/85	8	5.15	5.237	6.4	4.4	0.471	0.686	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	03/12/73-06/01/80	9 ##	0.5	0.722	1.	0.5	0.069	0.264	0.5	0.5	1.	1.
01007	BARIUM, TOTAL (UG/L AS BA)	08/01/72-01/01/85	10	30.	30.	50.	10.	222.222	14.907	10.	17.5	42.5	50.
01027	CADMIUM, TOTAL (UG/L AS CD)	03/12/73-01/01/85	10 ##	0.5	0.65	1.	0.5	0.058	0.242	0.5	0.5	1.	1.
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/12/73-01/01/85	10	1.	1.2	3.	0.5	0.733	0.856	0.5	0.5	2.	2.9
01037	COBALT, TOTAL (UG/L AS CO)	06/01/74-01/01/85	10 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01042	COPPER, TOTAL (UG/L AS CU)	03/12/73-01/01/85	10	79.	77.3	122.	12.	901.122	30.019	16.	61.75	96.	120.
01045	IRON, TOTAL (UG/L AS FE)	08/01/72-01/01/85	11	390.	455.455	1000.	80.	70607.273	265.72	110.	290.	600.	960.
01051	LEAD, TOTAL (UG/L AS PB)	08/01/72-01/01/85	10 ##	6.25	6.25	10.	2.5	15.625	3.953	2.5	2.5	10.	10.
01055	MANGANESE, TOTAL (UG/L AS MN)	08/01/72-01/01/85	11	53.	47.727	72.	3.	349.218	18.687	7.2	48.	55.	69.6
01067	NICKEL, TOTAL (UG/L AS NI)	08/01/72-01/01/85	10 ##	6.25	7.75	25.	2.5	50.625	7.115	2.5	2.5	10.	23.5
01077	SILVER, TOTAL (UG/L AS AG)	06/01/74-01/01/85	10 ##	0.5	0.6	1.	0.5	0.044	0.211	0.5	0.5	0.625	1.
01092	ZINC, TOTAL (UG/L AS ZN)	08/01/72-01/01/85	10	18.5	18.5	31.	12.	30.278	5.503	12.1	13.75	20.5	30.1
01097	ANTIMONY, TOTAL (UG/L AS SB)	03/12/73-06/01/80	11 ##	0.5	0.545	1.	0.5	0.023	0.151	0.5	0.5	0.5	0.9
01105	ALUMINUM, TOTAL (UG/L AS AL)	06/01/74-01/01/85	10	590.	703.	2400.	110.	420978.889	648.829	121.	302.5	800.	2249.
01147	SELENIUM, TOTAL (UG/L AS SE)	08/01/74-06/01/80	9 ##	0.5	0.556	1.	0.5	0.028	0.167	0.5	0.5	0.5	1.
71900	MERCURY, TOTAL (UG/L AS HG)	03/12/73-01/01/85	7 ##	0.1	0.314	1.3	0.1	0.195	0.441	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station CHCH0287

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/01/76-01/01/85	13	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/01/72-01/01/85	11	15.	16.118	44.	2.6	147.51	12.145	3.02	5.	19.	41.2
00080	COLOR (PLATINUM-COBALT UNITS)	08/01/72-01/01/85	10	26.	21.8	45.	3.	256.178	16.006	3.	3.	35.	44.6
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	08/01/72-01/01/85	10	64.	70.3	150.	19.	2170.456	46.588	19.2	23.25	107.5	148.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/01/74-05/01/81	10	165.5	167.9	200.	150.	186.767	13.666	150.5	161.	174.	197.7
00403	PH, LAB, STANDARD UNITS SU	08/07/73-07/01/80	11	7.2	7.164	7.5	6.6	0.081	0.284	6.66	7.	7.5	7.5
00403	CONVERTED PH, LAB, STANDARD UNITS	08/07/73-07/01/80	11	7.2	7.074	7.5	6.6	0.089	0.299	6.66	7.	7.5	7.5
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/07/73-07/01/80	11	0.063	0.084	0.251	0.032	0.004	0.064	0.032	0.032	0.1	0.226
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/01/72-01/01/85	11	58.	58.	64.	51.	14.6	3.821	51.6	56.	62.	63.6
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/01/72-01/01/85	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00437	ACIDITY, CO2 (PHENOLPHTHALEIN) (MG/L AS CACO3)	08/01/72-01/01/85	11	4.	3.636	6.	2.	2.255	1.502	2.	2.	4.	6.
00500	RESIDUE, TOTAL (MG/L)	08/01/72-01/01/85	11	112.	111.273	123.	97.	55.218	7.431	98.2	104.	116.	122.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	08/01/72-01/01/85	11	99.	96.364	108.	79.	75.855	8.709	80.4	88.	102.	107.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/01/72-01/01/85	11	13.	14.909	28.	3.	55.491	7.449	3.8	9.	21.	27.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/07/73-01/01/85	11	0.38	0.805	5.1	0.22	2.04	1.428	0.228	0.33	0.44	4.202
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	03/12/73-01/01/85	11	0.6	0.614	1.	0.05	0.097	0.312	0.08	0.4	0.9	1.
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/05/72-01/01/85	11	0.11	0.165	0.78	0.01	0.044	0.209	0.016	0.1	0.14	0.658
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/12/73-01/01/85	10	4.	5.	15.	0.5	17.278	4.157	0.65	2.	7.	14.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station CHCH0287

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/01/72-01/01/85	11	65.	66.	78.	56.	28.8	5.367	57.4	63.	69.	76.2
00910	CALCIUM (MG/L AS CACO3)	08/01/72-01/01/85	11	49.	48.636	59.	40.	20.455	4.523	41.2	46.	50.	57.2
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/01/76-01/01/85	11	4.3	4.3	4.9	3.6	0.168	0.41	3.62	3.9	4.6	4.84
00929	SODIUM, TOTAL (MG/L AS NA)	08/01/72-01/01/85	11	5.7	9.082	45.3	3.7	145.314	12.055	3.82	4.5	6.7	37.58
00937	POTASSIUM, TOTAL MG/L AS K)	08/01/72-01/01/85	11	1.6	1.727	2.4	1.1	0.206	0.454	1.14	1.3	2.3	2.38
00940	CHLORIDE,TOTAL IN WATER MG/L	09/05/72-01/01/85	11	8.	7.364	9.	5.	1.655	1.286	5.2	6.	8.	9.
00945	SULFATE, TOTAL (MG/L AS SO4)	09/05/72-01/01/85	11	10.	10.636	13.	8.	2.255	1.502	8.2	10.	12.	12.8
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/05/72-01/01/85	10	0.065	0.071	0.12	0.025	0.001	0.03	0.028	0.05	0.095	0.119
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/01/74-01/01/85	11	5.8	5.773	6.8	4.7	0.54	0.735	4.74	5.1	6.6	6.78
01002	ARSENIC, TOTAL (UG/L AS AS)	03/12/73-06/01/80	11 ##	0.5	0.727	1.	0.5	0.068	0.261	0.5	0.5	1.	1.
01007	BARIUM, TOTAL (UG/L AS BA)	08/01/72-01/01/85	11	20.	25.909	60.	2.5	342.841	18.516	2.5	10.	40.	58.
01027	CADMIUM, TOTAL (UG/L AS CD)	03/12/73-01/01/85	11	1.	0.818	1.	0.5	0.064	0.252	0.5	0.5	1.	1.
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/12/73-01/01/85	11	1.	1.364	3.	0.5	0.755	0.869	0.5	0.5	2.	2.8
01037	COBALT, TOTAL (UG/L AS CO)	06/01/74-01/01/85	11 ##	2.5	8.636	30.	2.5	81.705	9.039	2.5	2.5	10.	28.
01042	COPPER, TOTAL (UG/L AS CU)	03/12/73-01/01/85	11	54.	58.182	87.	13.	450.764	21.231	19.2	47.	73.	86.
01045	IRON, TOTAL (UG/L AS FE)	08/01/72-01/01/85	11	390.	759.818	2400.	8.	527420.364	726.237	24.4	300.	1300.	2220.
01051	LEAD, TOTAL (UG/L AS PB)	08/01/72-01/01/85	11 ##	2.5	5.227	10.	2.5	14.318	3.784	2.5	2.5	10.	10.
01055	MANGANESE, TOTAL (UG/L AS MN)	08/01/72-01/01/85	11	69.	105.364	530.	7.	20414.455	142.879	15.2	48.	82.	444.4
01067	NICKEL, TOTAL (UG/L AS NI)	08/01/72-01/01/85	11	10.	6.591	10.	2.5	15.341	3.917	2.5	2.5	10.	10.
01077	SILVER, TOTAL (UG/L AS AG)	06/01/74-01/01/85	11 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
01092	ZINC, TOTAL (UG/L AS ZN)	08/01/72-01/01/85	11	13.	17.682	44.	0.5	204.114	14.287	2.	9.	25.	44.
01097	ANTIMONY, TOTAL (UG/L AS SB)	03/12/73-06/01/80	11 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
01105	ALUMINUM, TOTAL (UG/L AS AL)	06/01/74-01/01/85	11	930.	1257.273	3400.	20.	1135781.818	1065.731	104.	480.	1900.	3300.
01147	SELENIUM, TOTAL (UG/L AS SE)	08/01/74-06/01/80	11 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
71900	MERCURY, TOTAL (UG/L AS HG)	03/12/73-01/01/85	11 ##	0.1	0.173	0.4	0.1	0.01	0.101	0.1	0.1	0.2	0.38

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station CHCH0287

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/01/76-01/01/85	10	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/01/72-01/01/85	10	7.8	11.52	33.	2.2	81.202	9.011	2.61	6.3	17.25	31.5
00080	COLOR (PLATINUM-COBALT UNITS)	08/01/72-01/01/85	10	10.	11.15	28.	1.	87.447	9.351	1.05	2.625	18.75	27.6
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	08/01/72-01/01/85	10	44.5	56.7	166.	5.	2247.567	47.409	6.2	23.75	78.25	159.4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/01/74-05/01/81	10	177.	176.3	213.	143.	661.122	25.712	143.3	150.5	198.	211.8
00403	PH, LAB, STANDARD UNITS SU	08/07/73-07/01/80	10	7.6	7.57	7.9	7.2	0.042	0.206	7.22	7.4	7.725	7.89
00403	CONVERTED PH, LAB, STANDARD UNITS	08/07/73-07/01/80	10	7.6	7.526	7.9	7.2	0.045	0.211	7.22	7.4	7.725	7.89
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/07/73-07/01/80	10	0.025	0.03	0.063	0.013	0.	0.015	0.013	0.019	0.04	0.061
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/01/72-01/01/85	10	62.	61.4	68.	56.	16.489	4.061	56.	57.5	65.	67.7
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/01/72-01/01/85	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00437	ACIDITY, CO2 (PHENOLPHTHALEIN) (MG/L AS CACO3)	08/01/72-01/01/85	10	2.	2.2	4.	1.	0.844	0.919	1.	1.75	3.	3.9
00500	RESIDUE, TOTAL (MG/L)	08/01/72-01/01/85	10	121.5	121.8	150.	99.	258.4	16.075	99.3	107.25	134.25	148.5
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	08/01/72-01/01/85	10	104.	105.4	124.	88.	166.267	12.894	88.3	93.25	118.25	123.5
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/01/72-01/01/85	10	11.5	16.4	46.	2.	188.489	13.729	2.1	6.	23.5	44.5
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/07/73-01/01/85	10	0.27	0.321	0.53	0.18	0.016	0.128	0.182	0.208	0.445	0.523
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	03/12/73-01/01/85	10	0.2	0.22	0.4	0.05	0.021	0.146	0.05	0.088	0.4	0.4
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/05/72-01/01/85	10	0.08	0.111	0.35	0.04	0.009	0.096	0.04	0.048	0.133	0.335
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/12/73-01/01/85	9	3.	4.	7.	1.	4.5	2.121	1.	2.5	6.	7.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/01/72-01/01/85	10	70.5	70.8	80.	63.	32.178	5.673	63.1	66.25	76.	79.6
00910	CALCIUM (MG/L AS CACO3)	08/01/72-01/01/85	10	49.	50.1	58.	46.	14.322	3.784	46.	47.5	52.5	57.6
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/01/76-01/01/85	10	3.15	3.67	5.9	2.4	1.816	1.347	2.41	2.5	4.825	5.89
00929	SODIUM, TOTAL (MG/L AS NA)	08/01/72-01/01/85	10	5.05	5.61	10.4	3.1	4.517	2.125	3.14	4.25	6.55	10.12
00937	POTASSIUM, TOTAL MG/L AS K)	08/01/72-01/01/85	10	1.2	1.35	2.	0.8	0.201	0.448	0.81	0.975	1.9	1.99
00940	CHLORIDE,TOTAL IN WATER MG/L	09/05/72-01/01/85	10	7.5	8.3	12.	6.	4.456	2.111	6.	6.75	10.25	11.9
00945	SULFATE, TOTAL (MG/L AS SO4)	09/05/72-01/01/85	10	12.5	14.2	30.	9.	40.844	6.391	9.	9.75	17.25	28.8
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/05/72-01/01/85	10 ##	0.05	0.129	0.77	0.05	0.051	0.226	0.05	0.05	0.068	0.705

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station CHCH0287

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/01/74-01/01/85	9	4.9	5.1	6.	4.1	0.405	0.636	4.1	4.7	5.75	6.
01002	ARSENIC, TOTAL (UG/L AS AS)	03/12/73-06/01/80	10	1.	0.9	2.	0.5	0.211	0.459	0.5	0.5	1.	1.9
01007	BARIUM, TOTAL (UG/L AS BA)	08/01/72-01/01/85	10	30.	26.5	50.	2.5	310.	17.607	2.5	8.125	40.	49.
01027	CADMIUM, TOTAL (UG/L AS CD)	03/12/73-01/01/85	10 ##	0.5	1.	3.	0.5	1.111	1.054	0.5	0.5	1.125	3.
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/12/73-01/01/85	10 ##	0.75	1.25	3.	0.5	0.847	0.92	0.5	0.5	2.	2.9
01037	COBALT, TOTAL (UG/L AS CO)	06/01/74-01/01/85	10	10.	8.75	20.	2.5	28.125	5.303	2.5	2.5	10.	19.
01042	COPPER, TOTAL (UG/L AS CU)	03/12/73-01/01/85	10	76.5	85.7	168.	40.	1575.567	39.693	40.6	51.25	110.25	164.1
01045	IRON, TOTAL (UG/L AS FE)	08/01/72-01/01/85	10	445.	536.	1000.	220.	72137.778	268.585	228.	307.5	800.	980.
01051	LEAD, TOTAL (UG/L AS PB)	08/01/72-01/01/85	10 ##	2.5	5.5	10.	2.5	15.	3.873	2.5	2.5	10.	10.
01055	MANGANESE, TOTAL (UG/L AS MN)	08/01/72-01/01/85	10	70.5	67.3	106.	15.	697.789	26.416	18.1	49.	85.25	104.9
01067	NICKEL, TOTAL (UG/L AS NI)	08/01/72-01/01/85	10 ##	2.5	6.75	20.	2.5	54.236	7.365	2.5	2.5	12.5	20.
01077	SILVER, TOTAL (UG/L AS AG)	06/01/74-01/01/85	10 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
01092	ZINC, TOTAL (UG/L AS ZN)	08/01/72-01/01/85	10	14.5	16.9	28.	10.	44.767	6.691	10.	11.5	24.25	27.7
01097	ANTIMONY, TOTAL (UG/L AS SB)	03/12/73-06/01/80	10 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
01105	ALUMINUM, TOTAL (UG/L AS AL)	06/01/74-01/01/85	10	525.	621.	1200.	250.	108810.	329.864	253.	377.5	897.5	1190.
01147	SELENIUM, TOTAL (UG/L AS SE)	08/01/74-06/01/80	10 ##	0.5	0.55	1.	0.5	0.025	0.158	0.5	0.5	0.5	0.95
71900	MERCURY, TOTAL (UG/L AS HG)	03/12/73-01/01/85	9 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station CHCH0287

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/01/76-01/01/85	12	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/01/72-01/01/85	12	12.5	14.142	27.	1.6	72.661	8.524	3.07	7.	23.	27.
00080	COLOR (PLATINUM-COBALT UNITS)	08/01/72-01/01/85	12	14.	15.583	31.	3.	74.629	8.639	3.	10.5	24.	28.9
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	08/01/72-01/01/85	12	78.5	87.833	172.	33.	2721.606	52.169	33.	37.25	134.	172.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/01/74-05/01/81	12	158.	155.917	179.	137.	206.265	14.362	137.3	141.75	165.5	178.4
00403	PH, LAB, STANDARD UNITS SU	08/07/73-07/01/80	12	7.4	7.458	7.9	7.2	0.044	0.211	7.2	7.3	7.6	7.84
00403	CONVERTED PH, LAB, STANDARD UNITS	08/07/73-07/01/80	12	7.4	7.416	7.9	7.2	0.046	0.215	7.2	7.3	7.6	7.84
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/07/73-07/01/80	12	0.04	0.038	0.063	0.013	0.	0.016	0.015	0.025	0.05	0.063
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/01/72-01/01/85	12	61.5	63.	77.	55.	51.636	7.186	55.3	57.25	66.5	76.4
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/01/72-01/01/85	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00437	ACIDITY, CO2 (PHENOLPHTHALEIN) (MG/L AS CACO3)	08/01/72-01/01/85	12	3.5	3.417	7.	1.	2.629	1.621	1.3	2.	4.	6.4
00500	RESIDUE, TOTAL (MG/L)	08/01/72-01/01/85	12	123.5	116.667	134.	91.	233.879	15.293	93.4	101.25	129.5	133.7
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	08/01/72-01/01/85	12	94.	96.167	122.	75.	137.424	11.723	78.9	90.	102.25	117.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/01/72-01/01/85	12	17.	20.5	44.	3.	140.091	11.836	5.1	11.75	30.	41.6
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/07/73-01/01/85	12	0.375	0.417	0.95	0.25	0.031	0.176	0.271	0.34	0.43	0.797
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	03/12/73-01/01/85	12	0.4	0.408	1.	0.05	0.08	0.284	0.05	0.2	0.65	0.91
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/05/72-01/01/85	12	0.075	0.085	0.14	0.05	0.001	0.03	0.05	0.07	0.1	0.14
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/12/73-01/01/85	12	3.5	4.167	9.	0.5	8.652	2.941	0.5	1.25	7.	8.4
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/01/72-01/01/85	12	66.	67.167	78.	58.	37.242	6.103	58.6	62.5	72.	77.4
00910	CALCIUM (MG/L AS CACO3)	08/01/72-01/01/85	12	50.	49.5	57.	42.	28.636	5.351	42.3	43.5	53.75	56.7
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/01/76-01/01/85	12	4.35	3.933	5.1	2.1	1.084	1.041	2.25	3.	4.85	5.07
00929	SODIUM, TOTAL (MG/L AS NA)	08/01/72-01/01/85	12	5.3	4.9	7.8	2.3	2.955	1.719	2.42	3.25	5.85	7.56
00937	POTASSIUM, TOTAL MG/L AS K)	08/01/72-01/01/85	12	1.65	1.45	1.9	0.6	0.183	0.427	0.69	1.05	1.8	1.87
00940	CHLORIDE,TOTAL IN WATER MG/L	09/05/72-01/01/85	12	9.	8.417	13.	5.	5.72	2.392	5.	6.25	9.75	12.4
00945	SULFATE, TOTAL (MG/L AS SO4)	09/05/72-01/01/85	12	9.	9.333	15.	5.	7.697	2.774	5.3	7.25	11.5	14.1
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/05/72-01/01/85	12 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/01/74-01/01/85	12	5.7	5.592	6.6	5.1	0.197	0.444	5.1	5.15	5.775	6.42
01002	ARSENIC, TOTAL (UG/L AS AS)	03/12/73-06/01/80	12 ##	0.5	0.75	2.	0.5	0.205	0.452	0.5	0.5	1.	1.7
01007	BARIUM, TOTAL (UG/L AS BA)	08/01/72-01/01/85	12	20.	21.667	50.	10.	142.424	11.934	10.	12.5	20.	47.
01027	CADMIUM, TOTAL (UG/L AS CD)	03/12/73-01/01/85	12 ##	0.5	0.625	1.	0.5	0.051	0.226	0.5	0.5	0.875	1.
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/12/73-01/01/85	12 ##	0.5	1.042	3.	0.5	0.884	0.94	0.5	0.5	1.	3.
01037	COBALT, TOTAL (UG/L AS CO)	06/01/74-01/01/85	12 ##	2.5	7.292	30.	2.5	64.157	8.01	2.5	2.5	10.	24.
01042	COPPER, TOTAL (UG/L AS CU)	03/12/73-01/01/85	12	81.5	84.	127.	42.	749.455	27.376	43.5	59.	107.	124.3
01045	IRON, TOTAL (UG/L AS FE)	08/01/72-01/01/85	12	850.	932.5	2400.	260.	403765.909	635.426	260.	417.5	1350.	2130.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station CHCH0287

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01051	LEAD, TOTAL (UG/L AS PB)	08/01/72-01/01/85	12 ##	2.5	5.	10.	2.5	13.636	3.693	2.5	2.5	10.	10.
01055	MANGANESE, TOTAL (UG/L AS MN)	08/01/72-01/01/85	12	66.	89.833	213.	37.	2726.333	52.214	41.2	60.	107.75	200.1
01067	NICKEL, TOTAL (UG/L AS NI)	08/01/72-01/01/85	12 ##	2.5	6.042	20.	2.5	47.112	6.864	2.5	2.5	8.125	20.
01077	SILVER, TOTAL (UG/L AS AG)	06/01/74-01/01/85	12 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
01092	ZINC, TOTAL (UG/L AS ZN)	08/01/72-01/01/85	12	15.	20.667	45.	4.	192.606	13.878	4.6	7.75	33.5	43.2
01097	ANTIMONY, TOTAL (UG/L AS SB)	03/12/73-06/01/80	12 ##	0.5	0.583	1.	0.5	0.038	0.195	0.5	0.5	0.5	1.
01105	ALUMINUM, TOTAL (UG/L AS AL)	06/01/74-01/01/85	12	1065.	1160.833	2800.	390.	427335.606	653.709	411.	762.5	1450.	2470.
01147	SELENIUM, TOTAL (UG/L AS SE)	08/01/74-06/01/80	12 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
71900	MERCURY, TOTAL (UG/L AS HG)	03/12/73-01/01/85	12 ##	0.1	0.117	0.3	0.1	0.003	0.058	0.1	0.1	0.1	0.24

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station CHCH0287

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/01/76-01/01/85	11	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/01/72-01/01/85	11	5.3	12.864	52.	2.9	293.619	17.135	3.	3.5	9.6	50.
00080	COLOR (PLATINUM-COBALT UNITS)	08/01/72-01/01/85	11	5.	13.227	74.	1.5	430.768	20.755	1.8	3.	12.	62.6
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	08/01/72-01/01/85	11	31.	57.727	243.	12.	4884.818	69.891	13.8	24.	50.	221.4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/01/74-05/01/81	6	159.5	138.	172.	57.	2012.4	44.86	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/07/73-07/01/80	6	7.55	7.483	7.8	7.	0.074	0.271	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/07/73-07/01/80	6	7.547	7.402	7.8	7.	0.082	0.286	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/07/73-07/01/80	6	0.028	0.04	0.1	0.016	0.001	0.031	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/01/72-01/01/85	11	60.	60.818	79.	20.	272.964	16.522	26.2	56.	77.	78.8
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/01/72-01/01/85	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00437	ACIDITY, CO2 (PHENOLPHTHALEIN) (MG/L AS CACO3)	08/01/72-01/01/85	11	3.	3.	5.	2.	0.8	0.894	2.	2.	3.	4.8
00500	RESIDUE, TOTAL (MG/L)	08/01/72-01/01/85	11	110.	113.091	154.	52.	682.491	26.125	61.8	103.	131.	150.8
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	08/01/72-01/01/85	11	102.	95.818	127.	45.	724.164	26.91	46.	91.	120.	126.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/01/72-01/01/85	11	6.	17.273	68.	1.	564.818	23.766	1.2	2.	18.	66.4
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/07/73-01/01/85	11	0.36	0.38	0.71	0.26	0.017	0.129	0.262	0.27	0.41	0.66
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	03/12/73-01/01/85	11	0.3	0.405	1.2	0.05	0.138	0.372	0.06	0.1	0.6	1.14
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/05/72-01/01/85	11	0.1	0.095	0.2	0.03	0.002	0.045	0.034	0.06	0.12	0.184
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/12/73-01/01/85	11	3.	6.545	28.	0.5	67.823	8.235	0.5	1.	11.	25.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/01/72-01/01/85	11	73.	67.909	83.	25.	271.491	16.477	30.4	68.	76.	83.
00910	CALCIUM (MG/L AS CACO3)	08/01/72-01/01/85	11	50.	47.273	60.	15.	145.618	12.067	19.6	47.	55.	59.
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/01/76-01/01/85	11	4.4	3.991	4.7	1.4	0.995	0.997	1.74	3.7	4.7	4.7
00929	SODIUM, TOTAL (MG/L AS NA)	08/01/72-01/01/85	11	5.	5.027	8.3	1.9	3.346	1.829	2.06	4.2	6.4	7.94
00937	POTASSIUM, TOTAL MG/L AS K)	08/01/72-01/01/85	11	1.3	1.391	1.8	0.9	0.063	0.251	0.98	1.3	1.5	1.8
00940	CHLORIDE,TOTAL IN WATER MG/L	09/05/72-01/01/85	11	8.	8.	14.	4.	9.4	3.066	4.	5.	10.	13.4
00945	SULFATE, TOTAL (MG/L AS SO4)	09/05/72-01/01/85	11	11.	11.727	17.	7.	10.818	3.289	7.4	9.	15.	16.8
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/05/72-01/01/85	11 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/01/74-01/01/85	11	4.9	4.809	6.5	3.5	0.959	0.979	3.54	3.8	5.4	6.4
01002	ARSENIC, TOTAL (UG/L AS AS)	03/12/73-06/01/80	5 ##	0.5	0.6	1.	0.5	0.05	0.224	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	08/01/72-01/01/85	11	30.	25.	50.	5.	260.	16.125	5.	5.	40.	48.
01027	CADMIUM, TOTAL (UG/L AS CD)	03/12/73-01/01/85	11 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/12/73-01/01/85	11 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
01037	COBALT, TOTAL (UG/L AS CO)	06/01/74-01/01/85	11 ##	5.	4.773	10.	2.5	4.318	2.078	2.5	2.5	5.	9.
01042	COPPER, TOTAL (UG/L AS CU)	03/12/73-01/01/85	11	49.	64.182	229.	26.	3198.364	56.554	26.2	39.	66.	197.8
01045	IRON, TOTAL (UG/L AS FE)	08/01/72-01/01/85	11	260.	594.545	2200.	130.	603587.273	776.909	132.	180.	500.	2180.
01051	LEAD, TOTAL (UG/L AS PB)	08/01/72-01/01/85	11 ##	5.	4.545	5.	2.5	1.023	1.011	2.5	5.	5.	5.
01055	MANGANESE, TOTAL (UG/L AS MN)	08/01/72-01/01/85	11	57.	64.636	120.	35.	775.455	27.847	36.6	47.	83.	118.
01067	NICKEL, TOTAL (UG/L AS NI)	08/01/72-01/01/85	11 ##	5.	4.545	5.	2.5	1.023	1.011	2.5	5.	5.	5.
01077	SILVER, TOTAL (UG/L AS AG)	06/01/74-01/01/85	11 ##	0.5	0.545	1.	0.5	0.023	0.151	0.5	0.5	0.5	0.9
01092	ZINC, TOTAL (UG/L AS ZN)	08/01/72-01/01/85	11	7.	15.182	67.	3.	337.164	18.362	3.	4.	18.	57.8
01097	ANTIMONY, TOTAL (UG/L AS SB)	03/12/73-06/01/80	5 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	06/01/74-01/01/85	11	540.	686.364	2100.	220.	257405.455	507.351	250.	420.	810.	1862.
01147	SELENIUM, TOTAL (UG/L AS SE)	08/01/74-06/01/80	5 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station CHCH0287

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71900	MERCURY, TOTAL (UG/L AS HG)	03/12/73-01/01/85	11 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station CHCH0287

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/01/76-01/01/85	12	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/01/72-01/01/85	12	4.95	7.783	18.	0.4	34.803	5.899	1.27	3.425	13.95	17.4
00080	COLOR (PLATINUM-COBALT UNITS)	08/01/72-01/01/85	12	10.	8.958	17.	1.5	27.93	5.285	1.95	3.	14.	16.1
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	08/01/72-01/01/85	12	28.	35.	72.	14.	389.091	19.725	14.	17.5	51.5	69.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/01/74-05/01/81	1	190.	190.	190.	190.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/01/72-01/01/85	12	66.5	59.458	85.	0.5	552.157	23.498	9.05	54.25	72.75	83.5
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/01/72-01/01/85	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00437	ACIDITY, CO2 (PHENOLPHTHALEIN) (MG/L AS CACO3)	08/01/72-01/01/85	12	4.	10.5	89.	2.	612.455	24.748	2.	2.	4.75	63.8
00500	RESIDUE, TOTAL (MG/L)	08/01/72-01/01/85	12	134.5	126.75	157.	1.	1735.841	41.663	35.2	127.	151.75	156.7
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	08/01/72-01/01/85	12	123.	116.75	154.	15.	1229.114	35.059	41.7	112.25	137.25	150.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/01/72-01/01/85	12	17.	21.417	100.	0.5	732.765	27.07	0.5	2.25	26.75	78.4
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/07/73-01/01/85	12	0.39	0.375	0.5	0.21	0.008	0.089	0.219	0.303	0.428	0.494
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	03/12/73-01/01/85	12	0.35	1.317	10.	0.2	7.669	2.769	0.2	0.2	1.025	7.48
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/05/72-01/01/85	12	0.075	0.076	0.11	0.04	0.001	0.023	0.043	0.053	0.1	0.107
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/12/73-01/01/85	8	4.	3.938	8.	0.5	5.888	2.427	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/01/72-01/01/85	12	78.5	72.583	92.	9.	445.72	21.112	26.7	70.25	81.	89.9
00910	CALCIUM (MG/L AS CACO3)	08/01/72-01/01/85	12	56.5	56.833	65.	52.	17.242	4.152	52.3	53.	60.25	64.1
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/01/76-01/01/85	12	4.7	4.667	8.1	2.6	1.908	1.381	2.87	3.625	5.	7.38
00929	SODIUM, TOTAL (MG/L AS NA)	08/01/72-01/01/85	12	8.55	9.033	14.6	4.6	6.619	2.573	5.23	7.475	10.375	13.82
00937	POTASSIUM, TOTAL MG/L AS K)	08/01/72-01/01/85	12	1.8	1.717	2.5	0.8	0.212	0.461	0.95	1.4	2.1	2.38
00940	CHLORIDE,TOTAL IN WATER MG/L	09/05/72-01/01/85	12	11.5	11.5	15.	7.	3.727	1.931	7.9	11.	12.75	14.4
00945	SULFATE, TOTAL (MG/L AS SO4)	09/05/72-01/01/85	12	15.	15.333	23.	11.	14.242	3.774	11.	13.	16.5	22.7
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/05/72-01/01/85	12 ##	0.07	0.085	0.2	0.05	0.002	0.046	0.05	0.05	0.108	0.176
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/01/74-01/01/85	12	4.35	4.408	8.	2.4	2.132	1.46	2.58	3.25	5.	7.25
01007	BARIUM, TOTAL (UG/L AS BA)	08/01/72-01/01/85	12	10.	22.083	90.	5.	642.992	25.357	5.	5.	37.5	75.
01027	CADMIUM, TOTAL (UG/L AS CD)	03/12/73-01/01/85	12 ##	0.5	0.583	1.	0.5	0.038	0.195	0.5	0.5	0.5	1.
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/12/73-01/01/85	12 ##	0.5	0.792	4.	0.5	1.021	1.01	0.5	0.5	0.5	2.95
01037	COBALT, TOTAL (UG/L AS CO)	06/01/74-01/01/85	12 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01042	COPPER, TOTAL (UG/L AS CU)	03/12/73-01/01/85	12	47.5	44.833	60.	23.	189.97	13.783	24.5	29.25	58.75	59.7
01045	IRON, TOTAL (UG/L AS FE)	08/01/72-01/01/85	12	285.	390.	1100.	130.	90418.182	300.696	133.	210.	410.	1040.
01051	LEAD, TOTAL (UG/L AS PB)	08/01/72-01/01/85	12 ##	5.	5.833	10.	5.	3.788	1.946	5.	5.	5.	10.
01055	MANGANESE, TOTAL (UG/L AS MN)	08/01/72-01/01/85	12	56.5	57.583	82.	21.	301.538	17.365	27.3	46.25	72.5	80.5
01067	NICKEL, TOTAL (UG/L AS NI)	08/01/72-01/01/85	12 ##	5.	5.417	10.	5.	2.083	1.443	5.	5.	5.	8.5
01077	SILVER, TOTAL (UG/L AS AG)	06/01/74-01/01/85	12 ##	0.5	0.667	2.	0.5	0.197	0.444	0.5	0.5	0.5	1.7
01092	ZINC, TOTAL (UG/L AS ZN)	08/01/72-01/01/85	12	14.	14.75	43.	4.	113.841	10.67	4.3	7.5	15.	37.9
01105	ALUMINUM, TOTAL (UG/L AS AL)	06/01/74-01/01/85	12	405.	446.667	1200.	100.	90624.242	301.039	118.	215.	550.	1068.
71900	MERCURY, TOTAL (UG/L AS HG)	03/12/73-01/01/85	12 ##	0.1	0.183	1.	0.1	0.067	0.259	0.1	0.1	0.1	0.76

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station CHCH0287

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/01/76-01/01/85	12	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/01/72-01/01/85	12	6.55	9.008	25.	1.	62.835	7.927	1.24	3.175	10.75	24.7
00080	COLOR (PLATINUM-COBALT UNITS)	08/01/72-01/01/85	12	10.	10.417	33.	1.5	98.402	9.92	1.5	3.	12.	30.9
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	08/01/72-01/01/85	12	28.5	42.125	104.	1.5	1102.188	33.199	4.65	21.	58.75	103.4
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/01/72-01/01/85	12	64.5	61.083	81.	8.	340.265	18.446	21.2	58.75	69.5	79.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station CHCH0287

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/01/72-01/01/85	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00437	ACIDITY, CO2 (PHENOLPHTHALEIN) (MG/L AS CACO3)	08/01/72-01/01/85	12	3.5	3.25	6.	2.	1.659	1.288	2.	2.	4.	5.4
00500	RESIDUE, TOTAL (MG/L)	08/01/72-01/01/85	12	127.	130.5	171.	113.	314.273	17.728	113.3	115.25	139.25	165.6
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	08/01/72-01/01/85	12	115.	111.083	125.	93.	79.538	8.918	95.4	105.	117.	122.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/01/72-01/01/85	12	15.	19.5	66.	0.5	367.136	19.161	0.5	6.	33.	57.6
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/07/73-01/01/85	12	0.37	0.418	0.75	0.25	0.02	0.141	0.259	0.325	0.518	0.69
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	03/12/73-01/01/85	12	0.3	0.417	0.9	0.2	0.058	0.241	0.2	0.2	0.65	0.84
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/05/72-01/01/85	12	0.06	0.059	0.14	0.02	0.001	0.034	0.02	0.025	0.07	0.125
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/12/73-01/01/85	11	2.	3.182	12.	0.5	12.714	3.566	0.5	1.	5.	11.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/01/72-01/01/85	12	79.	77.833	98.	62.	108.515	10.417	62.	69.75	85.25	94.4
00910	CALCIUM (MG/L AS CACO3)	08/01/72-01/01/85	12	59.	58.917	75.	43.	74.447	8.628	45.4	52.75	63.25	73.8
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/01/76-01/01/85	12	4.	3.425	5.	0.8	1.624	1.274	1.16	2.4	4.475	4.85
00929	SODIUM, TOTAL (MG/L AS NA)	08/01/72-01/01/85	12	4.85	4.958	7.	2.1	2.268	1.506	2.46	3.725	6.	7.
00937	POTASSIUM, TOTAL MG/L AS K)	08/01/72-01/01/85	12	1.3	1.333	2.	0.5	0.241	0.491	0.59	1.	1.875	2.
00940	CHLORIDE,TOTAL IN WATER MG/L	09/05/72-01/01/85	12	8.	9.083	13.	6.	6.265	2.503	6.3	7.25	12.	13.
00945	SULFATE, TOTAL (MG/L AS SO4)	09/05/72-01/01/85	12	13.	14.667	22.	10.	14.606	3.822	10.3	12.	18.75	21.1
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/05/72-01/01/85	12	0.145	0.166	0.6	0.05	0.022	0.147	0.05	0.063	0.183	0.483
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/01/74-01/01/85	12	4.95	5.117	6.8	2.	1.842	1.357	2.57	4.55	6.4	6.77
01007	BARIUM, TOTAL (UG/L AS BA)	08/01/72-01/01/85	12	20.	25.	80.	5.	563.636	23.741	5.	5.	30.	74.
01027	CADMIUM, TOTAL (UG/L AS CD)	03/12/73-01/01/85	12 ##	0.5	0.708	2.	0.5	0.203	0.45	0.5	0.5	0.875	1.7
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/12/73-01/01/85	12 ##	0.5	1.25	4.	0.5	1.477	1.215	0.5	0.5	2.	3.7
01037	COBALT, TOTAL (UG/L AS CO)	06/01/74-01/01/85	12 ##	5.	6.25	10.	5.	5.114	2.261	5.	5.	8.75	10.
01042	COPPER, TOTAL (UG/L AS CU)	03/12/73-01/01/85	12	35.5	140.083	478.	5.	37339.72	193.235	6.2	10.5	354.	472.6
01045	IRON, TOTAL (UG/L AS FE)	08/01/72-01/01/85	12	295.	561.667	1700.	70.	334215.152	578.113	73.	127.5	935.	1670.
01051	LEAD, TOTAL (UG/L AS PB)	08/01/72-01/01/85	12 ##	7.5	10.833	30.	5.	67.424	8.211	5.	5.	17.5	27.
01055	MANGANESE, TOTAL (UG/L AS MN)	08/01/72-01/01/85	12	67.5	69.917	168.	3.	2522.811	50.228	5.1	23.75	92.25	159.3
01067	NICKEL, TOTAL (UG/L AS NI)	08/01/72-01/01/85	12 ##	7.5	13.333	60.	5.	246.97	15.715	5.	5.	17.5	48.
01077	SILVER, TOTAL (UG/L AS AG)	06/01/74-01/01/85	12 ##	0.5	0.625	1.	0.5	0.051	0.226	0.5	0.5	0.875	1.
01092	ZINC, TOTAL (UG/L AS ZN)	08/01/72-01/01/85	12	13.5	22.308	57.	0.7	369.777	19.23	1.99	6.75	42.25	54.
01105	ALUMINUM, TOTAL (UG/L AS AL)	06/01/74-01/01/85	12	380.	657.5	2900.	100.	596965.909	772.636	118.	200.	842.5	2372.
71900	MERCURY, TOTAL (UG/L AS HG)	03/12/73-01/01/85	12 ##	0.1	2.258	22.	0.1	39.768	6.306	0.1	0.1	0.275	16.54

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station CHCH0287

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/01/76-01/01/85	12	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/01/72-01/01/85	12	6.25	7.292	20.	0.4	45.504	6.746	0.58	1.5	12.9	19.1
00080	COLOR (PLATINUM-COBALT UNITS)	08/01/72-01/01/85	12	4.	5.625	19.	0.5	35.051	5.92	0.5	0.5	10.	16.9
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	08/01/72-01/01/85	12	33.5	36.042	84.	0.5	796.021	28.214	1.55	13.25	61.	81.6
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/01/72-01/01/85	12	65.5	63.	78.	35.	168.364	12.976	38.3	55.	72.75	77.4
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/01/72-01/01/85	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00437	ACIDITY, CO2 (PHENOLPHTHALEIN) (MG/L AS CACO3)	08/01/72-01/01/85	12	2.5	3.25	7.	1.	3.659	1.913	1.	2.	5.	6.4
00500	RESIDUE, TOTAL (MG/L)	08/01/72-01/01/85	12	110.	116.333	156.	89.	391.697	19.791	93.2	104.25	127.75	154.2
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	08/01/72-01/01/85	11	103.	123.545	361.	63.	6423.473	80.147	68.8	96.	118.	312.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/01/72-01/01/85	12	10.5	12.167	34.	2.	105.424	10.268	2.	3.25	16.25	32.2
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/07/73-01/01/85	12	0.435	0.438	0.65	0.23	0.018	0.134	0.239	0.325	0.548	0.632
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	03/12/73-01/01/85	12	0.3	0.471	1.2	0.05	0.144	0.379	0.065	0.15	0.675	1.17
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/05/72-01/01/85	12	0.11	0.111	0.19	0.03	0.003	0.052	0.033	0.065	0.158	0.184
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/12/73-01/01/85	6 ##	0.5	1.167	4.	0.5	1.967	1.402	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/01/72-01/01/85	12	74.5	72.75	81.	59.	39.114	6.254	60.8	69.	77.75	80.1
00910	CALCIUM (MG/L AS CACO3)	08/01/72-01/01/85	12	55.5	54.233	58.	44.	15.89	3.986	45.8	53.	57.	57.94
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/01/76-01/01/85	12	4.8	4.358	5.7	2.8	0.841	0.917	2.86	3.575	4.975	5.55
00929	SODIUM, TOTAL (MG/L AS NA)	08/01/72-01/01/85	12	6.5	6.15	9.1	2.3	3.863	1.965	2.72	4.9	7.525	8.83
00937	POTASSIUM, TOTAL MG/L AS K)	08/01/72-01/01/85	12	1.5	1.525	2.1	0.9	0.131	0.362	0.99	1.225	1.8	2.07
00940	CHLORIDE,TOTAL IN WATER MG/L	09/05/72-01/01/85	12	7.	7.917	12.	1.	8.447	2.906	2.8	7.	10.75	11.7

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station CHCH0287

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00945	SULFATE, TOTAL (MG/L AS SO4)	09/05/72-01/01/85	12	12.5	12.583	17.	8.	6.992	2.644	8.6	10.25	14.75	16.7
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/05/72-01/01/85	12 ##	0.085	0.123	0.35	0.05	0.009	0.095	0.05	0.05	0.193	0.308
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/01/74-01/01/85	12	4.4	4.075	6.7	0.5	3.178	1.783	0.95	2.575	5.4	6.37
01007	BARIUM, TOTAL (UG/L AS BA)	08/01/72-01/01/85	12 ##	5.	19.583	60.	5.	452.083	21.262	5.	5.	42.5	57.
01027	CADMIUM, TOTAL (UG/L AS CD)	03/12/73-01/01/85	12 ##	0.5	5.875	33.	0.5	149.142	12.212	0.5	0.5	1.	32.4
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/12/73-01/01/85	12	2.5	3.25	8.	0.5	8.477	2.912	0.5	0.5	6.	7.7
01037	COBALT, TOTAL (UG/L AS CO)	06/01/74-01/01/85	12 ##	5.	5.833	10.	5.	3.788	1.946	5.	5.	5.	10.
01042	COPPER, TOTAL (UG/L AS CU)	03/12/73-01/01/85	12	25.5	26.	62.	8.	274.545	16.569	8.3	11.5	32.5	58.1
01045	IRON, TOTAL (UG/L AS FE)	08/01/72-01/01/85	12	650.	705.	1650.	220.	159227.273	399.033	235.	380.	900.	1485.
01051	LEAD, TOTAL (UG/L AS PB)	08/01/72-01/01/85	12 ##	5.	7.5	30.	5.	52.273	7.23	5.	5.	5.	24.
01055	MANGANESE, TOTAL (UG/L AS MN)	08/01/72-01/01/85	12	46.5	49.833	91.	20.	436.697	20.897	21.5	37.75	65.5	87.1
01067	NICKEL, TOTAL (UG/L AS NI)	08/01/72-01/01/85	12 ##	5.	7.917	20.	5.	20.265	4.502	5.	5.	10.	17.
01077	SILVER, TOTAL (UG/L AS AG)	06/01/74-01/01/85	12 ##	0.5	0.583	1.	0.5	0.038	0.195	0.5	0.5	0.5	1.
01092	ZINC, TOTAL (UG/L AS ZN)	08/01/72-01/01/85	12	24.	25.583	50.	10.	174.992	13.228	10.3	13.25	37.5	47.3
01105	ALUMINUM, TOTAL (UG/L AS AL)	06/01/74-01/01/85	12	415.	684.167	1700.	100.	349026.515	590.785	106.	205.	1350.	1628.
71900	MERCURY, TOTAL (UG/L AS HG)	03/12/73-01/01/85	12 ##	0.1	0.133	0.5	0.1	0.013	0.115	0.1	0.1	0.1	0.38

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station CHCH0287

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/01/76-01/01/85	10	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/01/72-01/01/85	10	16.	25.8	128.	0.5	1455.58	38.152	0.66	5.325	25.	119.8
00080	COLOR (PLATINUM-COBALT UNITS)	08/01/72-01/01/85	10	12.5	16.85	45.	0.5	163.447	12.785	1.25	8.75	25.	43.
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	08/01/72-01/01/85	10	57.5	122.6	725.	8.	45940.489	214.337	8.2	27.25	97.	663.1
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/01/72-01/01/85	10	58.5	57.	70.	39.	81.333	9.018	40.	49.	62.75	69.5
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/01/72-01/01/85	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00437	ACIDITY, CO2 (PHENOLPHTHALEIN) (MG/L AS CACO3)	08/01/72-01/01/85	10	6.	5.4	8.	2.	3.6	1.897	2.2	4.	6.5	8.
00500	RESIDUE, TOTAL (MG/L)	08/01/72-01/01/85	10	126.	132.5	281.	56.	3400.722	58.316	60.5	101.75	143.	267.5
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	08/01/72-01/01/85	10	96.5	88.8	113.	34.	478.178	21.867	38.6	81.5	100.5	111.9
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/01/72-01/01/85	10	21.	42.5	211.	2.	3744.944	61.196	2.2	13.	44.25	194.4
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/07/73-01/01/85	5	0.51	0.422	0.64	0.16	0.049	0.222	**	**	**	**
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	03/12/73-01/01/85	10	0.35	0.65	1.9	0.05	0.427	0.653	0.05	0.238	1.225	1.87
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/05/72-01/01/85	10	0.105	0.189	0.92	0.025	0.071	0.266	0.029	0.06	0.175	0.856
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/12/73-01/01/85	10	2.	2.74	5.5	1.	2.909	1.706	1.	1.75	4.925	5.45
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/01/72-01/01/85	10	71.	69.5	86.	53.	96.278	9.812	53.2	62.5	75.25	85.
00910	CALCIUM (MG/L AS CACO3)	08/01/72-01/01/85	10	53.5	51.17	63.	37.	69.378	8.329	37.3	43.	56.175	62.67
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/01/76-01/01/85	10	4.25	4.38	5.3	3.4	0.417	0.646	3.44	3.875	5.025	5.28
00929	SODIUM, TOTAL (MG/L AS NA)	08/01/72-01/01/85	10	5.65	5.668	7.5	3.23	2.472	1.572	3.268	4.353	7.275	7.5
00937	POTASSIUM, TOTAL MG/L AS K)	08/01/72-01/01/85	10	1.395	1.526	2.3	1.16	0.135	0.368	1.161	1.283	1.7	2.27
00940	CHLORIDE,TOTAL IN WATER MG/L	09/05/72-01/01/85	10	7.	6.4	10.	2.	8.933	2.989	2.1	3.75	9.25	10.
00945	SULFATE, TOTAL (MG/L AS SO4)	09/05/72-01/01/85	10	10.	11.3	20.	5.	18.233	4.27	5.3	9.5	14.5	19.6
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/05/72-01/01/85	10 ##	0.06	0.572	5.	0.05	2.422	1.556	0.05	0.05	0.153	4.516
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/01/74-01/01/85	10	6.35	7.42	19.2	3.8	18.66	4.32	3.92	5.45	7.225	18.13
01007	BARIUM, TOTAL (UG/L AS BA)	08/01/72-01/01/85	10	25.	31.	70.	5.	465.556	21.577	5.5	17.5	52.5	69.
01027	CADMIUM, TOTAL (UG/L AS CD)	03/12/73-01/01/85	10 ##	0.5	0.55	1.	0.5	0.025	0.158	0.5	0.5	0.5	0.95
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/12/73-01/01/85	10 ##	2.5	22.6	132.	0.5	1976.322	44.456	0.5	0.5	26.5	126.1
01037	COBALT, TOTAL (UG/L AS CO)	06/01/74-01/01/85	10 ##	5.	4.25	5.	2.5	1.458	1.208	2.5	2.5	5.	5.
01042	COPPER, TOTAL (UG/L AS CU)	03/12/73-01/01/85	10	9.5	30.9	121.	5.	1714.767	41.41	5.	5.	48.5	118.1
01045	IRON, TOTAL (UG/L AS FE)	08/01/72-01/01/85	7	1000.	1872.429	7110.	167.	5806427.952	2409.653	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	08/01/72-01/01/85	10 ##	5.	8.4	27.	5.	50.933	7.137	5.	5.	9.5	25.7
01055	MANGANESE, TOTAL (UG/L AS MN)	08/01/72-01/01/85	10	74.5	79.8	316.	1.	8658.178	93.049	1.	1.75	100.5	294.6
01067	NICKEL, TOTAL (UG/L AS NI)	08/01/72-01/01/85	10 ##	5.	12.05	42.	2.	239.525	15.477	2.05	2.5	21.	41.7
01077	SILVER, TOTAL (UG/L AS AG)	06/01/74-01/01/85	10 ##	0.5	2.	5.	0.5	4.5	2.121	0.5	0.5	5.	5.
01092	ZINC, TOTAL (UG/L AS ZN)	08/01/72-01/01/85	10	11.5	15.75	60.	0.5	315.403	17.76	0.65	3.5	18.25	57.1
01105	ALUMINUM, TOTAL (UG/L AS AL)	06/01/74-01/01/85	10	800.	3942.	29700.	50.	83169706.667	9119.743	53.	125.	2475.	27060.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station CHCH0287

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71900	MERCURY, TOTAL (UG/L AS HG)	03/12/73-01/01/85	10 ##	0.1	0.18	0.5	0.1	0.028	0.169	0.1	0.1	0.2	0.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station CHCH0287

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/01/76-01/01/85	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/01/72-01/01/85	1	40.	40.	40.	40.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/01/72-01/01/85	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	08/01/72-01/01/85	1	60.	60.	60.	60.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/01/72-01/01/85	1	79.	79.	79.	79.	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/01/72-01/01/85	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00437	ACIDITY, CO2 (PHENOLPHTHALEIN) (MG/L AS CACO3)	08/01/72-01/01/85	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	08/01/72-01/01/85	1	189.	189.	189.	189.	0.	0.	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	08/01/72-01/01/85	1	139.	139.	139.	139.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/01/72-01/01/85	1	43.	43.	43.	43.	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/07/73-01/01/85	1	0.61	0.61	0.61	0.61	0.	0.	**	**	**	**
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	03/12/73-01/01/85	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/05/72-01/01/85	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/12/73-01/01/85	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/01/72-01/01/85	1	109.	109.	109.	109.	0.	0.	**	**	**	**
00910	CALCIUM (MG/L AS CACO3)	08/01/72-01/01/85	1	86.	86.	86.	86.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/01/76-01/01/85	1	4.6	4.6	4.6	4.6	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	08/01/72-01/01/85	1	8.7	8.7	8.7	8.7	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	08/01/72-01/01/85	1	1.95	1.95	1.95	1.95	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/05/72-01/01/85	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/05/72-01/01/85	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/05/72-01/01/85	1	0.13	0.13	0.13	0.13	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/01/74-01/01/85	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	08/01/72-01/01/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	03/12/73-01/01/85	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/12/73-01/01/85	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01037	COBALT, TOTAL (UG/L AS CO)	06/01/74-01/01/85	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	03/12/73-01/01/85	1	21.	21.	21.	21.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	08/01/72-01/01/85	1	1800.	1800.	1800.	1800.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	08/01/72-01/01/85	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	08/01/72-01/01/85	1	127.	127.	127.	127.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	08/01/72-01/01/85	1	38.	38.	38.	38.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	06/01/74-01/01/85	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/01/72-01/01/85	1	14.	14.	14.	14.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	06/01/74-01/01/85	1	2130.	2130.	2130.	2130.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	03/12/73-01/01/85	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 6/01 to 10/31 - Station CHCH0287

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/01/76-01/01/85	44	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/01/72-01/01/85	62	6.6	6.984	19.	0.5	18.876	4.345	1.66	3.575	9.075	14.
00080	COLOR (PLATINUM-COBALT UNITS)	08/01/72-01/01/85	58	7.5	9.207	43.	0.	66.272	8.141	1.5	3.	14.	21.
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	08/01/72-01/01/85	58	32.	37.983	138.	4.	705.315	26.558	13.9	19.	51.	71.7
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/01/74-05/01/81	26	165.	164.192	213.	130.	388.722	19.716	139.7	148.75	177.5	195.6
00403	PH, LAB, STANDARD UNITS SU	08/07/73-07/01/80	31	7.4	7.387	7.9	6.6	0.111	0.333	6.9	7.2	7.6	7.8
00403	CONVERTED PH, LAB, STANDARD UNITS	08/07/73-07/01/80	31	7.4	7.253	7.9	6.6	0.13	0.36	6.9	7.2	7.6	7.8
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/07/73-07/01/80	31	0.04	0.056	0.251	0.013	0.003	0.052	0.016	0.025	0.063	0.126
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/01/72-01/01/85	63	62.	61.579	85.	0.5	213.647	14.617	51.4	58.	68.	77.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/01/72-01/01/85	62	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00437	ACIDITY, CO2 (PHENOLPHTHALEIN) (MG/L AS CACO3)	08/01/72-01/01/85	63	3.	4.762	89.	1.	118.442	10.883	2.	2.	4.	5.6
00500	RESIDUE, TOTAL (MG/L)	08/01/72-01/01/85	60	111.5	114.55	171.	84.	269.709	16.423	96.1	103.25	129.	134.9
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	08/01/72-01/01/85	60	100.	105.2	361.	63.	1375.553	37.088	82.	91.	113.25	124.7
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/01/72-01/01/85	60	11.	12.858	66.	0.5	123.094	11.095	2.1	6.	16.75	26.7
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/07/73-01/01/85	58	0.325	0.337	0.71	0.18	0.009	0.096	0.229	0.26	0.39	0.431
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	03/12/73-01/01/85	58	0.4	0.49	2.1	0.05	0.145	0.381	0.1	0.275	0.7	0.91
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/05/72-01/01/85	60	0.09	0.104	0.58	0.01	0.008	0.091	0.04	0.06	0.11	0.178
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/12/73-01/01/85	42	3.	4.062	15.	0.5	12.379	3.518	0.62	1.225	5.7	9.8
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/01/72-01/01/85	63	70.	70.016	92.	9.	126.887	11.264	60.4	65.	77.	81.6
00910	CALCIUM (MG/L AS CACO3)	08/01/72-01/01/85	63	52.	51.778	65.	36.	38.014	6.166	43.4	48.	56.	60.2
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/01/76-01/01/85	40	4.6	4.457	8.1	0.8	1.359	1.166	2.73	4.05	5.	5.65
00929	SODIUM, TOTAL (MG/L AS NA)	08/01/72-01/01/85	63	6.1	6.875	45.3	2.1	28.228	5.313	4.3	4.9	7.3	8.54
00937	POTASSIUM, TOTAL MG/L AS K)	08/01/72-01/01/85	63	1.5	1.478	2.5	0.5	0.137	0.37	1.	1.3	1.7	2.
00940	CHLORIDE,TOTAL IN WATER MG/L	09/05/72-01/01/85	60	8.	8.467	22.	1.	10.897	3.301	5.	7.	10.	12.
00945	SULFATE, TOTAL (MG/L AS SO4)	09/05/72-01/01/85	58	11.5	12.621	30.	3.	22.626	4.757	8.	9.75	15.	19.1
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/05/72-01/01/85	59	0.1	0.107	0.77	0.05	0.01	0.099	0.05	0.05	0.11	0.19
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/01/74-01/01/85	45	5.1	5.027	8.5	0.5	2.044	1.43	2.52	4.6	5.9	6.58
01002	ARSENIC, TOTAL (UG/L AS AS)	03/12/73-06/01/80	30 ##	0.5	1.3	10.	0.5	5.648	2.377	0.5	0.5	1.	1.
01007	BARIUM, TOTAL (UG/L AS BA)	08/01/72-01/01/85	54	20.	24.87	70.	2.5	314.964	17.747	5.	10.	40.	50.
01027	CADMIUM, TOTAL (UG/L AS CD)	03/12/73-01/01/85	52 ##	0.5	1.26	33.	0.5	20.289	4.504	0.5	0.5	0.5	1.
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/12/73-01/01/85	51 ##	0.5	1.422	18.	0.5	7.374	2.715	0.5	0.5	1.	2.9
01037	COBALT, TOTAL (UG/L AS CO)	06/01/74-01/01/85	49 ##	5.	5.051	30.	2.5	19.659	4.434	2.5	2.5	5.	10.
01042	COPPER, TOTAL (UG/L AS CU)	03/12/73-01/01/85	52	72.	86.731	478.	2.	7586.318	87.099	13.9	44.25	101.25	148.2
01045	IRON, TOTAL (UG/L AS FE)	08/01/72-01/01/85	63	400.	468.841	1500.	90.	76955.232	277.408	214.	270.	530.	860.
01051	LEAD, TOTAL (UG/L AS PB)	08/01/72-01/01/85	53 ##	5.	6.821	30.	2.5	38.212	6.182	2.5	2.5	10.	12.4
01055	MANGANESE, TOTAL (UG/L AS MN)	08/01/72-01/01/85	64	59.5	78.906	580.	1.	8170.563	90.391	34.	48.	82.75	103.
01067	NICKEL, TOTAL (UG/L AS NI)	08/01/72-01/01/85	54 ##	5.	5.694	25.	0.5	23.41	4.838	2.5	2.5	6.25	10.
01077	SILVER, TOTAL (UG/L AS AG)	06/01/74-01/01/85	50 ##	0.5	0.66	5.	0.5	0.453	0.673	0.5	0.5	0.5	1.
01092	ZINC, TOTAL (UG/L AS ZN)	08/01/72-01/01/85	54	13.	20.657	245.	0.5	1119.998	33.466	4.	9.	21.	41.5
01097	ANTIMONY, TOTAL (UG/L AS SB)	03/12/73-06/01/80	31 ##	0.5	3.274	30.	0.5	45.214	6.724	0.5	0.5	1.	15.
01105	ALUMINUM, TOTAL (UG/L AS AL)	06/01/74-01/01/85	49	460.	599.184	2100.	80.	164978.486	406.175	220.	345.	795.	1200.
71900	MERCURY, TOTAL (UG/L AS HG)	03/12/73-01/01/85	50 ##	0.1	0.174	1.	0.1	0.037	0.191	0.1	0.1	0.125	0.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 2/29 - Station CHCH0287

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/01/76-01/01/85	37	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/01/72-01/01/85	49	10.	14.943	128.	0.4	368.154	19.187	2.9	5.65	18.	25.
00080	COLOR (PLATINUM-COBALT UNITS)	08/01/72-01/01/85	47	15.	17.681	49.	0.	136.885	11.7	0.5	10.	26.	31.4
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	08/01/72-01/01/85	48	60.	78.073	725.	0.5	10395.681	101.959	23.3	36.5	94.5	123.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/01/74-05/01/81	20	164.	160.8	201.	57.	898.379	29.973	131.6	151.5	174.25	199.1
00403	PH, LAB, STANDARD UNITS SU	08/07/73-07/01/80	21	7.5	7.419	7.9	6.7	0.086	0.293	6.84	7.3	7.6	7.7
00403	CONVERTED PH, LAB, STANDARD UNITS	08/07/73-07/01/80	21	7.5	7.304	7.9	6.7	0.1	0.316	6.84	7.3	7.6	7.7
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/07/73-07/01/80	21	0.032	0.05	0.2	0.013	0.002	0.047	0.02	0.025	0.05	0.147
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/01/72-01/01/85	48	58.5	57.563	79.	20.	142.166	11.923	43.5	52.	64.	73.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 2/29 - Station CHCH0287

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/01/72-01/01/85	47	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00437	ACIDITY, CO2 (PHENOLPHTHALEIN) (MG/L AS CACO3)	08/01/72-01/01/85	48	3.	3.146	7.	1.	2.34	1.53	2.	2.	4.	6.
00500	RESIDUE, TOTAL (MG/L)	08/01/72-01/01/85	49	119.	120.449	281.	1.	1304.086	36.112	94.	104.5	131.	156.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	08/01/72-01/01/85	49	104.	104.653	154.	50.	267.731	16.362	84.	97.	115.5	124.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/01/72-01/01/85	49	10.	18.918	211.	1.	940.785	30.672	2.	5.5	22.	42.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/07/73-01/01/85	47	0.43	0.541	5.1	0.07	0.483	0.695	0.25	0.37	0.52	0.624
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	03/12/73-01/01/85	48	0.4	0.663	10.	0.05	2.027	1.424	0.1	0.2	0.6	1.01
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/05/72-01/01/85	51	0.11	0.132	0.92	0.003	0.022	0.15	0.032	0.07	0.14	0.198
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/12/73-01/01/85	37	4.	4.786	28.	0.5	23.163	4.813	0.5	2.	5.75	8.2
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/01/72-01/01/85	48	69.	69.396	109.	25.	134.712	11.607	59.5	63.25	76.	81.2
00910	CALCIUM (MG/L AS CACO3)	08/01/72-01/01/85	48	51.	50.948	86.	15.	85.783	9.262	42.9	47.	55.5	59.73
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/01/76-01/01/85	34	4.	3.862	5.7	1.4	1.093	1.045	2.4	3.05	4.725	5.
00929	SODIUM, TOTAL (MG/L AS NA)	08/01/72-01/01/85	50	6.35	6.208	12.	1.9	3.766	1.941	3.5	4.8	7.425	8.66
00937	POTASSIUM, TOTAL MG/L AS K)	08/01/72-01/01/85	50	1.65	1.618	2.4	0.6	0.149	0.386	1.1	1.3	1.825	2.
00940	CHLORIDE,TOTAL IN WATER MG/L	09/05/72-01/01/85	48	9.	9.021	14.	4.	6.063	2.462	6.	7.	11.	13.
00945	SULFATE, TOTAL (MG/L AS SO4)	09/05/72-01/01/85	47	13.	13.617	30.	5.	21.981	4.688	9.	10.	16.	21.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/05/72-01/01/85	50 ##	0.07	0.189	5.	0.025	0.497	0.705	0.05	0.05	0.1	0.129
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/01/74-01/01/85	40	5.45	5.735	19.2	3.1	6.175	2.485	3.71	4.8	6.075	6.8
01002	ARSENIC, TOTAL (UG/L AS AS)	03/12/73-06/01/80	21 ##	0.5	0.786	2.	0.5	0.139	0.373	0.5	0.5	1.	1.
01007	BARIUM, TOTAL (UG/L AS BA)	08/01/72-01/01/85	41	20.	42.683	740.	5.	12818.872	113.22	5.	7.5	40.	60.
01027	CADMIUM, TOTAL (UG/L AS CD)	03/12/73-01/01/85	42 ##	0.5	0.655	3.	0.5	0.177	0.42	0.5	0.5	0.5	1.
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/12/73-01/01/85	39	1.	5.731	132.	0.5	438.748	20.946	0.5	0.5	4.	10.
01037	COBALT, TOTAL (UG/L AS CO)	06/01/74-01/01/85	39 ##	5.	6.295	30.	0.5	33.023	5.747	2.5	2.5	5.	10.
01042	COPPER, TOTAL (UG/L AS CU)	03/12/73-01/01/85	42	42.5	42.452	121.	5.	832.01	28.845	9.	19.	54.	88.7
01045	IRON, TOTAL (UG/L AS FE)	08/01/72-01/01/85	49	500.	822.204	7110.	8.	1129143.874	1062.612	130.	310.	1030.	1650.
01051	LEAD, TOTAL (UG/L AS PB)	08/01/72-01/01/85	42 ##	5.	6.405	30.	2.5	34.149	5.844	2.5	2.5	10.	10.
01055	MANGANESE, TOTAL (UG/L AS MN)	08/01/72-01/01/85	49	60.	66.469	316.	3.	2093.504	45.755	21.	46.5	80.	100.
01067	NICKEL, TOTAL (UG/L AS NI)	08/01/72-01/01/85	42 ##	5.	8.202	39.	2.5	76.11	8.724	2.5	2.5	10.	20.
01077	SILVER, TOTAL (UG/L AS AG)	06/01/74-01/01/85	39 ##	0.5	0.551	2.	0.5	0.063	0.251	0.5	0.5	0.5	0.5
01092	ZINC, TOTAL (UG/L AS ZN)	08/01/72-01/01/85	42	14.5	19.695	67.	0.5	227.728	15.091	5.3	9.75	26.5	42.5
01097	ANTIMONY, TOTAL (UG/L AS SB)	03/12/73-06/01/80	22 ##	0.5	2.023	15.	0.5	17.988	4.241	0.5	0.5	0.625	11.25
01105	ALUMINUM, TOTAL (UG/L AS AL)	06/01/74-01/01/85	39	460.	1552.308	29700.	20.	21992281.377	4689.593	110.	250.	1200.	2130.
71900	MERCURY, TOTAL (UG/L AS HG)	03/12/73-01/01/85	40 ##	0.1	0.793	22.	0.1	12.199	3.493	0.1	0.1	0.1	0.39

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 3/01 to 5/31 - Station CHCH0287

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/01/76-01/01/85	24	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/01/72-01/01/85	34	13.5	17.715	52.	1.	160.443	12.667	5.15	8.875	27.	39.
00080	COLOR (PLATINUM-COBALT UNITS)	08/01/72-01/01/85	35	14.	21.843	74.	1.	385.011	19.622	2.4	9.	31.	54.
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	08/01/72-01/01/85	35	66.	82.671	243.	1.5	3985.72	63.133	12.6	33.	130.	175.2
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/01/74-05/01/81	13	153.	151.154	190.	114.	373.474	19.325	122.8	137.5	160.5	184.8
00403	PH, LAB, STANDARD UNITS SU	08/07/73-07/01/80	15	7.5	7.48	7.8	7.1	0.043	0.208	7.16	7.3	7.6	7.74
00403	CONVERTED PH, LAB, STANDARD UNITS	08/07/73-07/01/80	15	7.5	7.432	7.8	7.1	0.046	0.214	7.16	7.3	7.6	7.74
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/07/73-07/01/80	15	0.032	0.037	0.079	0.016	0.	0.019	0.018	0.025	0.05	0.07
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/01/72-01/01/85	34	57.	57.471	81.	39.	74.196	8.614	48.5	51.	62.25	70.5
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/01/72-01/01/85	35	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00437	ACIDITY, CO2 (PHENOLPHTHALEIN) (MG/L AS CACO3)	08/01/72-01/01/85	33	3.	3.364	8.	1.	2.489	1.578	2.	2.	4.	5.6
00500	RESIDUE, TOTAL (MG/L)	08/01/72-01/01/85	35	114.	115.457	170.	56.	581.02	24.104	86.2	101.	131.	153.4
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	08/01/72-01/01/85	34	94.5	91.559	129.	15.	554.012	23.537	57.	84.5	104.	117.5
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/01/72-01/01/85	35	16.	22.929	100.	0.5	516.179	22.72	2.	8.	28.	63.2
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/07/73-01/01/85	31	0.44	0.49	2.3	0.23	0.12	0.347	0.332	0.36	0.5	0.598
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	03/12/73-01/01/85	34	0.4	0.484	1.6	0.05	0.131	0.363	0.125	0.2	0.7	1.05
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/05/72-01/01/85	35	0.1	0.128	0.78	0.01	0.02	0.141	0.023	0.05	0.14	0.262
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/12/73-01/01/85	25	2.5	3.692	13.	0.5	10.604	3.256	0.5	0.75	6.5	7.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 3/01 to 5/31 - Station CHCH0287

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/01/72-01/01/85	34	64.5	66.5	98.	51.	102.682	10.133	55.	59.75	70.25	83.5
00910	CALCIUM (MG/L AS CACO3)	08/01/72-01/01/85	33	48.	48.636	75.	37.	74.614	8.638	38.8	42.	53.	58.6
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/01/76-01/01/85	21	3.8	3.857	5.	2.6	0.469	0.685	2.84	3.25	4.45	4.68
00929	SODIUM, TOTAL (MG/L AS NA)	08/01/72-01/01/85	34	4.	4.372	10.6	2.2	3.238	1.799	2.55	3.15	5.225	6.4
00937	POTASSIUM, TOTAL MG/L AS K)	08/01/72-01/01/85	34	1.45	1.466	2.4	0.8	0.125	0.354	0.95	1.2	1.725	1.9
00940	CHLORIDE,TOTAL IN WATER MG/L	09/05/72-01/01/85	33	5.	6.333	13.	2.	7.542	2.746	4.	5.	7.	11.6
00945	SULFATE, TOTAL (MG/L AS SO4)	09/05/72-01/01/85	35	10.	11.229	25.	6.	17.299	4.159	7.	8.	13.	16.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/05/72-01/01/85	35 ##	0.05	0.087	0.6	0.025	0.011	0.105	0.025	0.05	0.09	0.128
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/01/74-01/01/85	27	5.1	4.996	6.7	2.4	1.418	1.191	3.08	4.2	5.8	6.6
01002	ARSENIC, TOTAL (UG/L AS AS)	03/12/73-06/01/80	17	1.	2.235	10.	0.5	8.91	2.985	0.5	1.	2.	10.
01007	BARIUM, TOTAL (UG/L AS BA)	08/01/72-01/01/85	29	25.	28.379	90.	5.	334.387	18.286	5.	20.	39.	50.
01027	CADMIUM, TOTAL (UG/L AS CD)	03/12/73-01/01/85	29 ##	0.5	1.81	31.	0.5	31.811	5.64	0.5	0.5	1.	2.
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/12/73-01/01/85	26 ##	1.	4.712	73.	0.5	201.683	14.202	0.5	0.5	2.625	8.4
01037	COBALT, TOTAL (UG/L AS CO)	06/01/74-01/01/85	24 ##	5.	5.417	10.	2.5	8.514	2.918	2.5	2.5	8.75	10.
01042	COPPER, TOTAL (UG/L AS CU)	03/12/73-01/01/85	29	54.	71.207	460.	5.	7620.599	87.296	8.	24.5	79.5	122.
01045	IRON, TOTAL (UG/L AS FE)	08/01/72-01/01/85	32	900.	1036.25	2400.	70.	472217.742	687.181	230.	585.	1450.	2200.
01051	LEAD, TOTAL (UG/L AS PB)	08/01/72-01/01/85	29 ##	5.	7.414	20.	2.5	19.858	4.456	2.5	5.	10.	10.
01055	MANGANESE, TOTAL (UG/L AS MN)	08/01/72-01/01/85	34	60.5	66.941	213.	1.	1794.906	42.366	6.5	49.5	82.25	111.
01067	NICKEL, TOTAL (UG/L AS NI)	08/01/72-01/01/85	29 ##	5.	9.034	60.	2.5	156.588	12.514	2.5	2.5	10.	20.
01077	SILVER, TOTAL (UG/L AS AG)	06/01/74-01/01/85	24 ##	0.5	0.979	5.	0.5	1.576	1.255	0.5	0.5	1.	3.
01092	ZINC, TOTAL (UG/L AS ZN)	08/01/72-01/01/85	29	17.	21.414	45.	6.	136.18	11.67	10.	13.5	30.5	43.
01097	ANTIMONY, TOTAL (UG/L AS SB)	03/12/73-06/01/80	17 ##	0.5	2.794	25.	0.5	45.064	6.713	0.5	0.5	0.5	17.
01105	ALUMINUM, TOTAL (UG/L AS AL)	06/01/74-01/01/85	24	780.	1174.167	3400.	50.	938268.841	968.643	120.	542.5	1950.	2850.
71900	MERCURY, TOTAL (UG/L AS HG)	03/12/73-01/01/85	28 ##	0.1	0.168	0.5	0.1	0.017	0.131	0.1	0.1	0.175	0.41

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: CHCH0288

NPS Station ID: CHCH0288
Location: TENN RIV CONTROL MIDSTREAM
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM
RMI-Indexes: 1021500 007720 00920
RMI-Miles: 0953.80 0046.50 465.40
HUC: 06020001
Major Basin: SOUTHEAST
Minor Basin: TENNESSEE RIVER BASIN
RF1 Index: 06020001006
RF3 Index: 06020001049100.00
Description:

LAT/LON: 35.056671/ -85.290282
Depth of Water: 0
Elevation: 0
RF1 Mile Point: 3.940
RF3 Mile Point: 2.87

Agency: 1113S090
FIPS State/County: 47065 TENNESSEE/HAMILTON
STORET Station ID(s): 470110 /TRC-02
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 34.40
Distance from RF3: 0.27

Date Created: / /
On/Off RF1: ON
On/Off RF3:

Parameter Inventory for Station: CHCH0288

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

***** Data for this station locked by controlling agency *****

Station Inventory for Station: CHCH0289

NPS Station ID: CHCH0289
LAT/LON: 35.056948/ -85.288337
Agency: 21TNWQ
Date Created: / /
Location: TENN-AM WATER CO. DATA 465.2 R
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): TN123R
RMI-Indexes: 1021500 007720 00920
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 465.20
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001006
RF1 Mile Point: 4.540
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 06020001000604.74
RF3 Mile Point: 4.76
Distance from RF3: 0.11
On/Off RF3:
Description:
TENNESSEE RIVER MILE 465.2 STATION LOCATED AT TENN-AMERICAN INTAKE SAMPLES COLLECTED 75 PERCENT OF STREAM WIDTH FROM LEFT BANK
SAMPLES COLLECTED BY TENNESSEE AMERICAN WATER COMPANY IN CHATTANOOGA

Parameter Inventory for Station: CHCH0289

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/02/74-09/26/74	33	20.	11.758	20.	3.	74.439	8.628	3.	3.	20.	20.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	08/01/74-09/26/74	25	76.5	77.32	80.	70.	9.539	3.089	72.4	76.	80.	80.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/02/74-09/26/74	33	9.3	11.324	50.	4.4	75.616	8.696	5.64	8.05	11.	12.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/02/74-09/26/74	33	172.	173.606	196.	145.	100.059	10.003	160.8	170.	180.	189.2
00300	OXYGEN, DISSOLVED MG/L	08/01/74-09/26/74	23	5.8	5.917	6.8	4.7	0.288	0.537	5.08	5.7	6.2	6.72
00310	BOD, 5 DAY, 20 DEG C MG/L	08/01/74-09/26/74	23 ##	0.5	0.713	1.3	0.5	0.098	0.312	0.5	0.5	1.	1.2
00403	PH, LAB, STANDARD UNITS SU	07/02/74-09/26/74	33	7.6	7.609	7.9	6.6	0.067	0.259	7.5	7.6	7.7	7.86
00403	CONVERTED PH, LAB, STANDARD UNITS	07/02/74-09/26/74	33	7.6	7.479	7.9	6.6	0.085	0.291	7.5	7.6	7.7	7.86
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/02/74-09/26/74	33	0.025	0.033	0.251	0.013	0.002	0.046	0.014	0.02	0.025	0.032
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/02/74-09/26/74	33	56.	55.212	58.	50.	3.11	1.763	53.4	54.5	56.	57.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/02/74-09/26/74	33 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
00690	CARBON, TOTAL (MG/L AS C)	08/01/74-09/26/74	23	1.7	1.778	3.7	1.	0.371	0.609	1.1	1.3	2.1	2.52
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/02/74-09/26/74	33	68.	67.848	74.	62.	11.508	3.392	62.8	66.	70.	74.
00910	CALCIUM (MG/L AS CACO3)	07/02/74-09/26/74	33	20.8	20.521	21.6	18.4	0.992	0.996	18.64	20.	21.4	21.6
00920	MAGNESIUM (MG/L AS CACO3)	07/02/74-09/26/74	33	3.9	4.006	5.1	2.9	0.354	0.595	3.4	3.4	4.4	4.9
00929	SODIUM, TOTAL (MG/L AS NA)	07/02/74-09/26/74	28	5.5	5.464	7.	4.	1.017	1.009	4.	5.	6.5	6.55
00940	CHLORIDE,TOTAL IN WATER MG/L	07/02/74-09/26/74	33	8.	7.576	11.	5.	2.627	1.621	6.	6.	9.	9.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/02/74-09/23/74	29	0.1	0.09	0.15	0.05	0.001	0.033	0.05	0.05	0.105	0.14
01027	CADMIUM, TOTAL (UG/L AS CD)	07/02/74-09/26/74	33 ##	0.003	0.003	0.003	0.003	0.	0.	0.003	0.003	0.003	0.003
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/02/74-09/26/74	33 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
01042	COPPER, TOTAL (UG/L AS CU)	07/02/74-09/26/74	33 ##	0.005	0.007	0.01	0.005	0.	0.002	0.005	0.005	0.01	0.01
01045	IRON, TOTAL (UG/L AS FE)	07/02/74-09/26/74	33	0.1	0.159	0.3	0.08	0.006	0.08	0.1	0.1	0.2	0.3
01051	LEAD, TOTAL (UG/L AS PB)	07/02/74-09/26/74	33 ##	0.02	0.02	0.02	0.02	0.	0.	0.02	0.02	0.02	0.02
01055	MANGANESE, TOTAL (UG/L AS MN)	07/02/74-09/26/74	33	0.04	0.041	0.08	0.02	0.	0.014	0.024	0.03	0.05	0.056
01092	ZINC, TOTAL (UG/L AS ZN)	07/02/74-09/26/74	33	0.01	0.011	0.02	0.005	0.	0.004	0.005	0.01	0.01	0.02
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/02/74-09/26/74	33	1600.	3056.061	16400.	25.	15409454.309	3925.488	100.	350.	4200.	10010.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/02/74-09/26/74	33	3.204	3.031	4.215	1.398	0.58	0.762	2.	2.54	3.623	4.
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1073.056								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/02/74-09/26/74	33	30.	77.5	790.	2.5	30205.469	173.797	5.	10.	52.5	147.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/02/74-09/26/74	33	1.477	1.411	2.898	0.398	0.358	0.598	0.699	1.	1.716	2.166
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			25.756								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/02/74-09/26/74	33	30.	77.5	790.	2.5	30205.469	173.797	5.	10.	52.5	147.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/02/74-09/26/74	33	1.477	1.411	2.898	0.398	0.358	0.598	0.699	1.	1.716	2.166

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0289

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			25.756								
72033	FLOW, AVERAGE DAILY SPILLWAY DISCHARGE CFS	07/02/74-09/26/74	33	31400.	28315.152	42000.	0.	129758200.758	11391.146	0.	27650.	34150.	37900.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0289

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	33	1	0.03	33	1	0.03									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	23	0	0.00	23	0	0.00									
00403	PH, LAB	Fresh Chronic	9.	33	0	0.00	33	0	0.00									
		Other-Lo Lim.	6.5	33	0	0.00	33	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	33	0	0.00	33	0	0.00									
		Drinking Water	250.	33	0	0.00	33	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	29	0	0.00	29	0	0.00									
01027	CADMIUM, TOTAL	Fresh Acute	3.9	33	0	0.00	33	0	0.00									
		Drinking Water	5.	33	0	0.00	33	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	33	0	0.00	33	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	33	0	0.00	33	0	0.00									
		Drinking Water	1300.	33	0	0.00	33	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	33	0	0.00	33	0	0.00									
		Drinking Water	15.	33	0	0.00	33	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	33	0	0.00	33	0	0.00									
		Drinking Water	5000.	33	0	0.00	33	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	33	18	0.55	33	18	0.55									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	33	2	0.06	33	2	0.06									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	33	2	0.06	33	2	0.06									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0290

NPS Station ID: CHCH0290
Location: CHIEF JOHN ROSS LANDING
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes: 1021500 007720 00920
RMI-Miles: 0953.80 0046.50 464.00
HUC: 06020001
Major Basin: TENNESSEE RIVER BASIN
Minor Basin: TENNESSEE RIVER 464.0
RF1 Index: 06020001006
RF3 Index: 06020001000200.70
Description:

LAT/LON: 35.056948/ -85.311392
Depth of Water: 0
Elevation: 0
RF1 Mile Point: 2.790
RF3 Mile Point: 0.80

Agency: 131TVAC
FIPS State/County: 47065 TENNESSEE/HAMILTON
STORET Station ID(s): 476701
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.04

Date Created: 03/15/86
On/Off RF1: ON
On/Off RF3:

Parameter Inventory for Station: CHCH0290

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/27/86-06/11/92	32	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/27/86-06/11/92	32	115.	477.25	2000.	5.	455234.323	674.711	5.9	30.	685.	2000.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/27/86-06/11/92	32	2.06	2.109	3.301	0.699	0.691	0.832	0.76	1.477	2.835	3.301
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			128.461								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0290

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	32	13	0.41	25	12	0.48				7	1	0.14			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0291

NPS Station ID: CHCH0291
Location: NICKAJACK RESERVOIR
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes: 1021500 007720 00920
RMI-Miles: 0953.80 0046.50 443.70
HUC: 06020001
Major Basin: TENNESSEE RIVER BASIN
Minor Basin: TENNESSEE RIVER 443.7
RF1 Index: 06020001001
RF3 Index: 06020001029200.00
Description:

LAT/LON: 35.057504/ -85.425004
Depth of Water: 0
Elevation: 0
RF1 Mile Point: 26.210
RF3 Mile Point: 5.64

Agency: 131TVAC
FIPS State/County: 47115 TENNESSEE/MARION
STORET Station ID(s): 475756 /0951
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.08

Date Created: / /
On/Off RF1: ON
On/Off RF3:

Parameter Inventory for Station: CHCH0291

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/24/73-12/05/73	206	20.	19.403	60.	1.	241.442	15.538	1.	5.	30.	40.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/24/73-12/05/73	206	19.65	18.206	26.6	7.1	43.449	6.592	7.2	13.8	24.6	25.9
00300	OXYGEN, DISSOLVED MG/L	01/24/73-12/05/73	205	7.3	7.507	11.2	4.9	3.759	1.939	5.4	5.8	8.85	10.9

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0291

				Total	Exceed	Prop.	6/01-10/31			11/01-2/29			3/01-5/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	205	0	0.00	95	0	0.00	72	0	0.00	38	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0292

NPS Station ID: CHCH0292 LAT/LON: 35.057781/ -85.272227 Agency: 1113S000 Date Created: / /
Location: CITICO CREEK TRIBUTARY FROM SOUTHERN RAILROAD FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM STORET Station ID(s): 470003 /TR-CC-2
RMI-Indexes: 1021500 007720 00920 6164 Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 465.30 001.30
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN ECO Region:
RF1 Index: 06020001006 RF1 Mile Point: 5.130 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 06020001124100.00 RF3 Mile Point: 0.10 Distance from RF3: 0.02 On/Off RF3:
Description:
SOUTHERN RAILWAY SYSTEM---AT STORM DRAIN FROM CITICO YARDS DIS- CHARGING TO CITICO CREEK AT MILE 1.3 AND APPROXIMATELY 100 YARDS
UPSTREAM FROM TINKER STREET BRIDGE. SAMPLES WERE COLLECTED FROM THE STROM DRAIN DISCHARGE.
STUDY CONDUCTED BY CREW FROM SOUTHEAST WATER LABORATORY IN JUNE 1972. CHARLES SWEATT-PROJECT ENGINEER; TOM BENNETT-CHEMIST.

Parameter Inventory for Station: CHCH0292

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/72-06/23/72	4	21.	21.125	22.	20.5	0.396	0.629	**	**	**	**
00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	06/21/72-06/24/72	4	21.5	35.	90.	7.	1439.333	37.939	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	06/21/72-06/24/72	4	24.	31.5	72.	6.	931.667	30.523	**	**	**	**
00400	PH (STANDARD UNITS)	06/20/72-06/23/72	4	7.05	7.15	7.9	6.6	0.337	0.58	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/20/72-06/23/72	4	6.982	6.928	7.9	6.6	0.403	0.634	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/20/72-06/23/72	4	0.104	0.118	0.251	0.013	0.012	0.108	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/20/72-06/24/72	5	7.6	7.6	8.	7.4	0.06	0.245	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/20/72-06/24/72	5	7.6	7.553	8.	7.4	0.063	0.25	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/20/72-06/24/72	5	0.025	0.028	0.04	0.01	0.	0.012	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	06/20/72-06/24/72	5	556.	577.8	765.	446.	16808.2	129.646	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	06/20/72-06/24/72	5	551.	523.2	659.	342.	17282.7	131.464	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/20/72-06/24/72	5	20.	54.6	136.	5.	3821.8	61.821	**	**	**	**
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	06/20/72-06/24/72	5	49.	109.6	360.	16.	20570.3	143.423	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/20/72-06/24/72	5	4.1	8.08	23.	2.2	75.517	8.69	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/20/72-06/24/72	5	6.16	9.492	23.	3.3	60.941	7.806	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/20/72-06/24/72	5	6.	4.588	9.2	0.02	14.524	3.811	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/20/72-06/24/72	5	3.7	7.178	22.8	0.47	81.488	9.027	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/20/72-06/24/72	5	26.	32.4	61.	17.	320.3	17.897	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	06/20/72-06/24/72	5 ##	25.	30.	50.	25.	125.	11.18	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	06/20/72-06/24/72	5 ##	25.	51.	110.	25.	1467.5	38.308	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	06/20/72-06/24/72	5	2250.	2255.	4000.	575.	2157625.	1468.886	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	06/20/72-06/24/72	5 ##	50.	68.	140.	50.	1620.	40.249	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	06/20/72-06/24/72	5	290.	393.	750.	230.	47445.	217.819	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	06/20/72-06/24/72	5	100.	187.	360.	65.	21070.	145.155	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/20/72-06/24/72	5	1600000.	7198000.	24000000.	490000.	**********	10060741.523	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/20/72-06/24/72	5	6.204	6.417	7.38	5.69	0.532	0.729	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			2610253.185								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/20/72-06/24/72	5	220000.	223600.	490000.	49000.	34854300000.	186693.064	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/20/72-06/24/72	5	5.342	5.181	5.69	4.69	0.216	0.465	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			151661.212								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/20/72-06/24/72	5	16.	35.7	129.	2.5	2752.95	52.469	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0292

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	4	0	0.00	4	0	0.00									
		Other-Lo Lim.	6.5	4	0	0.00	4	0	0.00									
00403	PH, LAB	Fresh Chronic	9.	5	0	0.00	5	0	0.00									
		Other-Lo Lim.	6.5	5	0	0.00	5	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	5	0	0.00	5	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	5	0	0.00	5	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	2 &	2	1.00	2	2	1.00									
		Drinking Water	1300.	5	0	0.00	5	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	5	1	0.20	5	1	0.20									
		Drinking Water	15.	1 &	1	1.00	1	1	1.00									
01092	ZINC, TOTAL	Fresh Acute	120.	5	2	0.40	5	2	0.40									
		Drinking Water	5000.	5	0	0.00	5	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	5	5	1.00	5	5	1.00									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	5	5	1.00	5	5	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0293

NPS Station ID: CHCH0293
LAT/LON: 35.057781/ -85.272227
Agency: 1113S000
Date Created: / /
Location: CITICO CK 200 YDS UP FM TINKER S
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 470075 /TR-C-2
RMI-Indexes: 1021500 007720 00920 6164
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 465.30 001.35
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001006
RF1 Mile Point: 5.130
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 06020001124000.00
RF3 Mile Point: 0.00
Distance from RF3: 0.02
On/Off RF3:
Description:
CITICO CREEK---APPROXIMATELY 200 YARDS UPSTREAM FROM TINKER STREET BRIDGE AT MILE 1.35.
STUDY CONDUCTED BY CREW FROM SOUTHEAST WATER LABORATORY IN JUNE 1972. CHARLES SWEATT-PROJECT ENGINEER; TOM BENNETT-CHEMIST.

Parameter Inventory for Station: CHCH0293

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/72-06/24/72	4	21.	21.	22.	20.	0.667	0.816	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/20/72-06/24/72	5	2.1	2.84	5.7	1.1	3.618	1.902	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	06/21/72-06/24/72	4	3.15	2.95	3.5	2.	0.43	0.656	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/20/72-06/24/72	5	6.9	7.02	7.6	6.7	0.117	0.342	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/20/72-06/24/72	5	6.9	6.938	7.6	6.7	0.125	0.354	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/20/72-06/24/72	5	0.126	0.115	0.2	0.025	0.004	0.063	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	06/20/72-06/24/72	5	334.	430.	865.	282.	59856.5	244.656	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	06/20/72-06/24/72	5	327.	388.8	705.	279.	31656.2	177.922	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/20/72-06/24/72	5	10.	41.2	160.	3.	4507.7	67.139	**	**	**	**
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	06/22/72-06/24/72	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/20/72-06/24/72	5	0.43	0.468	0.69	0.2	0.046	0.214	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/20/72-06/24/72	5	0.95	1.01	1.32	0.68	0.064	0.253	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/20/72-06/24/72	5	1.98	2.088	3.1	1.38	0.473	0.688	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/20/72-06/24/72	5	0.42	0.472	0.73	0.33	0.028	0.167	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/20/72-06/23/72	4	9.5	15.	34.	7.	162.	12.728	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	06/23/72-06/24/72	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	06/23/72-06/24/72	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	06/23/72-06/24/72	2	712.5	712.5	1025.	400.	195312.5	441.942	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	06/23/72-06/24/72	2 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	06/23/72-06/24/72	2	385.	385.	405.	365.	800.	28.284	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	06/23/72-06/24/72	2	22.5	22.5	30.	15.	112.5	10.607	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/20/72-06/24/72	5	49000.	148600.	540000.	11000.50	195300000.	224043.076	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/20/72-06/24/72	5	4.69	4.738	5.732	4.041	0.502	0.708	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			54748.704								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/20/72-06/24/72	5	2000.	51000.	240000.	1000.11	180500000.	105737.883	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/20/72-06/24/72	5	3.301	3.745	5.38	3.	1.017	1.009	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5552.989								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/22/72-06/24/72	3	5.	4.833	7.	2.5	5.083	2.255	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0293

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	5	4	0.80	5	4	0.80									
00403	PH, LAB	Fresh Chronic	9.	5	0	0.00	5	0	0.00									
		Other-Lo Lim.	6.5	5	0	0.00	5	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	5	0	0.00	5	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	2	0	0.00	2	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	0 &	0	0.00												
		Drinking Water	1300.	2	0	0.00	2	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	2	0	0.00	2	0	0.00									
		Drinking Water	15.	0 &	0	0.00												
01092	ZINC, TOTAL	Fresh Acute	120.	2	0	0.00	2	0	0.00									
		Drinking Water	5000.	2	0	0.00	2	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	5	5	1.00	5	5	1.00									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	3 &	3	1.00	3	3	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0294

NPS Station ID: CHCH0294
LAT/LON: 35.058337/ -85.170281
Agency: 1113S000
Date Created: / /
Location: FRIARS BR AT STANDIFER GAP RD
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 480180 /TR-FB-3
RMI-Indexes: 1021500 007720 00920 6180 0230
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 008.70 003.10
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 21.90
On/Off RF1:
RF3 Index: 06020001010401.69
RF3 Mile Point: 1.99
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0294

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/15/68-10/17/68	3	18.	15.333	18.	10.	21.333	4.619	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	10/15/68-10/15/68	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00380	CHLORINE DEMAND, 24 HOUR (MG/L)	10/15/68-10/15/68	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/16/68-10/17/68	2	7.25	7.25	7.5	7.	0.125	0.354	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/16/68-10/17/68	2	7.182	7.182	7.5	7.	0.134	0.367	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/16/68-10/17/68	2	0.066	0.066	0.1	0.032	0.002	0.048	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/16/68-10/16/68	1	69.	69.	69.	69.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/15/68-10/17/68	3	0.4	0.8	1.6	0.4	0.48	0.693	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/15/68-10/17/68	3	0.72	1.03	1.78	0.59	0.426	0.653	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/15/68-10/17/68	3	3.8	4.133	4.8	3.8	0.333	0.577	**	**	**	**
00685	CARBON, TOTAL INORGANIC (MG/L AS C)	10/15/68-10/15/68	1	1.	1.	1.	1.	0.	0.	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	10/16/68-10/16/68	1	5.	5.	5.	5.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0294

				Total	Exceed	Prop.	6/01-10/31			11/01-2/29			3/01-5/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	0	0.00	3	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0295

NPS Station ID: CHCH0295
Location: NICKAJACK RESERVOIR
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes: 1021500 007720 00920
RMI-Miles: 0953.80 0046.50 463.80
HUC: 06020001
Major Basin: TENNESSEE RIVER BASIN
Minor Basin: TENNESSEE RIVER 463.8
RF1 Index: 06020001006
RF3 Index: 06020001085801.78
Description:

LAT/LON: 35.058337/ -85.314727
Depth of Water: 0
Elevation: 0
RF1 Mile Point: 2.690
RF3 Mile Point: 2.90

Agency: 131TVAC
FIPS State/County: 47065 TENNESSEE/HAMILTON
STORET Station ID(s): 475851 /0993
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.44

Date Created: / /
On/Off RF1: ON
On/Off RF3:

Parameter Inventory for Station: CHCH0295

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/21/73-12/20/73	4	1.	1.	1.	1.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/21/73-12/20/73	3	14.1	12.2	14.6	7.9	13.93	3.732	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/21/73-12/20/73	3	8.6	9.067	10.6	8.	1.853	1.361	**	**	**	**
00400	PH (STANDARD UNITS)	11/21/73-12/20/73	3	7.	6.9	7.5	6.2	0.43	0.656	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/21/73-12/20/73	3	7.	6.595	7.5	6.2	0.57	0.755	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/21/73-12/20/73	3	0.1	0.254	0.631	0.032	0.108	0.328	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/21/73-12/20/73	3	55.	51.667	63.	37.	177.333	13.317	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	11/21/73-12/20/73	3	0.	0.	0.	0.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/21/73-12/20/73	4	10700.	13950.	27000.	7400.	79236666.667	8901.498	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/21/73-12/20/73	4	4.026	4.088	4.431	3.869	0.06	0.244	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			12252.54								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/21/73-12/20/73	4	3550.	3525.	5400.	1600.	2609166.667	1615.292	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/21/73-12/20/73	4	3.545	3.507	3.732	3.204	0.052	0.227	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3210.737								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0295

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	3	0	0.00				3	0	0.00						
00400	PH	Fresh Chronic	9.	3	0	0.00				3	0	0.00						
		Other-Lo Lim.	6.5	3	1	0.33				3	1	0.33						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	4	4	1.00				4	4	1.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	4	4	1.00				4	4	1.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0296

NPS Station ID: CHCH0296
LAT/LON: 35.058615/ -85.170559
Agency: 131TVAC
Date Created: / /
Location: STANDIFER GAP ROAD BRIDGE
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475548 /2702
RMI-Indexes: 1021500 007720 00920 6180 0230
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 008.80 003.15
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: FRIAR BRANCH 3.15
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 16.00
On/Off RF1:
RF3 Index: 06020001010400.00
RF3 Mile Point: 1.40
Distance from RF3: 0.12
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0296

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/26/69-12/02/69	11	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/26/69-12/02/69	11	16.9	15.636	21.	6.9	19.567	4.423	7.64	12.	20.	20.8
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/26/69-12/02/69	11	3.	6.455	17.	2.	39.873	6.314	2.	2.	15.	16.8
00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/26/69-12/02/69	11	10.	16.182	100.	2.	786.964	28.053	2.4	4.	10.	83.
00080	COLOR (PLATINUM-COBALT UNITS)	02/26/69-12/02/69	11	10.	12.727	40.	2.5	105.568	10.275	2.5	10.	15.	36.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/26/69-12/02/69	11	410.	400.909	490.	310.	5169.091	71.896	310.	320.	480.	488.
00300	OXYGEN, DISSOLVED MG/L	02/26/69-12/02/69	11	8.1	8.309	11.3	6.1	2.699	1.643	6.22	6.9	9.6	11.14
00310	BOD, 5 DAY, 20 DEG C MG/L	02/26/69-12/02/69	11	1.2	1.282	2.2	0.5	0.266	0.515	0.5	1.	1.6	2.12
00335	COD, .025N K2CR2O7 MG/L	05/20/69-12/02/69	7	10.	12.714	23.	4.	37.571	6.13	**	**	**	**
00400	PH (STANDARD UNITS)	02/26/69-12/02/69	11	7.8	7.864	9.	7.5	0.181	0.425	7.5	7.6	8.	8.82
00400	CONVERTED PH (STANDARD UNITS)	02/26/69-12/02/69	11	7.8	7.748	9.	7.5	0.195	0.442	7.5	7.6	8.	8.82
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/26/69-12/02/69	11	0.016	0.018	0.032	0.001	0.	0.01	0.002	0.01	0.025	0.032
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/26/69-12/02/69	11	170.	152.455	180.	110.	629.873	25.097	111.8	120.	170.	178.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	02/26/69-12/02/69	11	0.	0.909	10.	0.	9.091	3.015	0.	0.	0.	8.
00500	RESIDUE, TOTAL (MG/L)	11/03/69-11/03/69	1	370.	370.	370.	370.	0.	0.	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	11/03/69-11/03/69	1	370.	370.	370.	370.	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	02/26/69-12/02/69	11	0.23	0.289	0.86	0.005	0.058	0.24	0.012	0.09	0.4	0.784
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/26/69-12/02/69	11	0.04	0.057	0.22	0.01	0.004	0.064	0.01	0.01	0.07	0.2
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	02/26/69-12/02/69	11	0.03	0.035	0.12	0.005	0.001	0.03	0.008	0.02	0.04	0.104
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/26/69-12/02/69	11	3.9	4.653	9.6	0.18	10.979	3.313	0.524	1.9	8.	9.48
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/26/69-12/02/69	11	0.209	0.247	0.587	0.065	0.024	0.154	0.065	0.104	0.359	0.541
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	02/26/69-12/02/69	11	0.189	0.188	0.554	0.01	0.024	0.156	0.017	0.052	0.261	0.502
00929	SODIUM, TOTAL (MG/L AS NA)	11/03/69-11/03/69	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	11/03/69-11/03/69	1	2.7	2.7	2.7	2.7	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/17/69-11/03/69	2	8.5	8.5	10.	7.	4.5	2.121	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	11/03/69-11/03/69	1	56.	56.	56.	56.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	11/03/69-11/03/69	1	0.23	0.23	0.23	0.23	0.	0.	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	07/17/69-11/03/69	2	9.55	9.55	10.	9.1	0.405	0.636	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	02/26/69-12/02/69	10	2775.	18981.	80000.	80.	981693521.111	31331.989	112.	910.	35750.	79400.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	02/26/69-12/02/69	10	3.443	3.547	4.903	1.903	0.906	0.952	1.973	2.926	4.489	4.9
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3521.761								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/26/69-12/02/69	10	335.	957.	2500.	10.	1074690.	1036.673	11.	57.5	2080.	2482.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/26/69-12/02/69	10	2.525	2.494	3.398	1.	0.761	0.872	1.03	1.709	3.317	3.395
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			311.759								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/16/69-12/02/69	5	20.	47.	110.	5.	2420.	49.193	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0296

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	11	1	0.09	5	1	0.20	3	0	0.00	3	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
00400	PH	Fresh Chronic	9.	11	1	0.09	5	0	0.00	3	0	0.00	3	1	0.33			
		Other-Lo Lim.	6.5	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	250.	2	0	0.00	1	0	0.00	1	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00				1	0	0.00						
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	1	0	0.00				1	0	0.00						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	10	8	0.80	5	5	1.00	2	0	0.00	3	3	1.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	10	7	0.70	4	4	1.00	3	1	0.33	3	2	0.67			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0297

NPS Station ID: CHCH0297
Location: TENNESSEE RIVER
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes: 1021500 007720 00920
RMI-Miles: 0953.80 0046.50 465.60
HUC: 06020001
Major Basin: TENNESSEE RIVER
Minor Basin: TENNESSEE RIVER
RF1 Index: 06020001006
RF3 Index: 06020001001800.00
Description:

LAT/LON: 35.058893/ -85.283338

Depth of Water: 0
Elevation: 0

RF1 Mile Point: 4.990
RF3 Mile Point: 0.00

Agency: 21TNWQ
FIPS State/County: 47065 TENNESSEE/HAMILTON
STORET Station ID(s): 003240 /333240 /233240
Within Park Boundary: No

Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.10

Date Created: / /

On/Off RF1: ON
On/Off RF3:

Parameter Inventory for Station: CHCH0297

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/16/64-08/18/64	20	7.	7.1	9.	6.	0.937	0.968	6.	6.	8.	8.9
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/64-08/18/64	20	25.	25.5	27.	24.	0.895	0.946	24.1	25.	26.	27.
00064	DEPTH OF STREAM, MEAN (FT)	06/16/64-08/18/64	20	14.5	14.5	18.	12.	2.789	1.67	12.1	13.	15.	17.8
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/16/64-08/18/64	20	12.	13.7	45.	7.	69.274	8.323	8.	8.25	14.	23.2
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	06/16/64-08/18/64	20	73.	77.35	245.	55.	1656.239	40.697	55.	62.	75.	89.5
00300	OXYGEN, DISSOLVED MG/L	06/16/64-08/18/64	20	5.6	5.475	5.9	4.7	0.186	0.431	4.71	5.225	5.875	5.9
00310	BOD, 5 DAY, 20 DEG C MG/L	06/16/64-08/18/64	20	0.95	0.885	1.3	0.1	0.087	0.294	0.42	0.7	1.1	1.2
00403	PH, LAB, STANDARD UNITS SU	06/16/64-08/18/64	20	7.	6.975	7.1	6.7	0.019	0.137	6.8	6.8	7.1	7.1
00403	CONVERTED PH, LAB, STANDARD UNITS	06/16/64-08/18/64	20	7.	6.953	7.1	6.7	0.019	0.139	6.8	6.8	7.1	7.1
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/64-08/18/64	20	0.1	0.111	0.2	0.079	0.001	0.038	0.079	0.079	0.158	0.158

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0297

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	20	0	0.00	20	0	0.00									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	20	0	0.00	20	0	0.00									
00403	PH, LAB	Fresh Chronic	9.	20	0	0.00	20	0	0.00									
		Other-Lo Lim.	6.5	20	0	0.00	20	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0298

NPS Station ID: CHCH0298
LAT/LON: 35.059170/ -85.290559
Agency: 1113S090
Date Created: / /
Location: TENN RIV CONTROL N BK MILE 465.4
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM
STORET Station ID(s): 470115 /TRC-03
RMI-Indexes: 1021500 007720 00920
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 465.40
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001006
RF1 Mile Point: 4.540
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 06020001000206.82
RF3 Mile Point: 6.90
Distance from RF3: 0.04
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0298

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

***** Data for this station locked by controlling agency *****

Station Inventory for Station: CHCH0299

NPS Station ID: CHCH0299
LAT/LON: 35.059448/ -85.420559
Agency: 21TNWQ
Date Created: 12/06/77
Location: TENNESSEE RIVER MI. 444
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM/TISSUE
STORET Station ID(s): 003315
RMI-Indexes: 1021500 007720 00920
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 444.00
HUC: 06020001
Depth of Water: 999
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001001
RF1 Mile Point: 26.500
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 06020001001800.00
RF3 Mile Point: 0.00
Distance from RF3: 0.06
On/Off RF3:
Description:
TENNESSEE RIVER (NICKAJACK LAKE) MILE 444.0 BELOW RACCOON MOUNTAIN. QUAD 105SW

Parameter Inventory for Station: CHCH0299

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/01/77-11/17/87	155	1.	75.471	671.	1.	30572.614	174.85	1.	1.	1.	313.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/30/77-12/15/98	218	17.	17.295	30.	4.	54.277	7.367	7.96	10.15	24.05	27.
00023	SAMPLE WEIGHT IN POUNDS	07/12/78-08/03/82	38	2.375	2.934	12.	0.31	7.412	2.723	0.659	0.81	3.735	8.287
00024	SAMPLE LENGTH IN INCHES	07/12/78-08/03/82	38	16.5	20.211	125.	2.5	364.934	19.103	9.475	11.875	21.375	28.025
00060	FLOW, STREAM, MEAN DAILY CFS	10/01/77-03/26/79	14	43350.	46855.714	79500.	20000.	416026595.604	20396.73	21950.	26940.	68550.	76750.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/09/91-12/15/98	44	156.5	159.727	208.	119.	441.366	21.009	132.5	146.	174.	189.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/30/77-12/09/92	173	176.	332.353	26653.	59.	4052526.183	2013.089	141.	162.	198.	217.2
00300p	OXYGEN, DISSOLVED MG/L	11/30/77-12/15/98	212	7.8	8.244	17.8	1.	6.596	2.568	5.13	6.1	10.2	11.8
00310	BOD, 5 DAY, 20 DEG C MG/L	01/08/85-02/11/86	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00335p	COD, .025N K2CR2O7 MG/L	01/25/79-12/15/98	192 ##	2.5	7.924	94.	2.5	150.273	12.259	2.5	2.5	8.	16.56
00340	COD, .25N K2CR2O7 MG/L	11/30/77-09/19/78	11	7.	7.045	17.	0.5	19.123	4.373	0.8	5.	8.	15.8
00400p	PH (STANDARD UNITS)	11/30/77-12/15/98	210	7.3	7.208	9.52	5.02	0.262	0.512	6.582	6.9	7.5	7.794
00400p	CONVERTED PH (STANDARD UNITS)	11/30/77-12/15/98	210	7.3	6.774	9.52	5.02	0.451	0.672	6.582	6.9	7.5	7.794
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/30/77-12/15/98	210	0.05	0.168	9.55	0.	0.495	0.704	0.016	0.032	0.126	0.262
00403	PH, LAB, STANDARD UNITS SU	03/29/78-12/12/94	8	7.25	7.213	8.2	6.2	0.627	0.792	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/29/78-12/12/94	8	7.182	6.725	8.2	6.2	0.898	0.948	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/29/78-12/12/94	8	0.066	0.188	0.631	0.006	0.055	0.234	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	05/19/82-05/19/82	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/30/77-12/15/98	220	5.	7.273	136.	0.5	133.386	11.549	0.5	2.	8.	13.
00572	BIOMASS, PERIPHYTON (GRAMS PER SQUARE METER)	05/25/78-05/25/78	1	4.09	4.09	4.09	4.09	0.	0.	**	**	**	**
00573	BIOMASS, PERIPHYTON,DRY WEIGHT TOTAL (G/M2)	05/25/78-05/25/78	1	10.47	10.47	10.47	10.47	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/22/83-12/15/98	146	0.06	0.08	1.	0.01	0.01	0.098	0.01	0.028	0.1	0.163
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/30/77-12/15/98	210	0.34	0.397	7.	0.005	0.25	0.5	0.19	0.248	0.45	0.568
00635p	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	11/30/77-12/15/98	209	0.3	0.717	62.	0.03	18.3	4.278	0.1	0.2	0.5	0.9
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	11/30/77-12/15/98	210	0.05	0.073	2.4	0.002	0.032	0.178	0.005	0.01	0.09	0.12
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/23/82-12/15/98	162	71.	71.957	190.	43.	248.65	15.769	53.3	64.	78.	88.7
01002p	ARSENIC, TOTAL (UG/L AS AS)	11/30/77-12/15/98	220 ##	1.	1.63	131.	0.5	78.366	8.852	0.5	0.5	1.	1.
01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	07/12/78-08/03/82	29 ##	2.	1.076	2.	0.015	0.954	0.977	0.015	0.015	2.	2.
01027p	CADMIUM, TOTAL (UG/L AS CD)	11/30/77-12/15/98	220 ##	1.	1.194	26.	0.1	3.686	1.92	0.5	0.5	1.	2.
01034p	CHROMIUM, TOTAL (UG/L AS CR)	11/30/77-12/15/98	220 ##	2.5	3.434	44.	0.5	23.979	4.897	0.5	0.5	5.	5.
01042p	COPPER, TOTAL (UG/L AS CU)	11/30/77-12/15/98	220	6.	8.455	46.	0.5	53.366	7.305	2.5	2.5	12.	18.
01045	IRON, TOTAL (UG/L AS FE)	09/10/85-09/10/85	1	76.	76.	76.	76.	0.	0.	**	**	**	**
01051p	LEAD, TOTAL (UG/L AS PB)	11/30/77-12/15/98	218 ##	5.	5.787	40.	0.5	36.034	6.003	0.5	2.5	5.	10.
01055	MANGANESE, TOTAL (UG/L AS MN)	03/17/98-03/17/98	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	02/22/83-12/15/98	158 ##	10.	8.244	68.	0.1	52.339	7.235	1.5	5.	10.	10.
01092	ZINC, TOTAL (UG/L AS ZN)	04/21/82-12/15/98	159	8.	22.321	440.	0.5	2073.143	45.532	2.5	2.5	24.	58.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0299

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-12/15/98	213	84.	1040.502	73000.	1.	29621615.1	5442.574	5.	20.	445.	1356.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-12/15/98	213	1.924	1.967	4.863	0.	0.856	0.925	0.699	1.301	2.648	3.132
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			92.699								
31679p	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	11/21/78-12/15/98	192	30.	258.279	15200.	0.	1344395.541	1159.481	4.	10.	134.5	508.
31679p	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	11/21/78-12/15/98	192	1.477	1.583	4.182	-0.301	0.671	0.819	0.602	1.	2.129	2.706
31679p	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			38.281								
32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	05/25/78-05/25/78	1	37.5	37.5	37.5	37.5	0.	0.	**	**	**	**
32224	PHEOPHYTIN A MG/M2 SPECTROPHOTOMETRIC ACID METH	05/25/78-05/25/78	1	23.8	23.8	23.8	23.8	0.	0.	**	**	**	**
32226	CHLOROPHYLL B, PERIPHYTON, SPECTRO, MG/M2	05/25/78-05/25/78	1	22.9	22.9	22.9	22.9	0.	0.	**	**	**	**
32227	CHLOROPHYLL C, PERIPHYTON SPECTO, MG/M2	05/25/78-05/25/78	1	19.2	19.2	19.2	19.2	0.	0.	**	**	**	**
32228	CHLOROPHYLL A, PERIPHYTON, SPECTRO, MG/M2	05/25/78-05/25/78	1	67.4	67.4	67.4	67.4	0.	0.	**	**	**	**
32240	TANNIN AND LIGNIN (MG/L)	05/10/83-05/10/83	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
34356	ENDOSULFAN, BETA TOTWUG/L	08/03/82-08/03/82	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
34366	ENDRIN ALDEHYDE TOTWUG/L	08/03/82-08/03/82	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
34664	PCB - 1221 WET WGTTISMG/KG	08/03/82-08/03/82	4 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34667	PCB - 1232 WET WGTTISMG/KG	08/03/82-08/03/82	4 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34669	PCB - 1248 WET WGTTISMG/KG	08/03/82-08/03/82	4 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34670	PCB - 1260 WET WGTTISMG/KG	08/03/82-08/03/82	4 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34674	PCB - 1016 WET WGTTISMG/KG	08/03/82-08/03/82	4 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34680	ALDRIN IN FISH TISSUE WET WEIGHT MG/KG	08/03/82-08/03/82	4 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34685	ENDRIN WET WGTTISMG/KG	08/03/82-08/03/82	4 ##	0.01	0.018	0.04	0.01	0.	0.015	**	**	**	**
34689	PCB - 1242 WET WGTTISMG/KG	08/03/82-08/03/82	4 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34690	PCB - 1254 WET WGTTISMG/KG	08/03/82-08/03/82	4 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39063	CHLORDANE-CIS ISOMER,TISSUE WET WGT (UG/G)	08/03/82-08/03/82	4 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	08/03/82-08/03/82	4 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39069	CHLORDANE-NONACHLOR,CIS ISO,TISSUE WET WGT(UG/G)	08/03/82-08/03/82	4 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39072	CHLORDANE-NONACHLOR,TRANS ISO,TISSUE,WET WT,UG/G	08/03/82-08/03/82	4 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	08/03/82-08/03/82	4 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39302	P P DDT IN TISSUE WET WGT (UG/G)	08/03/82-08/03/82	4 ##	0.045	0.048	0.09	0.01	0.002	0.043	**	**	**	**
39307	O P DDT IN TISSUE WET WGT (UG/G)	08/03/82-08/03/82	4 ##	0.055	0.055	0.1	0.01	0.003	0.052	**	**	**	**
39312	P P DDD IN TISSUE WET WGT (UG/G)	08/03/82-08/03/82	4 ##	0.01	0.015	0.03	0.01	0.	0.01	**	**	**	**
39322	P,P'-DDE IN TISSUE WET WGT MG/KG	08/03/82-08/03/82	4 ##	0.01	0.033	0.1	0.01	0.002	0.045	**	**	**	**
39325	O,P DDD IN TISSUE WET WGT (UG/G)	08/03/82-08/03/82	4 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39329	O,P DDE IN TISSUE, WET WGT(UG/G)	08/03/82-08/03/82	4 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39404	DIELDRIN IN TISSUE WET WGT (UG/G)	08/03/82-08/03/82	4 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39515	PCBS (MG/KG) FISH TISSUE MG/KG	07/12/78-08/03/82	10	0.123	0.685	3.47	0.01	1.33	1.153	0.01	0.01	1.209	3.313
39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	08/03/82-08/03/82	4 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
61223	E.COLI, WATER UNFILTERED,ONPG-MUG,COLILERT #/100ML	11/17/98-12/15/98	2	36.	36.	67.	5.	1922.	43.841	**	**	**	**
70508	ACIDITY, TOTAL, HOT (MG/L AS CACO3)	10/11/83-10/11/83	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
71900p	MERCURY, TOTAL (UG/L AS HG)	11/30/77-12/15/98	205 ##	0.1	0.184	4.5	0.	0.12	0.347	0.1	0.1	0.1	0.3
71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	07/12/78-08/03/82	29	0.09	0.121	0.6	0.03	0.014	0.117	0.04	0.05	0.13	0.22
71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	07/12/78-08/03/82	28 ##	0.5	0.467	1.4	0.1	0.141	0.375	0.1	0.1	0.6	1.11
71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	07/12/78-08/03/82	28	0.46	1.04	11.	0.06	4.867	2.206	0.096	0.205	0.615	2.179
71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	07/12/78-08/03/82	29	0.05	0.12	0.5	0.01	0.03	0.172	0.01	0.01	0.085	0.5
71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	07/12/78-08/03/82	29 ##	0.01	0.027	0.07	0.01	0.	0.022	0.01	0.01	0.05	0.06
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	07/12/78-10/16/79	6	4.5	4.167	5.	2.	1.367	1.169	**	**	**	**
81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	07/12/78-10/16/79	6	2.	2.333	4.	1.	1.067	1.033	**	**	**	**
81644	METHOXYCHLOR IN FISH TISSUE,UG/G WET WEIGHT	08/03/82-08/03/82	4 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0299

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	212	1	0.00	85	0	0.00	74	1	0.01	53	0	0.00			
00400	PH	Fresh Chronic	9.	210	1	0.00	85	0	0.00	73	1	0.01	52	0	0.00			
		Other-Lo Lim.	6.5	210	19	0.09	85	7	0.08	73	5	0.07	52	7	0.13			
00403	PH, LAB	Fresh Chronic	9.	8	0	0.00	2	0	0.00	3	0	0.00	3	0	0.00			
		Other-Lo Lim.	6.5	8	3	0.38	2	1	0.50	3	1	0.33	3	1	0.33			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

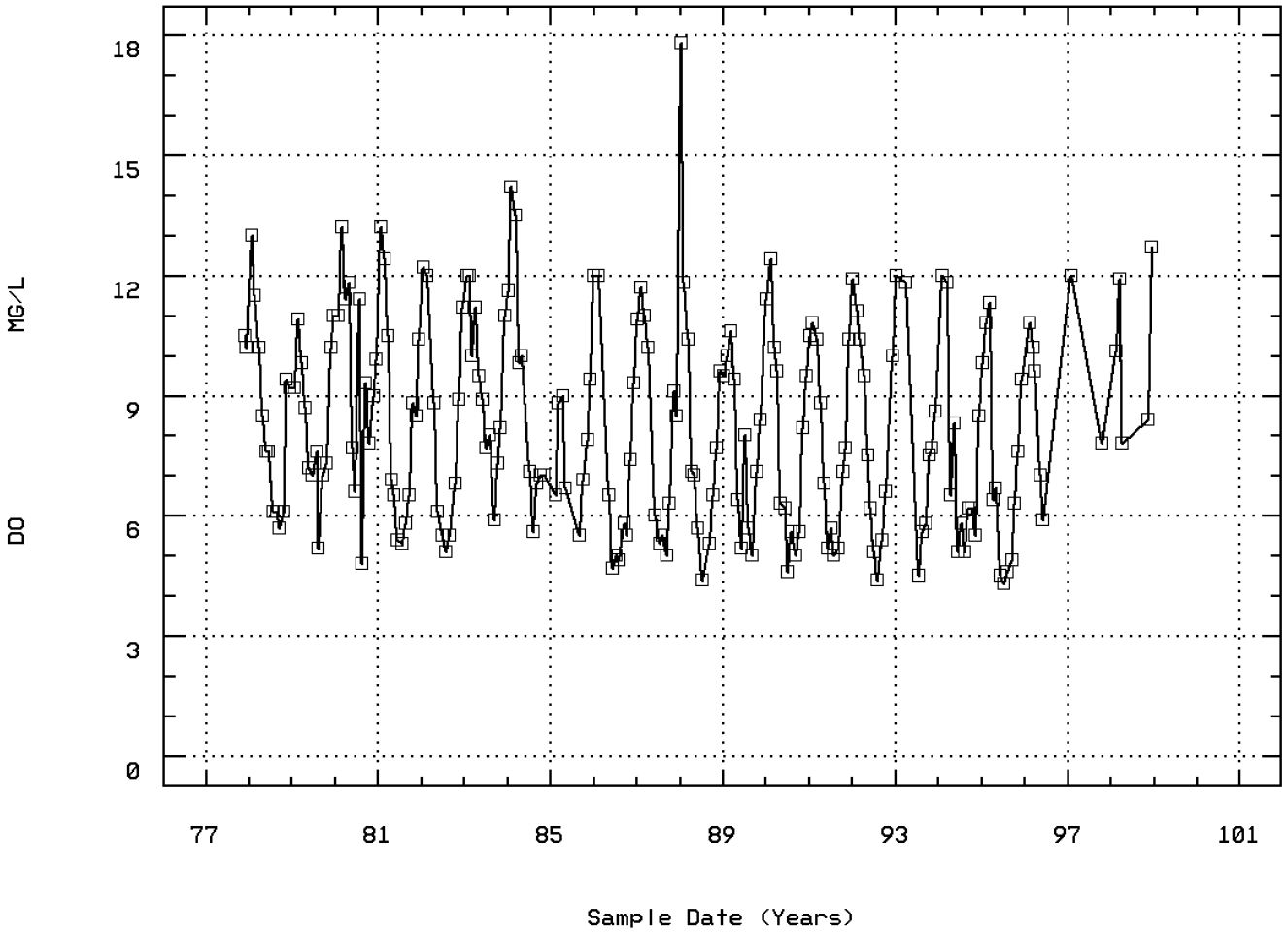
EPA Water Quality Criteria Analysis for Station: CHCH0299

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	210	0	0.00	83	0	0.00	73	0	0.00	54	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	220	0	0.00	88	0	0.00	77	0	0.00	55	0	0.00			
		Drinking Water	50.	220	1	0.00	88	0	0.00	77	0	0.00	55	1	0.02			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	219 &	8	0.04	87	3	0.03	77	2	0.03	55	3	0.05			
		Drinking Water	5.	219 &	2	0.01	87	0	0.00	77	1	0.01	55	1	0.02			
01034	CHROMIUM, TOTAL	Drinking Water	100.	220	0	0.00	88	0	0.00	77	0	0.00	55	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	220	23	0.10	88	9	0.10	77	7	0.09	55	7	0.13			
		Drinking Water	1300.	220	0	0.00	88	0	0.00	77	0	0.00	55	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	218	0	0.00	87	0	0.00	76	0	0.00	55	0	0.00			
		Drinking Water	15.	215 &	10	0.05	86	3	0.03	74	4	0.05	55	3	0.05			
01067	NICKEL, TOTAL	Fresh Acute	1400.	158	0	0.00	64	0	0.00	54	0	0.00	40	0	0.00			
		Drinking Water	100.	158	0	0.00	64	0	0.00	54	0	0.00	40	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	159	3	0.02	63	2	0.03	54	1	0.02	42	0	0.00			
		Drinking Water	5000.	159	0	0.00	63	0	0.00	54	0	0.00	42	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	213	79	0.37	86	30	0.35	74	28	0.38	53	21	0.40			
34356	ENDOSULFAN, BETA, TOTAL	Fresh Acute	0.22	1	0	0.00	1	0	0.00									
71900	MERCURY, TOTAL	Fresh Acute	2.4	205	1	0.00	83	1	0.01	72	0	0.00	50	0	0.00			
		Drinking Water	2.	205	1	0.00	83	1	0.01	72	0	0.00	50	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station: CHCH0299 Parameter Code: 00300

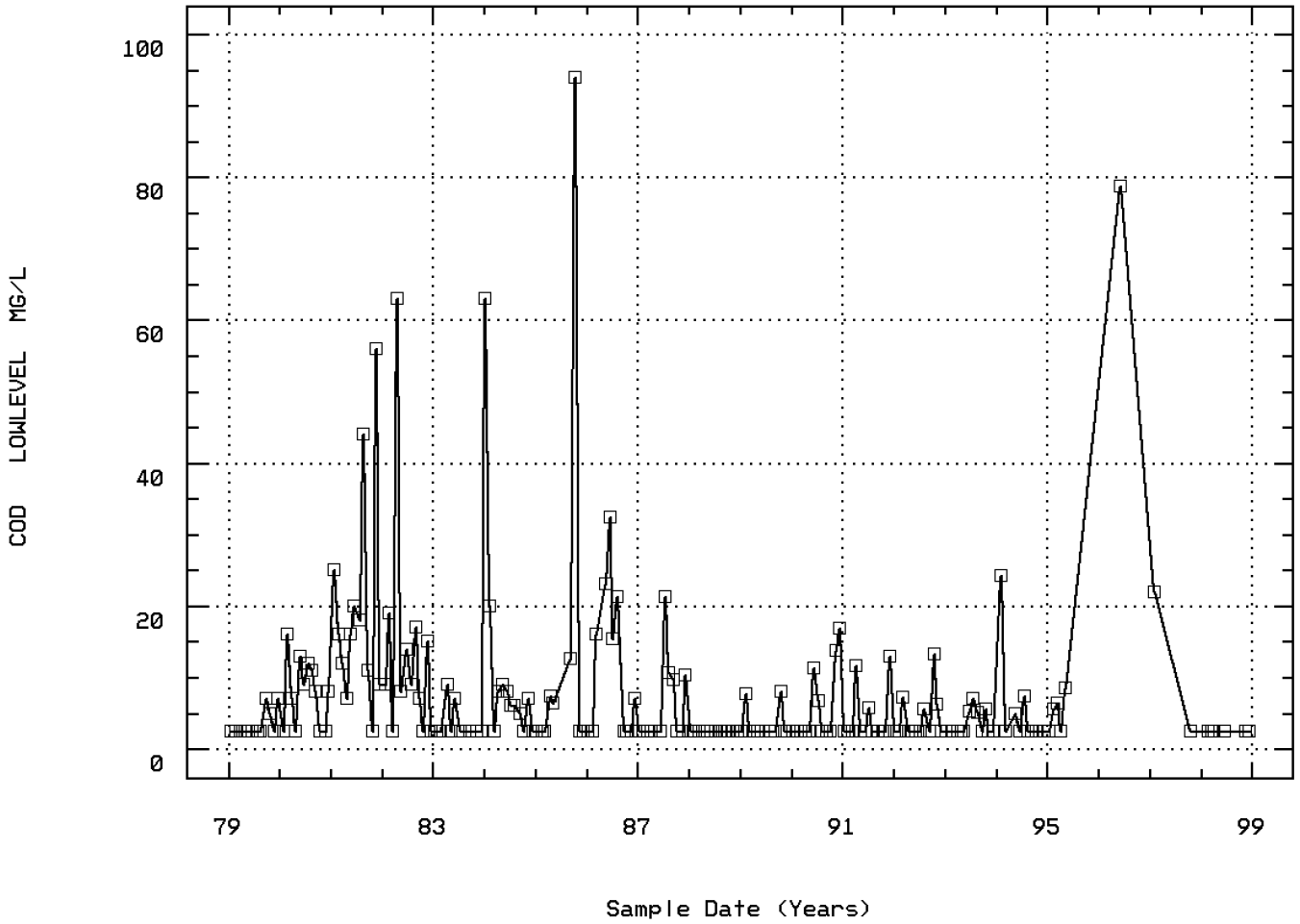
OXYGEN, DISSOLVED



TENNESSEE RIVER MI. 444

Station: CHCH0299 Parameter Code: 00335

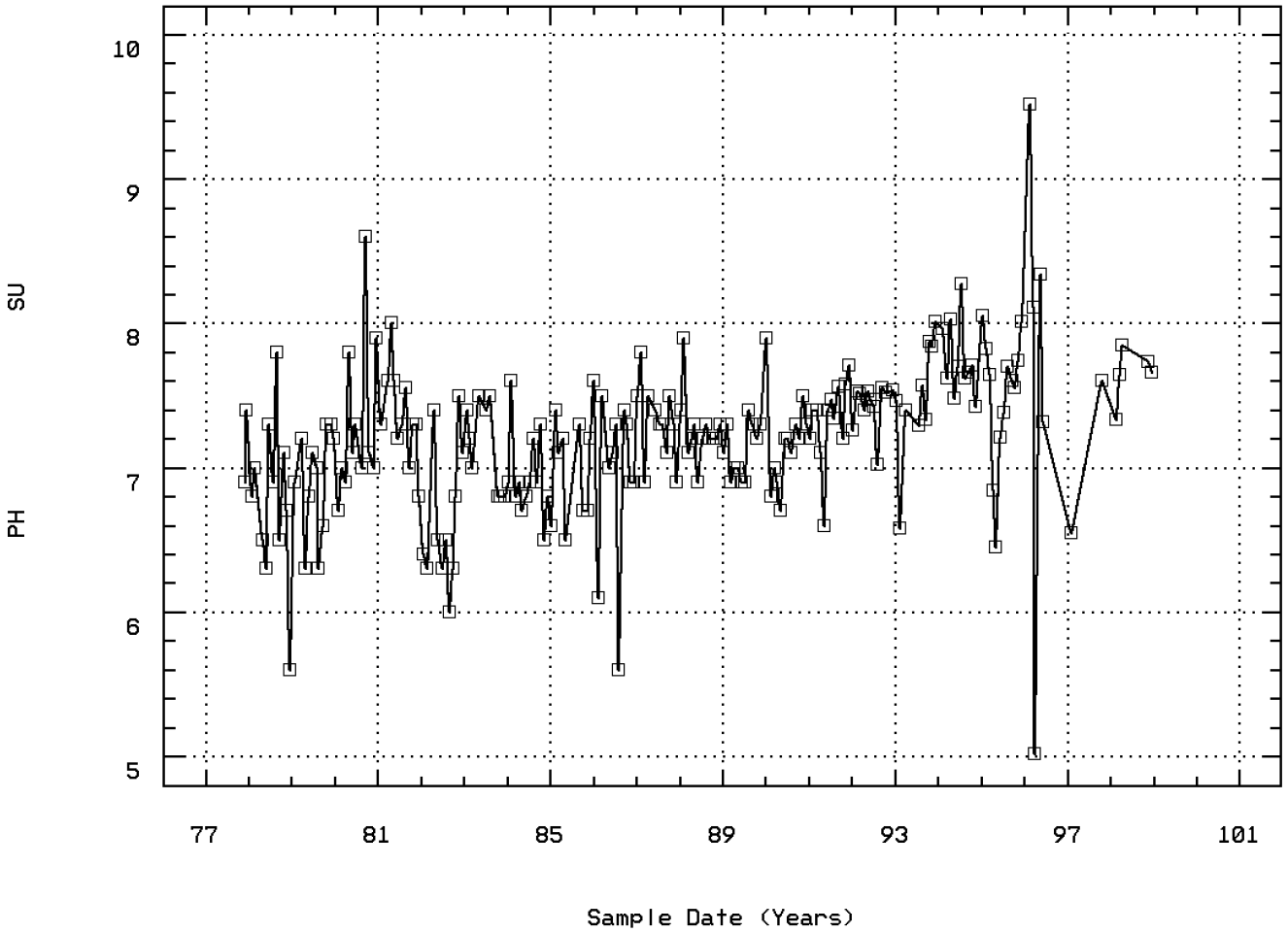
COD, .025N K2CR2O7



TENNESSEE RIVER MI. 444

Station: CHCH0299 Parameter Code: 00400

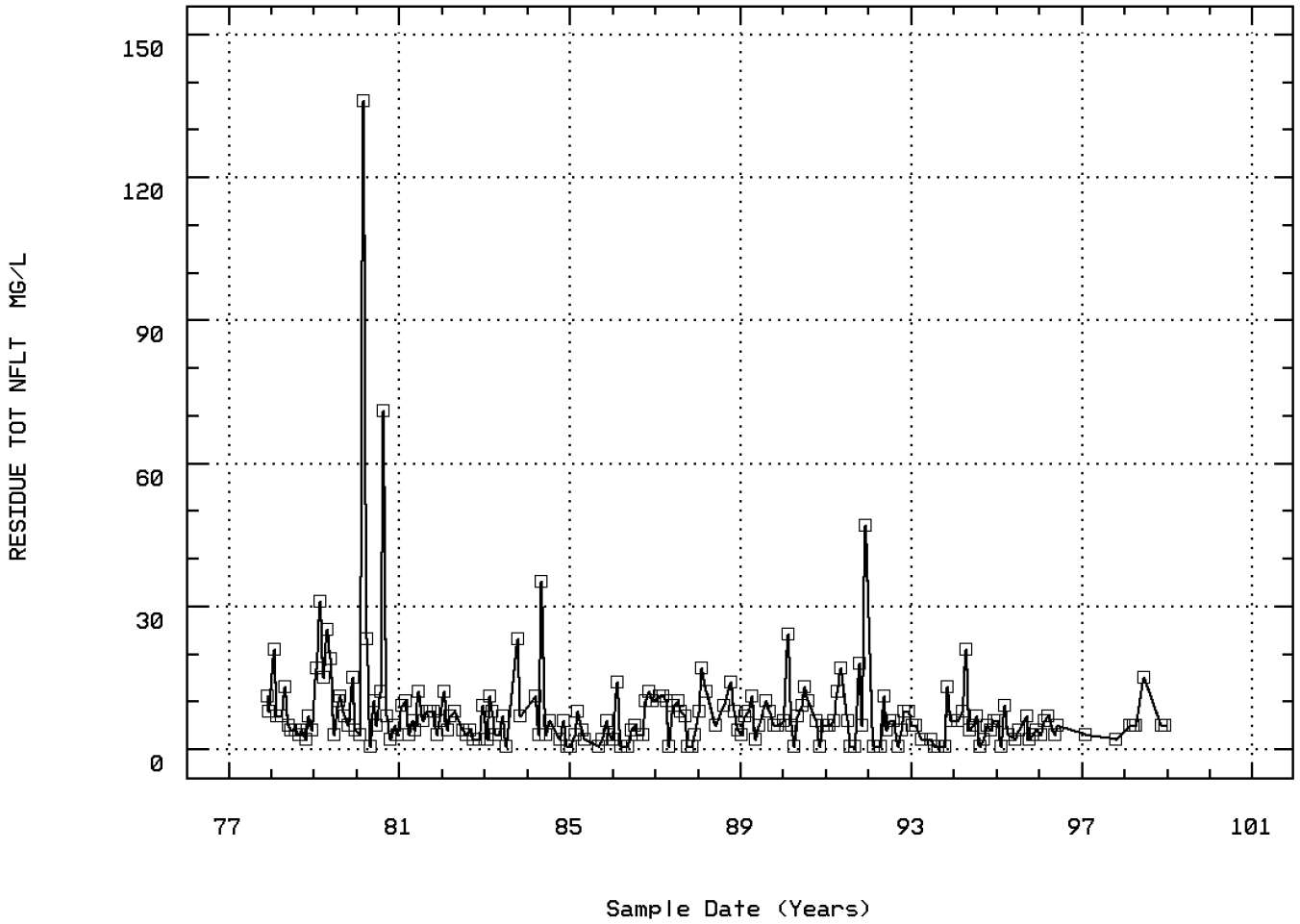
PH (STANDARD UNITS)



TENNESSEE RIVER MI. 444

Station: CHCH0299 Parameter Code: 00530

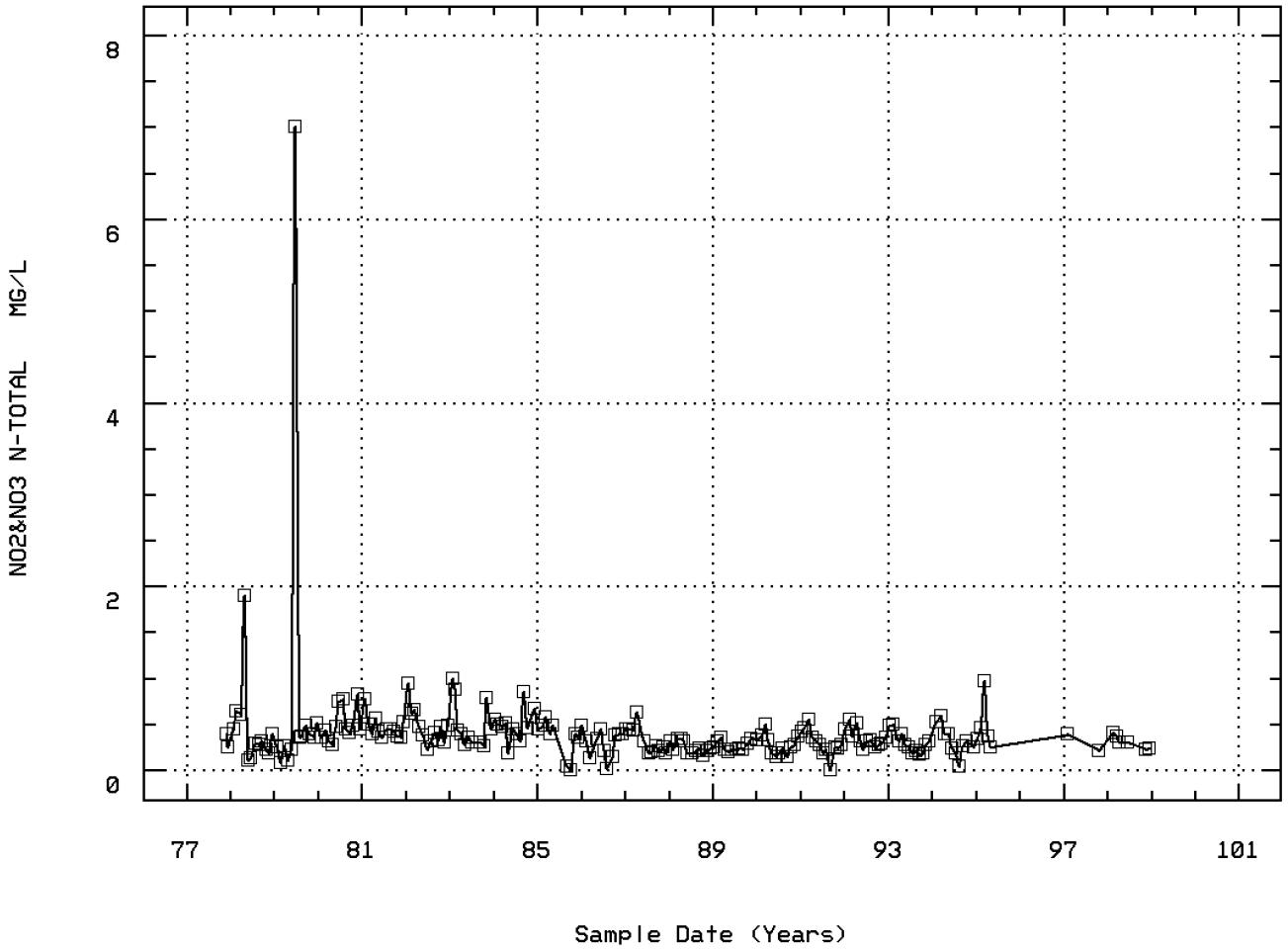
RESIDUE, TOTAL NONFILTRABLE (MG/L)



TENNESSEE RIVER MI. 444

Station: CHCH0299 Parameter Code: 00630

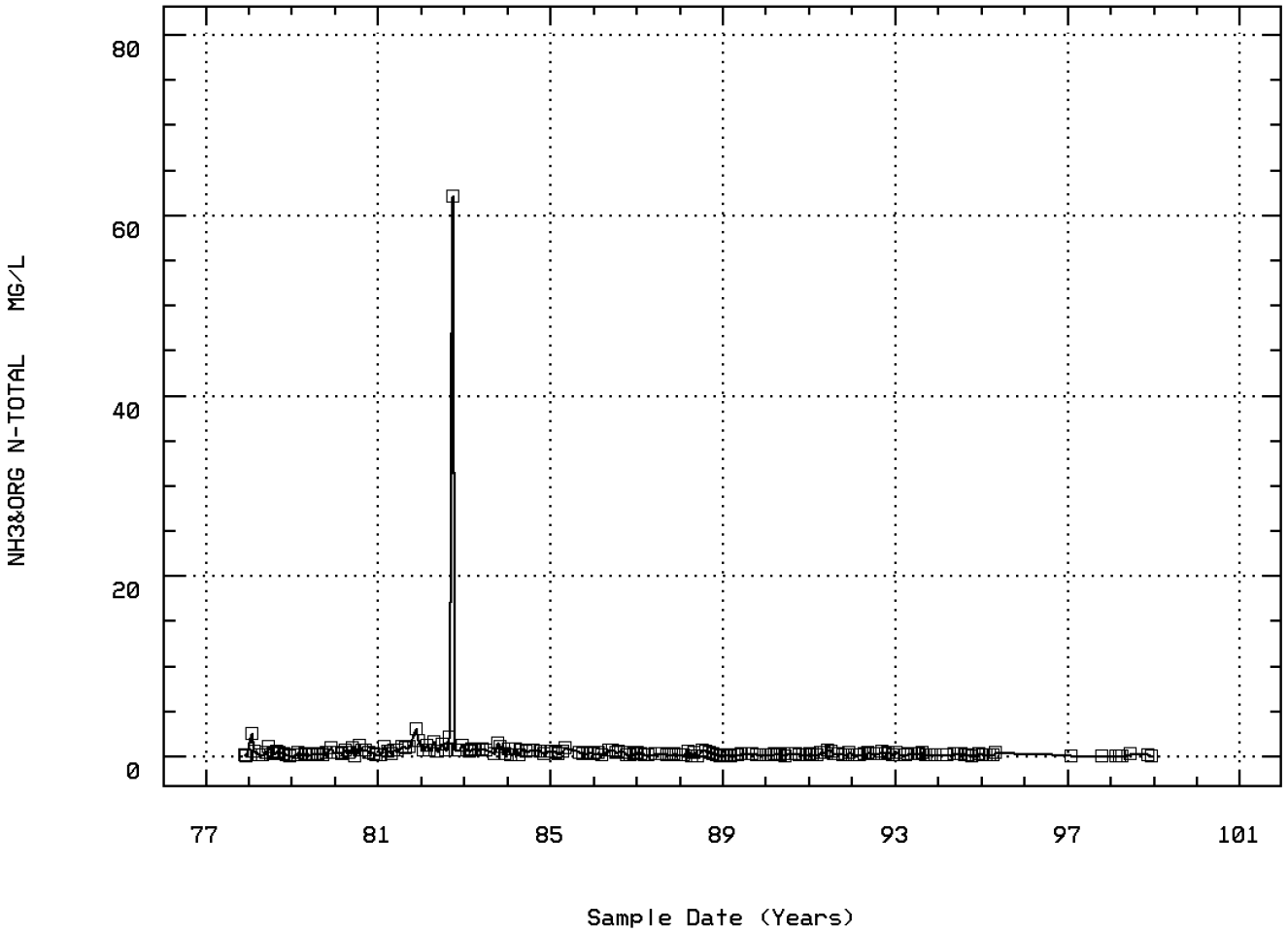
NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/



TENNESSEE RIVER MI. 444

Station: CHCH0299 Parameter Code: 00635

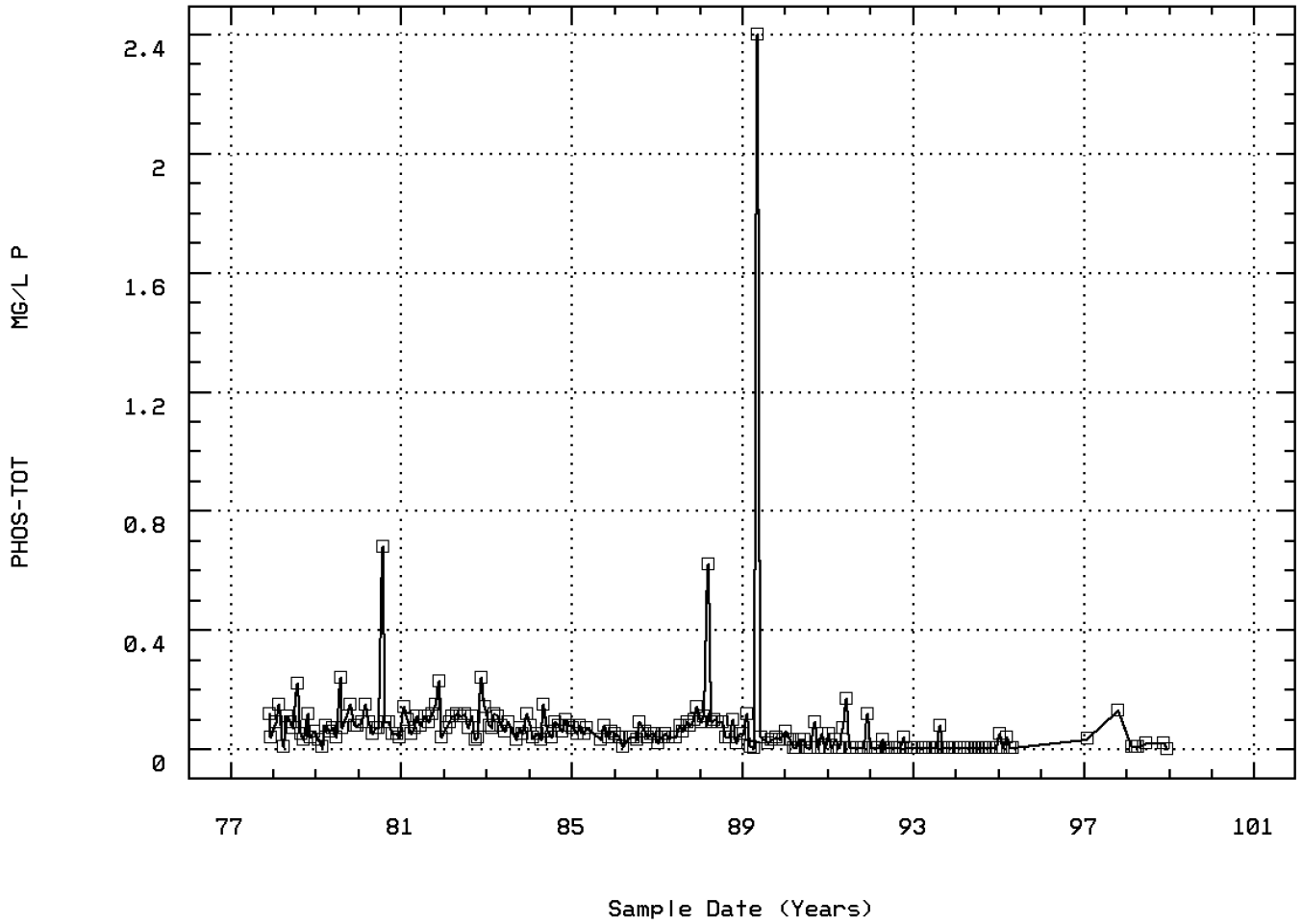
NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG



TENNESSEE RIVER MI. 444

Station: CHCH0299 Parameter Code: 00665

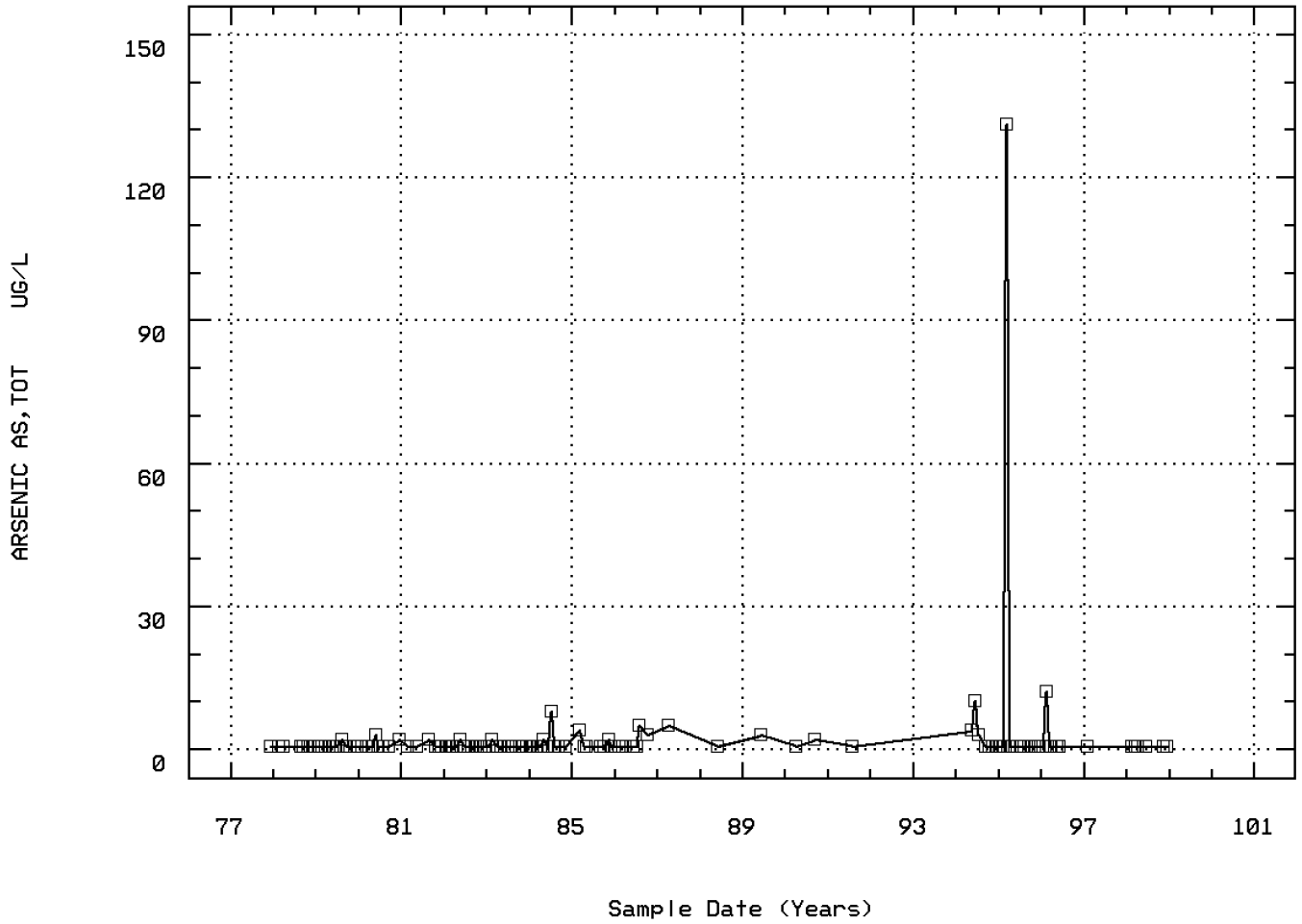
PHOSPHORUS, TOTAL (MG/L AS P)



TENNESSEE RIVER MI. 444

Station: CHCH0299 Parameter Code: 01002

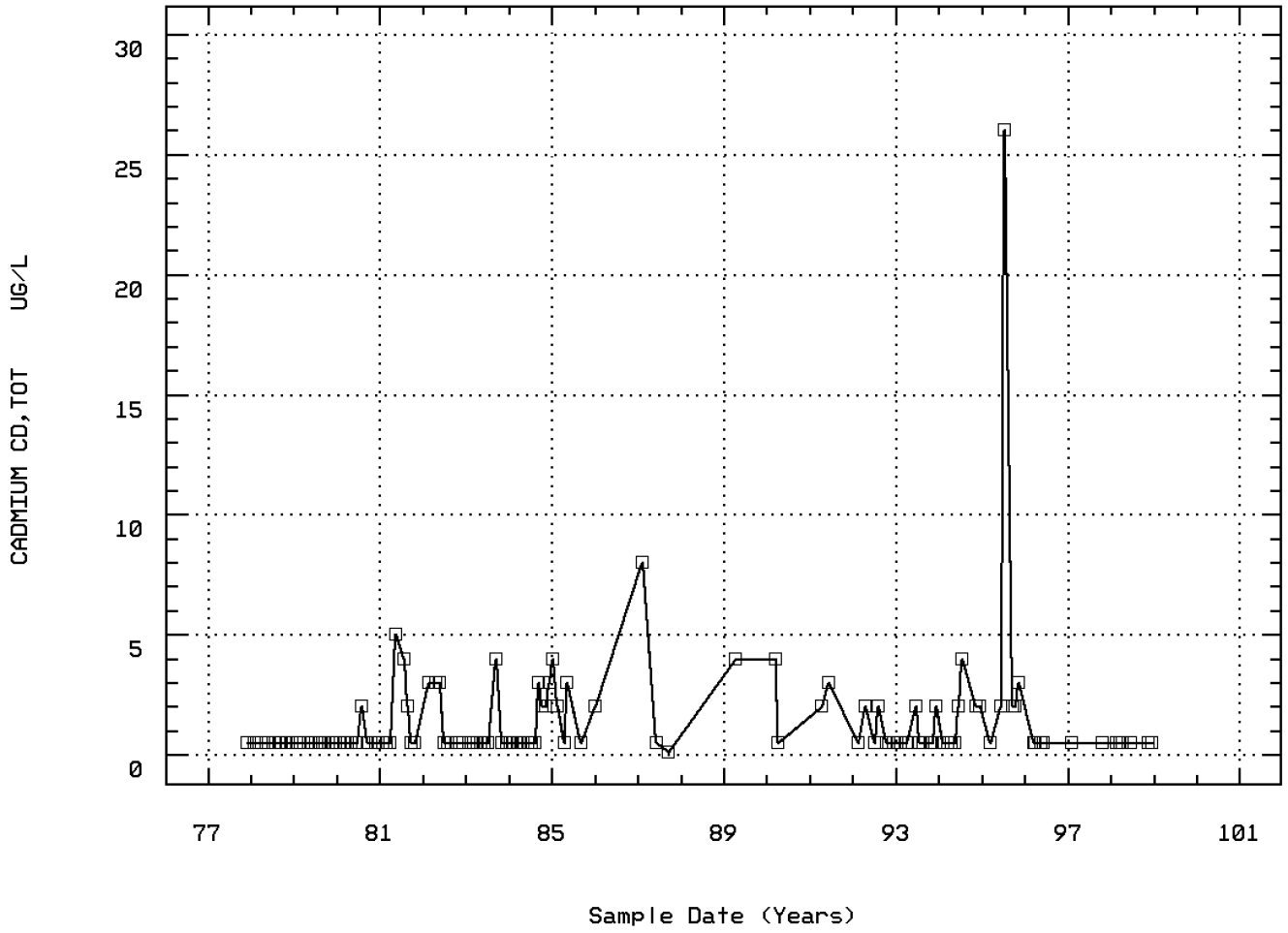
ARSENIC, TOTAL (UG/L AS AS)



TENNESSEE RIVER MI. 444

Station: CHCH0299 Parameter Code: 01027

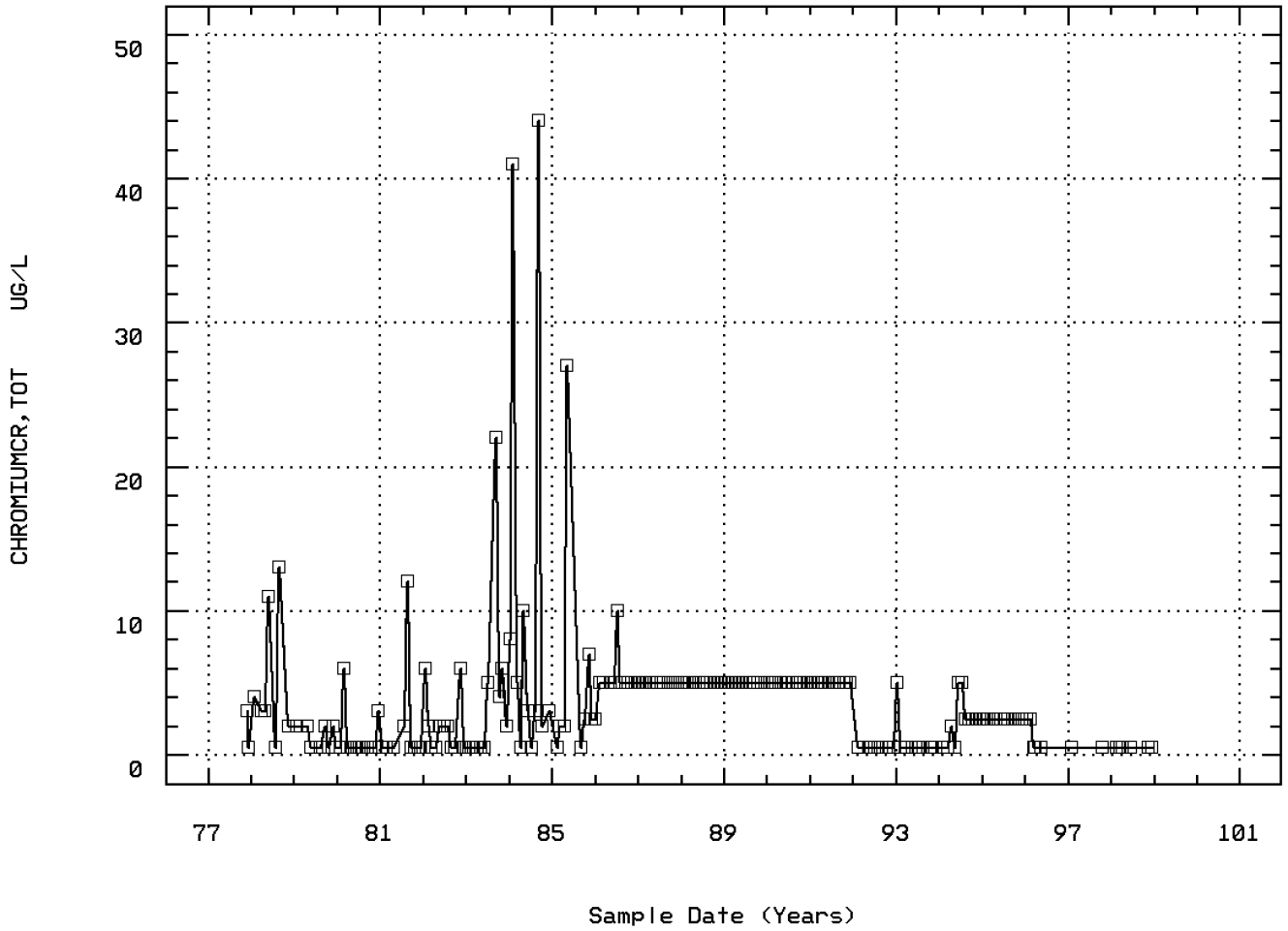
CADMIUM, TOTAL (UG/L AS CD)



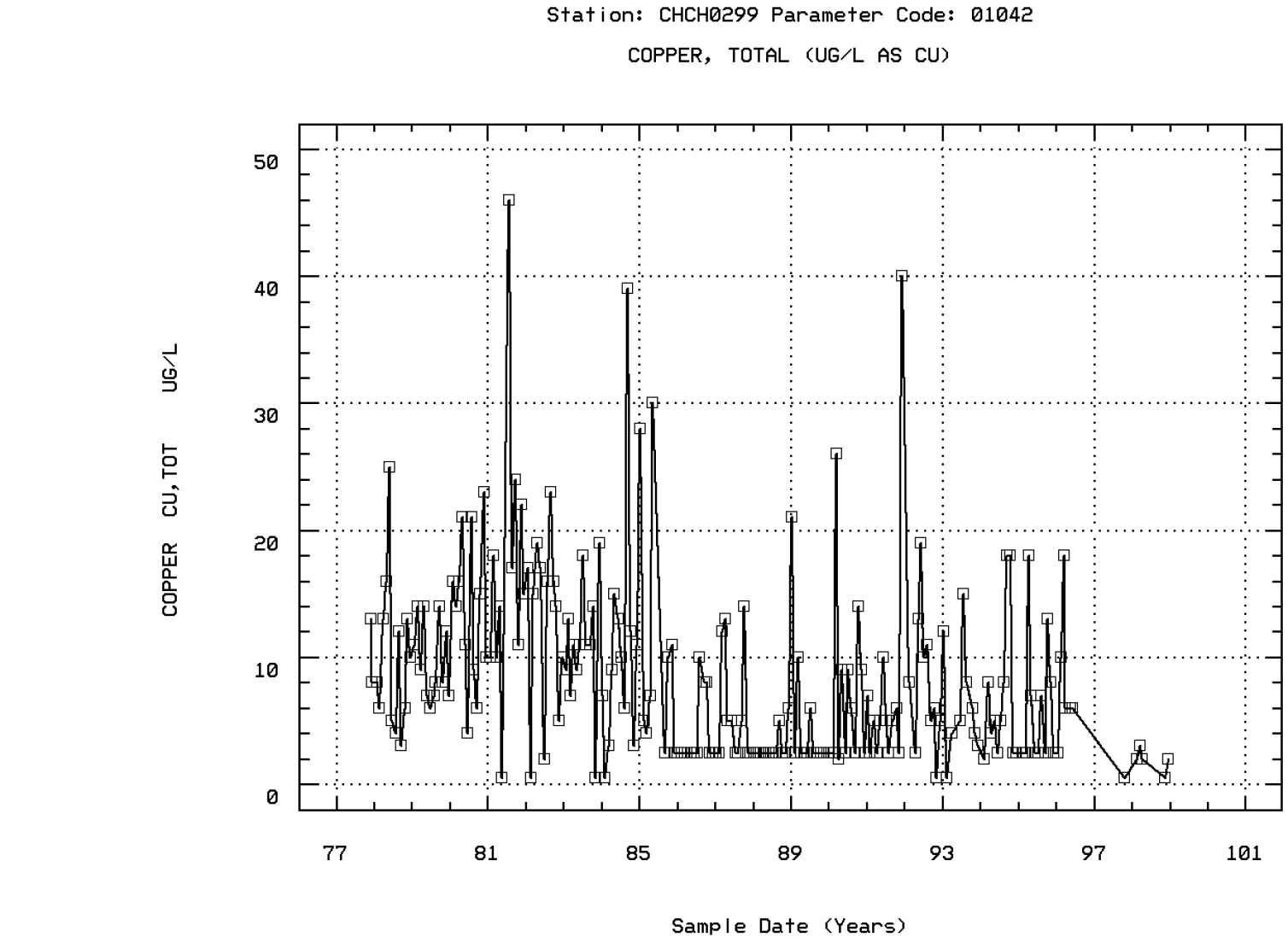
TENNESSEE RIVER MI. 444

Station: CHCH0299 Parameter Code: 01034

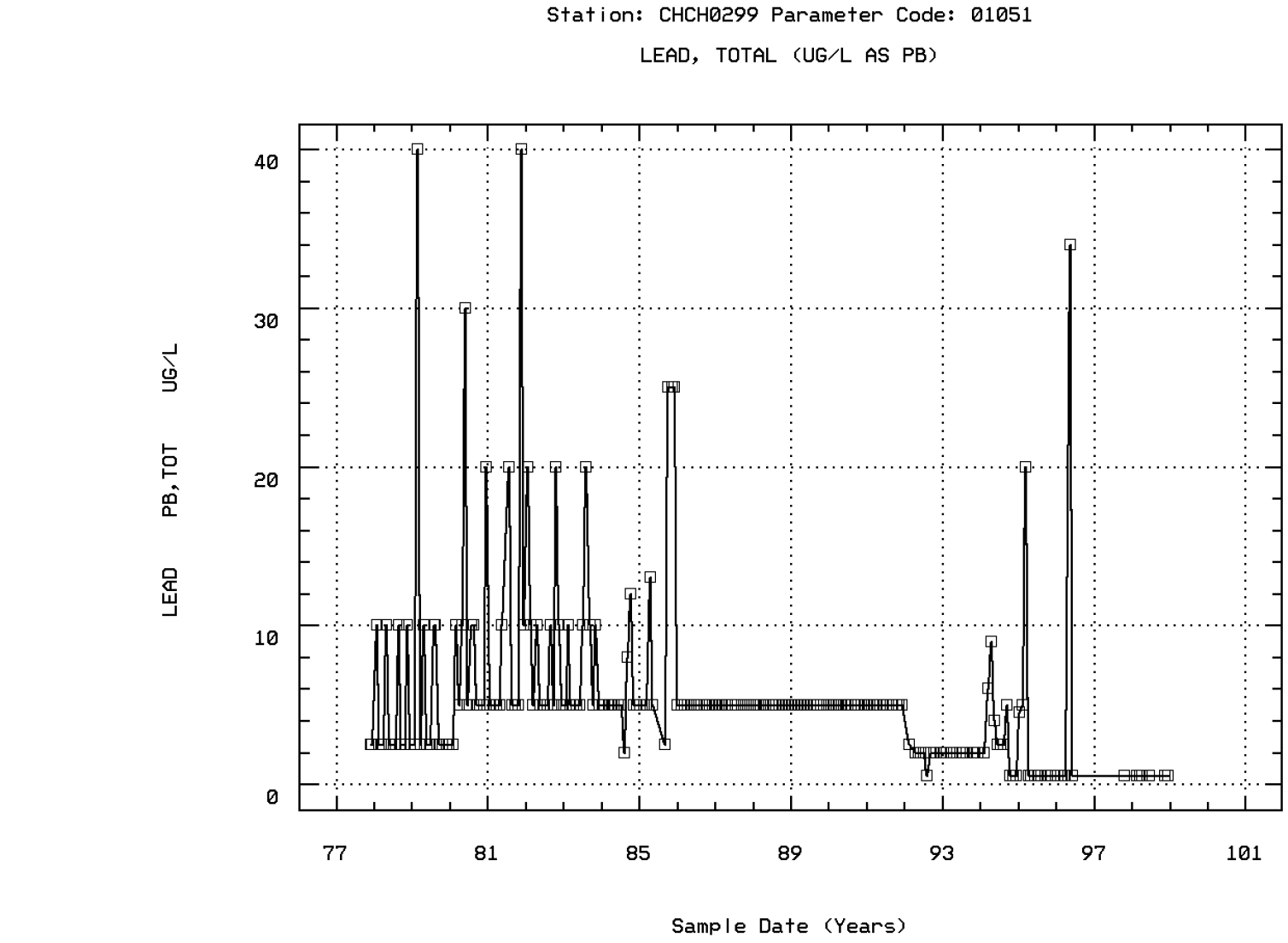
CHROMIUM, TOTAL (UG/L AS CR)



TENNESSEE RIVER MI. 444



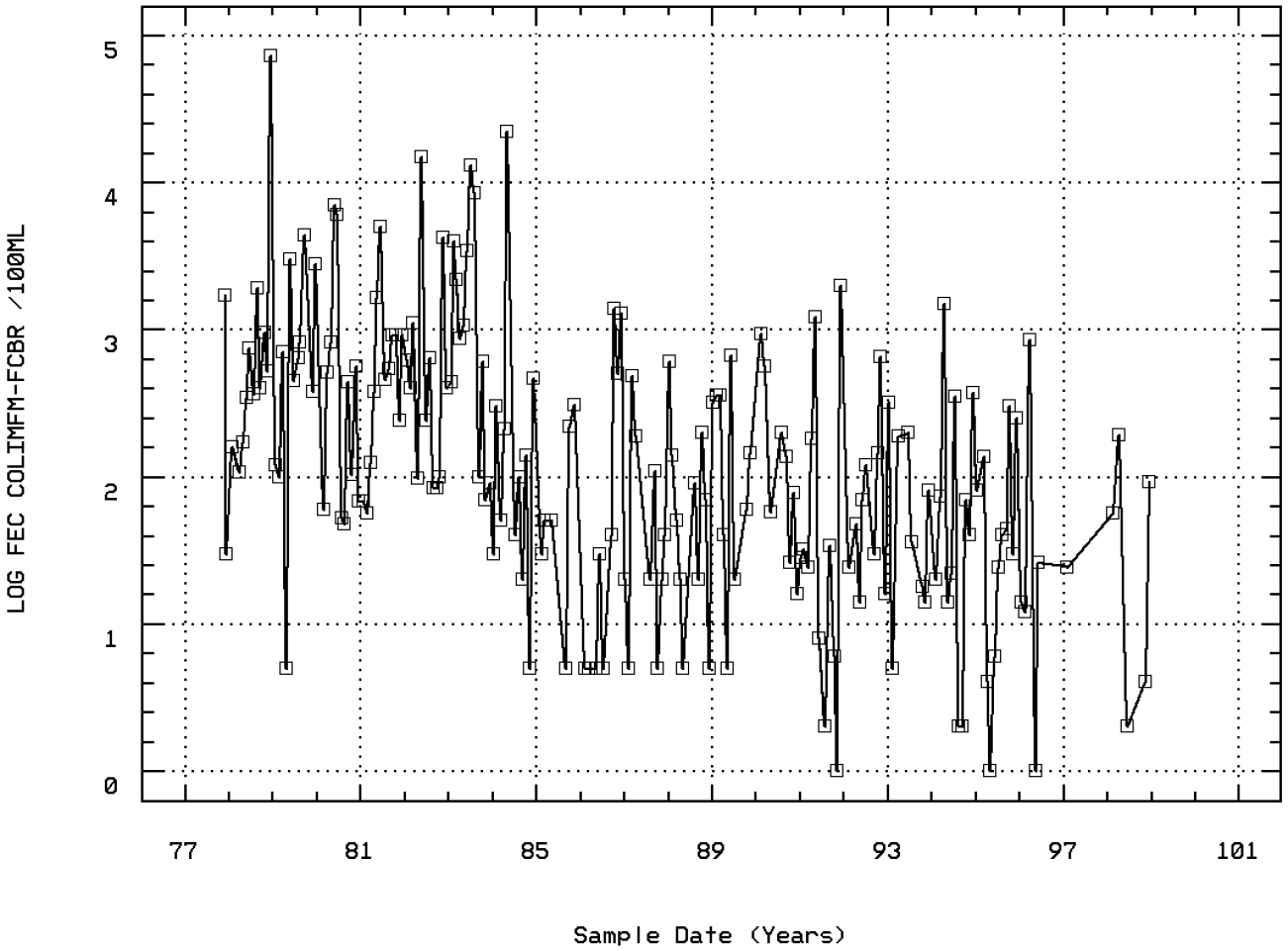
TENNESSEE RIVER MI. 444



TENNESSEE RIVER MI. 444

Station: CHCH0299 Parameter Code: 31616

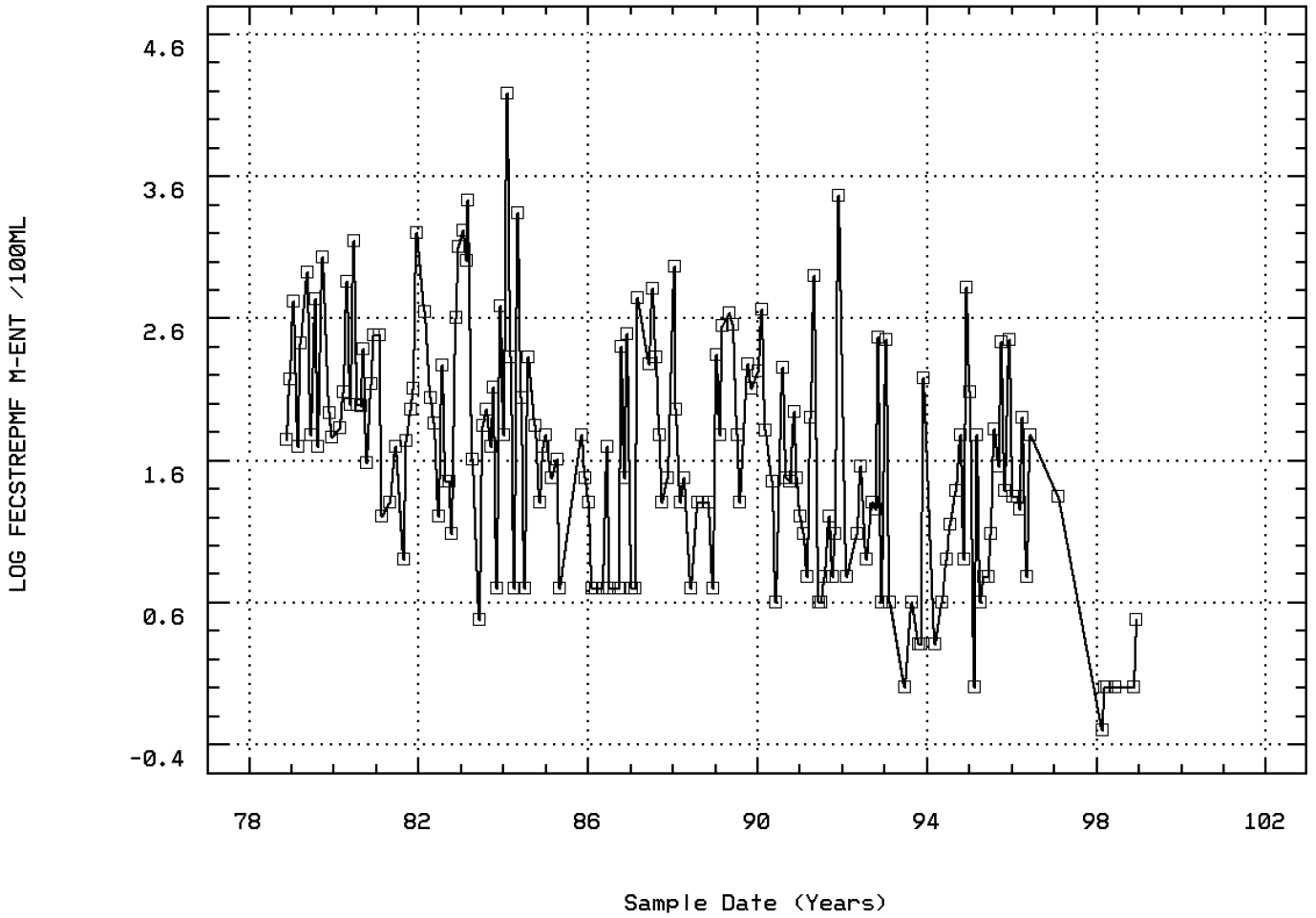
LOG FECAL COLIFORM,MEMBR FILTER,M-FC BR



TENNESSEE RIVER MI. 444

Station: CHCH0299 Parameter Code: 31679

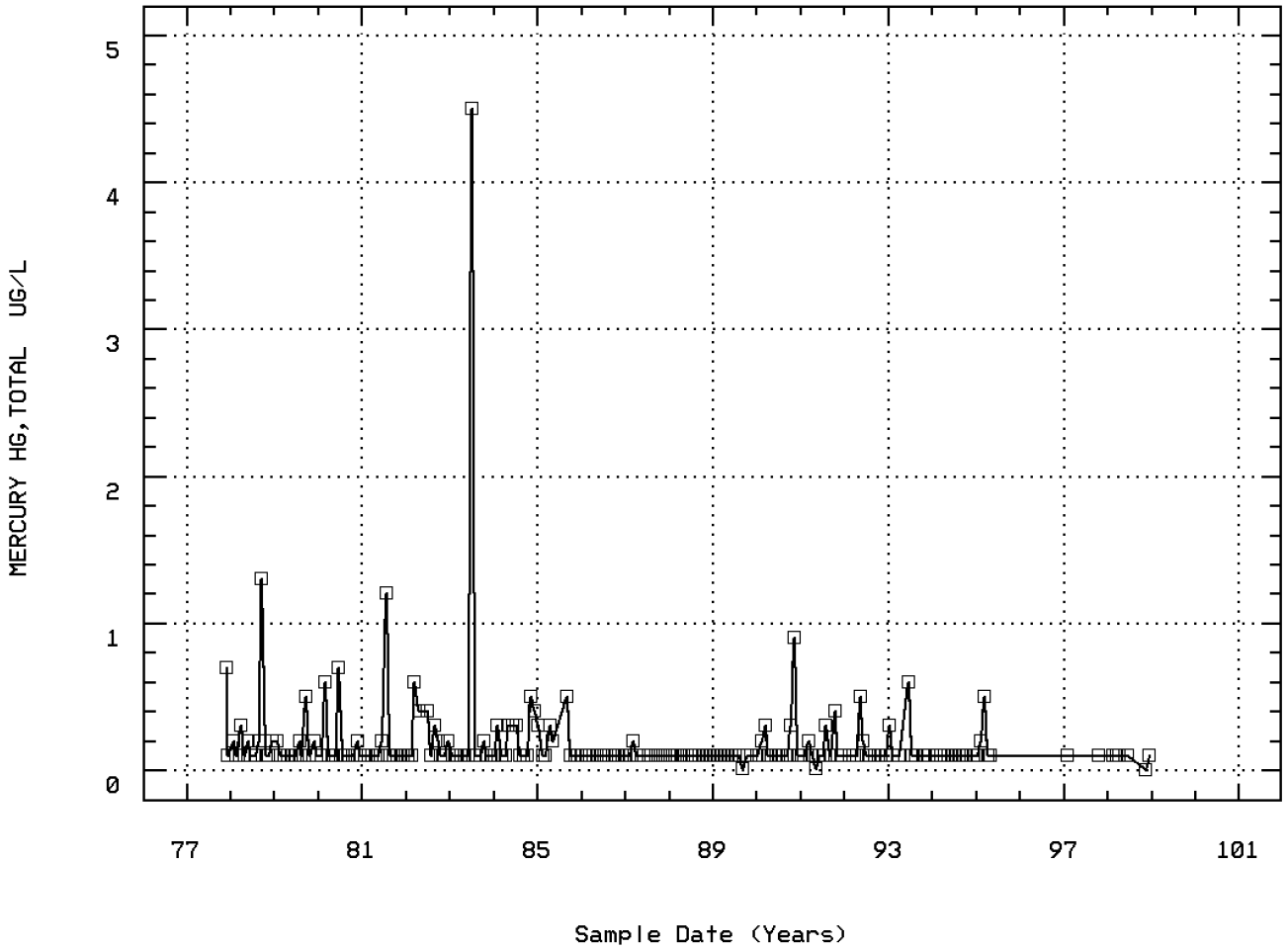
LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCU



TENNESSEE RIVER MI. 444

Station: CHCH0299 Parameter Code: 71900

MERCURY, TOTAL (UG/L AS HG)



TENNESSEE RIVER MI. 444

Annual Analysis for 1977 - Station CHCH0299

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/01/77-11/17/87	4	1.	1.	1.	1.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/30/77-12/15/98	2	11.5	11.5	13.	10.	4.5	2.121	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/30/77-12/09/92	2	180.	180.	185.	175.	50.	7.071	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	11/30/77-12/15/98	2	10.35	10.35	10.5	10.2	0.045	0.212	**	**	**	**
00400p	PH (STANDARD UNITS)	11/30/77-12/15/98	2	7.15	7.15	7.4	6.9	0.125	0.354	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	11/30/77-12/15/98	2	7.082	7.082	7.4	6.9	0.134	0.367	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/30/77-12/15/98	2	0.083	0.083	0.126	0.04	0.004	0.061	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/30/77-12/15/98	2	9.5	9.5	11.	8.	4.5	2.121	**	**	**	**
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/30/77-12/15/98	2	0.325	0.325	0.4	0.25	0.011	0.106	**	**	**	**
00635p	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	11/30/77-12/15/98	2 ##	0.125	0.125	0.2	0.05	0.011	0.106	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	11/30/77-12/15/98	2	0.08	0.08	0.12	0.04	0.003	0.057	**	**	**	**
01002p	ARSENIC, TOTAL (UG/L AS AS)	11/30/77-12/15/98	2 ##	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
01027p	CADMIUM, TOTAL (UG/L AS CD)	11/30/77-12/15/98	2 ##	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
01034p	CHROMIUM, TOTAL (UG/L AS CR)	11/30/77-12/15/98	2 ##	1.75	1.75	3.	0.5	3.125	1.768	**	**	**	**
01042p	COPPER, TOTAL (UG/L AS CU)	11/30/77-12/15/98	2	10.5	10.5	13.	8.	12.5	3.536	**	**	**	**
01051p	LEAD, TOTAL (UG/L AS PB)	11/30/77-12/15/98	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-12/15/98	2	865.	865.	1700.	30.	1394450.	1180.868	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-12/15/98	2	2.354	2.354	3.23	1.477	1.537	1.24	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			225.832								
71900p	MERCURY, TOTAL (UG/L AS HG)	11/30/77-12/15/98	2 ##	0.4	0.4	0.7	0.1	0.18	0.424	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station CHCH0299

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/01/77-11/17/87	35	81.	191.943	671.	1.	58238.055	241.326	1.	1.	313.	641.4
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/30/77-12/15/98	12	17.5	17.458	27.	4.	67.975	8.245	4.6	9.625	25.75	27.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/30/77-12/09/92	12	177.5	180.417	225.	150.	480.992	21.932	152.1	163.5	190.	220.5
00300p	OXYGEN, DISSOLVED MG/L	11/30/77-12/15/98	12	8.05	8.417	13.	5.7	5.463	2.337	5.82	6.1	10.	12.55
00400p	PH (STANDARD UNITS)	11/30/77-12/15/98	11	6.8	6.773	7.8	5.6	0.326	0.571	5.74	6.5	7.1	7.7
00400p	CONVERTED PH (STANDARD UNITS)	11/30/77-12/15/98	11	6.8	6.4	7.8	5.6	0.479	0.692	5.74	6.5	7.1	7.7
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/30/77-12/15/98	11	0.158	0.398	2.512	0.016	0.512	0.716	0.023	0.079	0.316	2.11
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/30/77-12/15/98	12	4.5	6.75	21.	2.	28.386	5.328	2.3	4.	7.	18.6
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/30/77-12/15/98	12	0.3	0.458	1.9	0.11	0.234	0.484	0.116	0.198	0.56	1.522
00635p	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	11/30/77-12/15/98	12	0.35	0.538	2.5	0.05	0.46	0.678	0.065	0.125	0.5	2.08
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	11/30/77-12/15/98	12	0.08	0.087	0.22	0.01	0.003	0.058	0.016	0.043	0.118	0.199
01002p	ARSENIC, TOTAL (UG/L AS AS)	11/30/77-12/15/98	12 ##	0.5	0.708	1.	0.5	0.066	0.257	0.5	0.5	1.	1.
01027p	CADMIUM, TOTAL (UG/L AS CD)	11/30/77-12/15/98	12 ##	0.5	0.625	1.	0.5	0.051	0.226	0.5	0.5	0.875	1.
01034p	CHROMIUM, TOTAL (UG/L AS CR)	11/30/77-12/15/98	12	1.5	3.458	13.	0.5	17.248	4.153	0.65	1.	3.75	12.4
01042p	COPPER, TOTAL (UG/L AS CU)	11/30/77-12/15/98	12	9.	10.083	25.	3.	38.992	6.244	3.3	5.25	13.	22.3
01051p	LEAD, TOTAL (UG/L AS PB)	11/30/77-12/15/98	12 ##	2.5	5.	10.	2.5	13.636	3.693	2.5	2.5	10.	10.
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-12/15/98	11	400.	7153.636	73000.	108.	477198125.255	21844.865	118.4	172.	950.	58784.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-12/15/98	11	2.602	2.808	4.863	2.033	0.596	0.772	2.068	2.236	2.978	4.547
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			643.045								
31679p	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	11/21/78-12/15/98	2	102.	102.	148.	56.	4232.	65.054	**	**	**	**
31679p	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	11/21/78-12/15/98	2	1.959	1.959	2.17	1.748	0.089	0.298	**	**	**	**
31679p	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			91.038								
71900p	MERCURY, TOTAL (UG/L AS HG)	11/30/77-12/15/98	12 ##	0.15	0.25	1.3	0.1	0.114	0.337	0.1	0.1	0.2	1.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station CHCH0299

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/01/77-11/17/87	25	121.	195.4	642.	1.	56952.167	238.647	1.	1.	412.	611.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/30/77-12/15/98	12	18.	16.225	24.2	7.5	43.08	6.564	7.65	8.75	22.75	24.14
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/30/77-12/09/92	11	160.	137.455	170.	59.	1716.873	41.435	61.2	100.	165.	170.
00300p	OXYGEN, DISSOLVED MG/L	11/30/77-12/15/98	12	8.15	8.425	11.	5.2	3.308	1.819	5.74	7.05	10.1	10.97
00335p	COD, .025N K2CR2O7 MG/L	01/25/79-12/15/98	12 ##	2.5	3.458	7.	2.5	3.248	1.802	2.5	2.5	4.375	7.
00400p	PH (STANDARD UNITS)	11/30/77-12/15/98	11	7.	6.909	7.3	6.3	0.137	0.37	6.3	6.6	7.2	7.3
00400p	CONVERTED PH (STANDARD UNITS)	11/30/77-12/15/98	11	7.	6.753	7.3	6.3	0.164	0.405	6.3	6.6	7.2	7.3
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/30/77-12/15/98	11	0.1	0.177	0.501	0.05	0.029	0.171	0.05	0.063	0.251	0.501
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/30/77-12/15/98	12	13.	13.5	31.	3.	74.455	8.629	3.3	5.5	18.5	29.2
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/30/77-12/15/98	12	0.36	0.868	7.	0.08	3.748	1.936	0.089	0.228	0.468	5.053
00635p	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	11/30/77-12/15/98	12	0.3	0.308	0.9	0.1	0.048	0.219	0.1	0.125	0.4	0.75
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	11/30/77-12/15/98	12	0.075	0.085	0.24	0.01	0.004	0.061	0.016	0.045	0.103	0.213
01002p	ARSENIC, TOTAL (UG/L AS AS)	11/30/77-12/15/98	12 ##	0.5	0.667	2.	0.5	0.197	0.444	0.5	0.5	0.5	1.7
01027p	CADMIUM, TOTAL (UG/L AS CD)	11/30/77-12/15/98	12 ##	0.5	0.583	1.	0.5	0.038	0.195	0.5	0.5	0.5	1.
01034p	CHROMIUM, TOTAL (UG/L AS CR)	11/30/77-12/15/98	12	1.	1.167	2.	0.5	0.424	0.651	0.5	0.5	2.	2.
01042p	COPPER, TOTAL (UG/L AS CU)	11/30/77-12/15/98	12	8.5	9.75	14.	6.	9.477	3.079	6.3	7.	13.5	14.
01051p	LEAD, TOTAL (UG/L AS PB)	11/30/77-12/15/98	12 ##	2.5	7.5	40.	2.5	115.909	10.766	2.5	2.5	10.	31.
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-12/15/98	11	640.	1219.545	4400.	5.	2178312.273	1475.911	24.	120.	2800.	4120.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-12/15/98	11	2.806	2.649	3.643	0.699	0.7	0.837	0.959	2.079	3.447	3.61
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			446.12								
31679p	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	11/21/78-12/15/98	11	86.	321.091	1060.	10.	133508.091	365.388	18.	50.	540.	1014.6
31679p	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	11/21/78-12/15/98	11	1.934	2.154	3.025	1.	0.416	0.645	1.14	1.699	2.732	3.004
31679p	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			142.49								
71900p	MERCURY, TOTAL (UG/L AS HG)	11/30/77-12/15/98	12 ##	0.1	0.158	0.5	0.1	0.014	0.116	0.1	0.1	0.2	0.41

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station CHCH0299

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/01/77-11/17/87	12	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/30/77-12/15/98	12	17.5	17.333	29.	5.	73.197	8.556	5.6	9.875	25.875	28.7
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/30/77-12/09/92	12	180.	170.	215.	85.	1198.	34.612	100.9	152.5	187.5	213.5
00300p	OXYGEN, DISSOLVED MG/L	11/30/77-12/15/98	12	9.6	9.492	13.2	4.8	5.957	2.441	5.34	7.725	11.4	12.78
00335p	COD, .025N K2CR2O7 MG/L	01/25/79-12/15/98	12	8.	7.833	16.	2.5	21.515	4.638	2.5	2.5	11.75	15.1
00400p	PH (STANDARD UNITS)	11/30/77-12/15/98	11	7.1	7.309	8.6	6.7	0.317	0.563	6.74	7.	7.8	8.46
00400p	CONVERTED PH (STANDARD UNITS)	11/30/77-12/15/98	11	7.1	7.104	8.6	6.7	0.363	0.603	6.74	7.	7.8	8.46
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/30/77-12/15/98	11	0.079	0.079	0.2	0.003	0.003	0.058	0.005	0.016	0.1	0.185
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/30/77-12/15/98	12	6.	23.125	136.	0.5	1637.642	40.468	0.95	3.	20.25	116.5
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/30/77-12/15/98	12	0.445	0.498	0.82	0.28	0.033	0.181	0.292	0.365	0.683	0.805
00635p	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	11/30/77-12/15/98	12	0.4	0.504	1.2	0.05	0.11	0.332	0.065	0.3	0.7	1.11
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	11/30/77-12/15/98	12	0.08	0.127	0.68	0.04	0.031	0.177	0.043	0.05	0.09	0.521
01002p	ARSENIC, TOTAL (UG/L AS AS)	11/30/77-12/15/98	12 ##	0.75	1.	3.	0.5	0.591	0.769	0.5	0.5	1.	2.7
01027p	CADMIUM, TOTAL (UG/L AS CD)	11/30/77-12/15/98	12 ##	0.5	0.75	2.	0.5	0.205	0.452	0.5	0.5	1.	1.7
01034p	CHROMIUM, TOTAL (UG/L AS CR)	11/30/77-12/15/98	12 ##	0.5	1.208	6.	0.5	2.794	1.671	0.5	0.5	0.875	5.1
01042p	COPPER, TOTAL (UG/L AS CU)	11/30/77-12/15/98	12	14.5	13.833	23.	4.	36.515	6.043	4.6	9.25	19.75	22.4
01051p	LEAD, TOTAL (UG/L AS PB)	11/30/77-12/15/98	12 ##	7.5	9.792	30.	2.5	61.884	7.867	3.25	5.	10.	27.
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-12/15/98	11	440.	1423.545	7000.	48.	6416939.873	2533.168	48.8	60.	820.	6800.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-12/15/98	11	2.643	2.514	3.845	1.681	0.622	0.789	1.688	1.778	2.914	3.832
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			326.906								
31679p	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	11/21/78-12/15/98	11	120.	301.182	1400.	38.	169543.764	411.757	43.8	96.	300.	1264.
31679p	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	11/21/78-12/15/98	11	2.079	2.222	3.146	1.58	0.211	0.459	1.629	1.982	2.477	3.088
31679p	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			166.798								
71900p	MERCURY, TOTAL (UG/L AS HG)	11/30/77-12/15/98	12 ##	0.1	0.2	0.7	0.1	0.045	0.213	0.1	0.1	0.175	0.67

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station CHCH0299

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/01/77-11/17/87	12	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/30/77-12/15/98	12	18.	16.625	27.	5.	66.142	8.133	5.6	7.625	24.5	27.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/30/77-12/09/92	12	197.5	193.25	225.	155.	502.205	22.41	156.5	171.	210.	222.
00300p	OXYGEN, DISSOLVED MG/L	11/30/77-12/15/98	12	7.7	8.35	13.2	5.3	7.494	2.737	5.33	5.975	10.475	12.96
00335p	COD, .025N K2CR2O7 MG/L	01/25/79-12/15/98	12	16.	19.708	56.	2.5	243.021	15.589	3.85	9.5	23.75	52.4
00400p	PH (STANDARD UNITS)	11/30/77-12/15/98	11	7.3	7.359	8.	6.8	0.104	0.323	6.84	7.2	7.6	7.92
00400p	CONVERTED PH (STANDARD UNITS)	11/30/77-12/15/98	11	7.3	7.256	8.	6.8	0.116	0.341	6.84	7.2	7.6	7.92
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/30/77-12/15/98	11	0.05	0.055	0.158	0.01	0.002	0.042	0.013	0.025	0.063	0.147
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/30/77-12/15/98	12	7.	6.917	12.	3.	7.72	2.778	3.	4.5	8.75	11.4
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/30/77-12/15/98	12	0.435	0.464	0.77	0.35	0.014	0.119	0.35	0.375	0.523	0.71
00635p	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	11/30/77-12/15/98	12	0.95	1.008	3.	0.2	0.566	0.753	0.23	0.525	1.1	2.61
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	11/30/77-12/15/98	12	0.105	0.108	0.23	0.04	0.003	0.051	0.043	0.073	0.135	0.206
01002p	ARSENIC, TOTAL (UG/L AS AS)	11/30/77-12/15/98	11	1.	0.864	2.	0.5	0.205	0.452	0.5	0.5	1.	1.8
01027p	CADMIUM, TOTAL (UG/L AS CD)	11/30/77-12/15/98	11	1.	1.5	5.	0.5	2.45	1.565	0.5	0.5	2.	4.8
01034p	CHROMIUM, TOTAL (UG/L AS CR)	11/30/77-12/15/98	11 ##	0.5	1.773	12.	0.5	11.718	3.423	0.5	0.5	1.	10.
01042p	COPPER, TOTAL (UG/L AS CU)	11/30/77-12/15/98	11	15.	17.045	46.	0.5	133.523	11.555	2.4	10.	22.	41.6
01051p	LEAD, TOTAL (UG/L AS PB)	11/30/77-12/15/98	11 ##	5.	10.455	40.	5.	117.273	10.829	5.	5.	10.	36.
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-12/15/98	12	500.	939.	5000.	56.	1852407.636	1361.032	59.6	153.	920.	3992.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-12/15/98	12	2.698	2.653	3.699	1.748	0.326	0.571	1.773	2.165	2.964	3.554
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			449.645								
31679p	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	11/21/78-12/15/98	10	52.	225.6	1580.	8.	234240.711	483.984	8.2	14.5	171.	1452.
31679p	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	11/21/78-12/15/98	10	1.716	1.758	3.199	0.903	0.509	0.713	0.913	1.153	2.2	3.127
31679p	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			57.238								
71900p	MERCURY, TOTAL (UG/L AS HG)	11/30/77-12/15/98	12 ##	0.1	0.2	1.2	0.1	0.1	0.316	0.1	0.1	0.1	0.9

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station CHCH0299

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/01/77-11/17/87	12	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/30/77-12/15/98	12	18.25	17.958	28.5	6.	62.294	7.893	7.05	9.875	26.	28.05
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/30/77-12/09/92	11	180.	178.909	220.	130.	626.091	25.022	134.	165.	198.	216.
00300p	OXYGEN, DISSOLVED MG/L	11/30/77-12/15/98	10	7.8	8.21	12.2	5.1	7.872	2.806	5.14	5.5	11.4	12.18
00335p	COD, .025N K2CR2O7 MG/L	01/25/79-12/15/98	12	9.	14.042	63.	2.5	269.794	16.425	2.5	3.625	16.5	49.8
00400p	PH (STANDARD UNITS)	11/30/77-12/15/98	11	6.5	6.645	7.5	6.	0.241	0.491	6.06	6.3	7.1	7.48
00400p	CONVERTED PH (STANDARD UNITS)	11/30/77-12/15/98	11	6.5	6.457	7.5	6.	0.28	0.529	6.06	6.3	7.1	7.48
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/30/77-12/15/98	11	0.316	0.349	1.	0.032	0.08	0.283	0.033	0.079	0.501	0.9
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/30/77-12/15/98	11	4.	5.091	12.	1.	11.891	3.448	1.2	2.	8.	11.4
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/30/77-12/15/98	12	0.44	0.466	0.94	0.22	0.038	0.196	0.244	0.323	0.578	0.856
00635p	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	11/30/77-12/15/98	12	0.95	6.083	62.	0.5	310.331	17.616	0.53	0.6	1.525	44.03
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	11/30/77-12/15/98	12	0.11	0.104	0.24	0.03	0.003	0.054	0.033	0.07	0.12	0.21
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/23/82-12/15/98	2	68.5	68.5	69.	68.	0.5	0.707	**	**	**	**
01002p	ARSENIC, TOTAL (UG/L AS AS)	11/30/77-12/15/98	12 ##	0.5	0.625	2.	0.5	0.188	0.433	0.5	0.5	0.5	1.55
01027p	CADMIUM, TOTAL (UG/L AS CD)	11/30/77-12/15/98	12	1.	1.333	3.	0.5	1.061	1.03	0.5	0.5	2.5	3.
01034p	CHROMIUM, TOTAL (UG/L AS CR)	11/30/77-12/15/98	12	1.5	1.958	6.	0.5	4.021	2.005	0.5	0.5	2.	6.
01042p	COPPER, TOTAL (UG/L AS CU)	11/30/77-12/15/98	12	15.5	12.875	23.	0.5	49.188	7.013	0.95	6.25	17.	21.8
01051p	LEAD, TOTAL (UG/L AS PB)	11/30/77-12/15/98	12 ##	7.5	9.167	20.	5.	31.061	5.573	5.	5.	10.	20.
01092	ZINC, TOTAL (UG/L AS ZN)	04/21/82-12/15/98	2	68.	68.	79.	57.	242.	15.556	**	**	**	**
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-12/15/98	12	400.	1897.167	14800.	84.	17809492.697	4220.129	84.	98.5	985.	11620.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-12/15/98	12	2.602	2.655	4.17	1.924	0.495	0.703	1.924	1.993	2.983	4.006
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			451.647								
31679p	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	11/21/78-12/15/98	10	91.	255.2	1260.	12.	149404.622	386.529	12.4	25.	411.5	1178.
31679p	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	11/21/78-12/15/98	10	1.949	1.969	3.1	1.079	0.463	0.68	1.092	1.386	2.614	3.055
31679p	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			93.094								
71900p	MERCURY, TOTAL (UG/L AS HG)	11/30/77-12/15/98	11	0.2	0.236	0.6	0.1	0.029	0.169	0.1	0.1	0.4	0.56

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station CHCH0299

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/01/77-11/17/87	12	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/30/77-12/15/98	12	19.	18.167	28.	8.	47.97	6.926	8.6	11.5	25.	27.7
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/30/77-12/09/92	12	166.	182.333	432.	135.	6455.152	80.344	136.5	143.25	172.25	360.
00300p	OXYGEN, DISSOLVED MG/L	11/30/77-12/15/98	12	9.2	9.308	12.	5.9	3.89	1.972	6.32	7.775	11.15	12.
00335p	COD, .025N K2CR2O7 MG/L	01/25/79-12/15/98	9 ##	2.5	3.722	9.	2.5	6.132	2.476	2.5	2.5	4.75	9.
00400p	PH (STANDARD UNITS)	11/30/77-12/15/98	9	7.2	7.156	7.5	6.8	0.095	0.309	6.8	6.8	7.45	7.5
00400p	CONVERTED PH (STANDARD UNITS)	11/30/77-12/15/98	9	7.2	7.061	7.5	6.8	0.105	0.324	6.8	6.8	7.45	7.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/30/77-12/15/98	9	0.063	0.087	0.158	0.032	0.003	0.058	0.032	0.036	0.158	0.158
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/30/77-12/15/98	12	3.	5.625	23.	0.5	41.597	6.45	0.65	1.	7.75	19.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/22/83-12/15/98	9	0.14	0.168	0.38	0.04	0.011	0.106	0.04	0.1	0.235	0.38
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/30/77-12/15/98	11	0.4	0.494	0.99	0.26	0.069	0.263	0.264	0.3	0.79	0.968
00635p	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	11/30/77-12/15/98	11	0.7	0.727	1.4	0.3	0.104	0.323	0.3	0.5	0.8	1.34
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	11/30/77-12/15/98	11	0.08	0.08	0.12	0.03	0.001	0.029	0.034	0.06	0.11	0.12
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/23/82-12/15/98	12	69.5	74.167	190.	43.	1427.061	37.776	45.4	57.25	72.75	155.5
01002p	ARSENIC, TOTAL (UG/L AS AS)	11/30/77-12/15/98	12 ##	0.5	0.708	2.	0.5	0.203	0.45	0.5	0.5	0.875	1.7
01027p	CADMIUM, TOTAL (UG/L AS CD)	11/30/77-12/15/98	12 ##	0.5	0.875	4.	0.5	1.006	1.003	0.5	0.5	0.875	3.1
01034p	CHROMIUM, TOTAL (UG/L AS CR)	11/30/77-12/15/98	12 ##	0.75	3.583	22.	0.5	37.583	6.131	0.5	0.5	4.75	17.2
01042p	COPPER, TOTAL (UG/L AS CU)	11/30/77-12/15/98	12	11.	11.125	19.	0.5	23.642	4.862	2.45	9.	13.75	18.7
01051p	LEAD, TOTAL (UG/L AS PB)	11/30/77-12/15/98	12 ##	5.	7.917	20.	5.	20.265	4.502	5.	5.	10.	17.
01067	NICKEL, TOTAL (UG/L AS NI)	02/22/83-12/15/98	11 ##	5.	7.727	20.	5.	21.818	4.671	5.	5.	10.	18.
01092	ZINC, TOTAL (UG/L AS ZN)	04/21/82-12/15/98	11	58.	59.636	89.	27.	451.455	21.247	29.8	42.	82.	88.4
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-12/15/98	12	970.	2862.5	13100.	70.	16248511.364	4030.944	76.	185.	3850.	11690.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-12/15/98	12	2.984	2.976	4.117	1.845	0.588	0.767	1.878	2.161	3.584	4.059
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			946.698								
31679p	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	11/21/78-12/15/98	12	80.	519.5	2700.	3.	730711.545	854.817	3.6	17.5	882.	2382.
31679p	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	11/21/78-12/15/98	12	1.9	1.977	3.431	0.477	0.936	0.967	0.544	1.151	2.925	3.366
31679p	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			94.855								
71900p	MERCURY, TOTAL (UG/L AS HG)	11/30/77-12/15/98	12 ##	0.1	0.475	4.5	0.1	1.608	1.268	0.1	0.1	0.1	3.21

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station CHCH0299

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/01/77-11/17/87	12	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/30/77-12/15/98	12	16.5	16.542	26.	5.5	57.066	7.554	5.95	9.25	24.	25.7
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/30/77-12/09/92	12	165.5	165.75	210.	130.	475.659	21.81	132.7	150.5	180.25	202.5
00300p	OXYGEN, DISSOLVED MG/L	11/30/77-12/15/98	10	8.45	9.26	14.2	5.6	9.225	3.037	5.72	6.95	12.075	14.13
00335p	COD, .025N K2CR2O7 MG/L	01/25/79-12/15/98	12	6.5	11.625	63.	2.5	283.733	16.844	2.5	3.125	8.75	50.1
00400p	PH (STANDARD UNITS)	11/30/77-12/15/98	12	6.9	6.942	7.6	6.5	0.086	0.294	6.56	6.8	7.125	7.51
00400p	CONVERTED PH (STANDARD UNITS)	11/30/77-12/15/98	12	6.9	6.866	7.6	6.5	0.093	0.304	6.56	6.8	7.125	7.51
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/30/77-12/15/98	12	0.126	0.136	0.316	0.025	0.006	0.076	0.033	0.079	0.158	0.281
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/30/77-12/15/98	12	2.5	5.875	35.	0.5	93.642	9.677	0.65	1.	6.	27.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/22/83-12/15/98	12	0.11	0.188	1.	0.05	0.067	0.259	0.056	0.083	0.175	0.754
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/30/77-12/15/98	11	0.47	0.487	0.85	0.19	0.03	0.173	0.216	0.39	0.55	0.814
00635p	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	11/30/77-12/15/98	12	0.55	0.55	1.	0.1	0.068	0.261	0.13	0.35	0.775	0.94
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	11/30/77-12/15/98	12	0.07	0.072	0.15	0.03	0.001	0.033	0.033	0.043	0.087	0.135
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/23/82-12/15/98	12	65.5	65.417	78.	52.	68.265	8.262	53.2	57.75	73.	76.5
01002p	ARSENIC, TOTAL (UG/L AS AS)	11/30/77-12/15/98	12 ##	0.5	1.333	8.	0.5	4.606	2.146	0.5	0.5	1.	6.2
01027p	CADMIUM, TOTAL (UG/L AS CD)	11/30/77-12/15/98	12 ##	0.5	1.167	3.	0.5	1.061	1.03	0.5	0.5	2.	3.
01034p	CHROMIUM, TOTAL (UG/L AS CR)	11/30/77-12/15/98	12	3.	10.083	44.	0.5	238.038	15.428	0.5	1.25	9.5	43.1
01042p	COPPER, TOTAL (UG/L AS CU)	11/30/77-12/15/98	12	9.5	10.708	39.	0.5	98.93	9.946	1.25	3.75	12.75	31.8
01051p	LEAD, TOTAL (UG/L AS PB)	11/30/77-12/15/98	12 ##	5.	5.583	12.	2.	5.72	2.392	2.9	5.	5.	10.8
01067	NICKEL, TOTAL (UG/L AS NI)	02/22/83-12/15/98	12 ##	5.	12.	40.	5.	175.273	13.239	5.	5.	10.	40.
01092	ZINC, TOTAL (UG/L AS ZN)	04/21/82-12/15/98	12	37.5	89.	440.	9.	16544.364	128.625	12.	21.75	80.5	384.2
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-12/15/98	12	75.	1947.917	22000.	5.	39896142.992	6316.339	6.5	22.5	277.5	15541.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-12/15/98	12	1.849	1.978	4.342	0.699	0.908	0.953	0.789	1.345	2.438	3.841

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station CHCH0299

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			95.1								
31679p	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	11/21/78-12/15/98	12	65.	1512.5	15200.	5.	18958179.545	4354.099	5.	12.5	210.	11300.
31679p	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	11/21/78-12/15/98	12	1.812	1.936	4.182	0.699	1.069	1.034	0.699	1.075	2.322	3.93
31679p	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			86.286								
71900p	MERCURY, TOTAL (UG/L AS HG)	11/30/77-12/15/98	12 ##	0.2	0.225	0.5	0.1	0.02	0.142	0.1	0.1	0.3	0.47

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station CHCH0299

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/01/77-11/17/87	9	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/30/77-12/15/98	9	16.	15.167	26.5	6.	41.	6.403	6.	10.	20.	26.5
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/30/77-12/09/92	9	196.	195.444	212.	172.	180.778	13.445	172.	184.	207.5	212.
00300p	OXYGEN, DISSOLVED MG/L	11/30/77-12/15/98	8	7.4	7.587	9.4	5.5	1.95	1.396	**	**	**	**
00335p	COD, .025N K2CR2O7 MG/L	01/25/79-12/15/98	9 ##	2.5	14.767	94.	2.5	894.905	29.915	2.5	2.5	10.	94.
00400p	PH (STANDARD UNITS)	11/30/77-12/15/98	9	7.1	6.967	7.4	6.5	0.115	0.339	6.5	6.65	7.25	7.4
00400p	CONVERTED PH (STANDARD UNITS)	11/30/77-12/15/98	9	7.1	6.853	7.4	6.5	0.129	0.36	6.5	6.65	7.25	7.4
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/30/77-12/15/98	9	0.079	0.14	0.316	0.04	0.011	0.103	0.04	0.057	0.225	0.316
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/30/77-12/15/98	9	3.	3.222	8.	0.5	6.132	2.476	0.5	1.25	5.	8.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/22/83-12/15/98	9	0.09	0.083	0.2	0.01	0.004	0.062	0.01	0.03	0.125	0.2
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/30/77-12/15/98	9	0.4	0.355	0.58	0.005	0.04	0.2	0.005	0.2	0.485	0.58
00635p	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	11/30/77-12/15/98	9	0.4	0.456	0.9	0.3	0.033	0.181	0.3	0.35	0.5	0.9
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	11/30/77-12/15/98	9	0.06	0.059	0.08	0.03	0.	0.018	0.03	0.045	0.075	0.08
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/23/82-12/15/98	9	75.	72.667	87.	62.	59.5	7.714	62.	66.	76.	87.
01002p	ARSENIC, TOTAL (UG/L AS AS)	11/30/77-12/15/98	9 ##	0.5	1.167	4.	0.5	1.375	1.173	0.5	0.5	1.5	4.
01027p	CADMIUM, TOTAL (UG/L AS CD)	11/30/77-12/15/98	9 ##	1.	1.556	4.	0.5	1.465	1.21	0.5	0.75	2.5	4.
01034p	CHROMIUM, TOTAL (UG/L AS CR)	11/30/77-12/15/98	9	2.	5.	27.	0.5	71.875	8.478	0.5	0.75	4.75	27.
01042p	COPPER, TOTAL (UG/L AS CU)	11/30/77-12/15/98	9	7.	11.111	30.	2.5	112.049	10.585	2.5	3.25	19.5	30.
01051p	LEAD, TOTAL (UG/L AS PB)	11/30/77-12/15/98	9 ##	5.	12.278	25.	2.5	99.194	9.96	2.5	5.	25.	25.
01067	NICKEL, TOTAL (UG/L AS NI)	02/22/83-12/15/98	9 ##	10.	8.889	19.	4.	23.111	4.807	4.	5.	11.	19.
01092	ZINC, TOTAL (UG/L AS ZN)	04/21/82-12/15/98	9	41.	49.444	154.	5.	1858.778	43.114	5.	23.	57.5	154.
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-12/15/98	9	30.	77.222	310.	5.	12131.944	110.145	5.	10.	135.	310.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-12/15/98	9	1.477	1.49	2.491	0.699	0.395	0.629	0.699	1.	2.021	2.491
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			30.886								
31679p	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	11/21/78-12/15/98	9	30.	28.333	60.	5.	462.5	21.506	5.	10.	50.	60.
31679p	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	11/21/78-12/15/98	9	1.477	1.312	1.778	0.699	0.155	0.394	0.699	1.	1.69	1.778
31679p	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			20.53								
71900p	MERCURY, TOTAL (UG/L AS HG)	11/30/77-12/15/98	9 ##	0.1	0.2	0.5	0.1	0.02	0.141	0.1	0.1	0.3	0.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station CHCH0299

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/01/77-11/17/87	11	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/30/77-12/15/98	11	21.	17.773	28.	5.	78.468	8.858	5.4	7.	26.	28.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/30/77-12/09/92	11	218.	216.636	238.	188.	222.055	14.901	190.6	203.	231.	237.
00300p	OXYGEN, DISSOLVED MG/L	11/30/77-12/15/98	10	6.15	7.31	12.	4.7	8.014	2.831	4.72	4.975	9.975	12.
00335p	COD, .025N K2CR2O7 MG/L	01/25/79-12/15/98	11	7.1	11.618	32.4	2.5	112.708	10.616	2.5	2.5	21.3	30.54
00400p	PH (STANDARD UNITS)	11/30/77-12/15/98	11	7.1	6.973	7.6	5.6	0.374	0.612	5.7	6.9	7.4	7.58
00400p	CONVERTED PH (STANDARD UNITS)	11/30/77-12/15/98	11	7.1	6.447	7.6	5.6	0.679	0.824	5.7	6.9	7.4	7.58
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/30/77-12/15/98	11	0.079	0.358	2.512	0.025	0.559	0.748	0.026	0.04	0.126	2.168
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/30/77-12/15/98	11	4.	5.818	14.	0.5	23.114	4.808	0.5	2.	10.	13.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/22/83-12/15/98	11	0.03	0.048	0.2	0.01	0.003	0.054	0.01	0.02	0.06	0.172

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station CHCH0299

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/30/77-12/15/98	11	0.34	0.297	0.49	0.02	0.023	0.151	0.042	0.14	0.4	0.482
00635p	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	11/30/77-12/15/98	11	0.4	0.373	0.6	0.2	0.022	0.149	0.2	0.2	0.5	0.6
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	11/30/77-12/15/98	11	0.04	0.045	0.09	0.01	0.	0.02	0.014	0.04	0.05	0.084
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/23/82-12/15/98	11	91.	85.636	112.	49.	359.055	18.949	53.4	71.	102.	110.4
01002p	ARSENIC, TOTAL (UG/L AS AS)	11/30/77-12/15/98	11 ##	1.	1.318	5.	0.5	2.014	1.419	0.5	0.5	1.	4.6
01027p	CADMIUM, TOTAL (UG/L AS CD)	11/30/77-12/15/98	11 ##	1.	1.091	2.	1.	0.091	0.302	1.	1.	1.	1.8
01034p	CHROMIUM, TOTAL (UG/L AS CR)	11/30/77-12/15/98	11 ##	5.	5.227	10.	2.5	3.068	1.752	3.	5.	5.	9.
01042p	COPPER, TOTAL (UG/L AS CU)	11/30/77-12/15/98	11 ##	2.5	4.182	10.	2.5	8.564	2.926	2.5	2.5	8.	9.6
01051p	LEAD, TOTAL (UG/L AS PB)	11/30/77-12/15/98	11 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01067	NICKEL, TOTAL (UG/L AS NI)	02/22/83-12/15/98	11 ##	10.	18.455	68.	10.	299.473	17.305	10.	10.	21.	59.2
01092	ZINC, TOTAL (UG/L AS ZN)	04/21/82-12/15/98	11	15.	16.136	54.	2.5	285.005	16.882	2.5	2.5	22.	50.6
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-12/15/98	11	10.	300.	1400.	5.	288690.	537.299	5.	5.	500.	1378.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-12/15/98	11	1.	1.53	3.146	0.699	0.981	0.99	0.699	0.699	2.699	3.139
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			33.89								
31679p	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	11/21/78-12/15/98	11	10.	63.182	310.	5.	11871.364	108.956	5.	5.	50.	298.
31679p	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	11/21/78-12/15/98	11	1.	1.26	2.491	0.699	0.469	0.685	0.699	0.699	1.699	2.473
31679p	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			18.202								
71900p	MERCURY, TOTAL (UG/L AS HG)	11/30/77-12/15/98	11 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station CHCH0299

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/01/77-11/17/87	11	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/30/77-12/15/98	11	14.	16.5	28.	6.	76.45	8.744	6.	8.5	25.	27.8
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/30/77-12/09/92	12	189.	191.333	218.	164.	281.333	16.773	165.5	180.25	206.5	215.6
00300p	OXYGEN, DISSOLVED MG/L	11/30/77-12/15/98	11	8.5	8.136	11.7	5.	6.663	2.581	5.06	5.5	10.9	11.56
00335p	COD, .025N K2CR2O7 MG/L	01/25/79-12/15/98	11 ##	2.5	6.318	21.3	2.5	37.3	6.107	2.5	2.5	10.3	19.18
00400p	PH (STANDARD UNITS)	11/30/77-12/15/98	11	7.3	7.318	7.8	6.9	0.074	0.271	6.9	7.1	7.5	7.74
00400p	CONVERTED PH (STANDARD UNITS)	11/30/77-12/15/98	11	7.3	7.241	7.8	6.9	0.08	0.283	6.9	7.1	7.5	7.74
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/30/77-12/15/98	11	0.05	0.057	0.126	0.016	0.001	0.037	0.019	0.032	0.079	0.126
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/30/77-12/15/98	14	5.	5.179	11.	0.5	20.908	4.573	0.5	0.5	10.	11.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/22/83-12/15/98	11	0.04	0.059	0.13	0.01	0.002	0.043	0.012	0.02	0.1	0.128
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/30/77-12/15/98	12	0.255	0.318	0.63	0.18	0.02	0.14	0.183	0.203	0.438	0.576
00635p	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	11/30/77-12/15/98	12	0.3	0.267	0.4	0.2	0.004	0.065	0.2	0.2	0.3	0.37
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	11/30/77-12/15/98	11	0.06	0.067	0.14	0.02	0.001	0.035	0.024	0.04	0.09	0.132
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/23/82-12/15/98	14	66.5	65.714	92.	47.	226.835	15.061	47.	53.	82.	87.5
01002p	ARSENIC, TOTAL (UG/L AS AS)	11/30/77-12/15/98	12 ##	1.	1.333	5.	1.	1.333	1.155	1.	1.	1.	3.8
01027p	CADMIUM, TOTAL (UG/L AS CD)	11/30/77-12/15/98	12 ##	1.	1.467	8.	0.1	4.313	2.077	0.22	1.	1.	5.9
01034p	CHROMIUM, TOTAL (UG/L AS CR)	11/30/77-12/15/98	12 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01042p	COPPER, TOTAL (UG/L AS CU)	11/30/77-12/15/98	12 ##	3.75	5.75	14.	2.5	20.432	4.52	2.5	2.5	10.25	13.7
01051p	LEAD, TOTAL (UG/L AS PB)	11/30/77-12/15/98	12 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01067	NICKEL, TOTAL (UG/L AS NI)	02/22/83-12/15/98	12 ##	10.	9.583	10.	5.	2.083	1.443	6.5	10.	10.	10.
01092	ZINC, TOTAL (UG/L AS ZN)	04/21/82-12/15/98	12	6.	8.042	28.	2.5	56.475	7.515	2.5	2.5	10.75	24.1
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-12/15/98	11	20.	82.727	480.	5.	20636.818	143.655	5.	10.	110.	422.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-12/15/98	11	1.301	1.446	2.681	0.699	0.418	0.646	0.699	1.	2.041	2.601
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			27.917								
31679p	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	11/21/78-12/15/98	10	45.	172.	640.	5.	55723.333	236.058	5.	8.75	295.	631.
31679p	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	11/21/78-12/15/98	10	1.628	1.71	2.806	0.699	0.637	0.798	0.699	0.925	2.427	2.8
31679p	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			51.307								
71900p	MERCURY, TOTAL (UG/L AS HG)	11/30/77-12/15/98	11 ##	0.1	0.109	0.2	0.1	0.001	0.03	0.1	0.1	0.1	0.18

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station CHCH0299

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/30/77-12/15/98	12	18.	17.75	29.	8.	61.648	7.852	8.	9.025	25.25	28.4
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/30/77-12/09/92	12	213.	2416.333	26653.	173.	58256784.424	7632.613	175.7	197.25	235.5	18737.5
00300p	OXYGEN, DISSOLVED MG/L	11/30/77-12/15/98	11	7.1	8.482	17.8	4.4	14.594	3.82	4.58	5.7	10.4	16.6
00335p	COD, .025N K2CR2O7 MG/L	01/25/79-12/15/98	11 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
00400p	PH (STANDARD UNITS)	11/30/77-12/15/98	12	7.2	7.267	7.9	6.9	0.055	0.235	6.96	7.2	7.3	7.75
00400p	CONVERTED PH (STANDARD UNITS)	11/30/77-12/15/98	12	7.2	7.22	7.9	6.9	0.058	0.24	6.96	7.2	7.3	7.75
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/30/77-12/15/98	12	0.063	0.06	0.126	0.013	0.001	0.026	0.021	0.05	0.063	0.112
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/30/77-12/15/98	11	8.	7.273	17.	1.	30.018	5.479	1.	1.	12.	16.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/22/83-12/15/98	12	0.08	0.097	0.24	0.01	0.007	0.084	0.01	0.023	0.188	0.234
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/30/77-12/15/98	12	0.23	0.248	0.34	0.16	0.004	0.064	0.169	0.195	0.32	0.34
00635p	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	11/30/77-12/15/98	12	0.25	0.278	0.7	0.05	0.049	0.222	0.05	0.058	0.475	0.64
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	11/30/77-12/15/98	12	0.09	0.12	0.62	0.02	0.026	0.16	0.026	0.043	0.1	0.467
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/23/82-12/15/98	12	64.	65.	83.	43.	174.545	13.212	45.7	53.	77.5	82.4
01002p	ARSENIC, TOTAL (UG/L AS AS)	11/30/77-12/15/98	12 ##	1.	0.958	1.	0.5	0.021	0.144	0.65	1.	1.	1.
01027p	CADMIUM, TOTAL (UG/L AS CD)	11/30/77-12/15/98	12 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
01034p	CHROMIUM, TOTAL (UG/L AS CR)	11/30/77-12/15/98	12 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01042p	COPPER, TOTAL (UG/L AS CU)	11/30/77-12/15/98	12 ##	2.5	3.	6.	2.5	1.409	1.187	2.5	2.5	2.5	5.7
01051p	LEAD, TOTAL (UG/L AS PB)	11/30/77-12/15/98	12 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01067	NICKEL, TOTAL (UG/L AS NI)	02/22/83-12/15/98	12 ##	10.	9.583	10.	5.	2.083	1.443	6.5	10.	10.	10.
01092	ZINC, TOTAL (UG/L AS ZN)	04/21/82-12/15/98	12 ##	2.5	5.458	18.	2.5	30.521	5.525	2.5	2.5	9.625	16.5
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-12/15/98	12	35.	102.5	610.	5.	29288.636	171.139	5.	10.	127.5	487.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-12/15/98	12	1.5	1.561	2.785	0.699	0.445	0.667	0.699	1.	2.098	2.64
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			36.383								
31679p	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	11/21/78-12/15/98	12	20.	96.667	920.	5.	67746.97	260.282	5.	10.	27.5	671.
31679p	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	11/21/78-12/15/98	12	1.301	1.333	2.964	0.699	0.382	0.618	0.699	1.	1.433	2.661
31679p	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			21.533								
71900p	MERCURY, TOTAL (UG/L AS HG)	11/30/77-12/15/98	12 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station CHCH0299

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/30/77-12/15/98	11	19.	17.945	27.	9.	44.913	6.702	9.	11.	23.4	26.8
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/30/77-12/09/92	11	167.	169.455	194.	146.	174.873	13.224	148.2	162.	180.	191.6
00300p	OXYGEN, DISSOLVED MG/L	11/30/77-12/15/98	11	8.	7.755	10.6	5.	3.997	1.999	5.04	5.7	9.5	10.48
00335p	COD, .025N K2CR2O7 MG/L	01/25/79-12/15/98	9 ##	2.5	3.689	8.	2.5	5.571	2.36	2.5	2.5	5.1	8.
00400p	PH (STANDARD UNITS)	11/30/77-12/15/98	11	7.1	7.118	7.4	6.9	0.036	0.189	6.9	6.9	7.3	7.38
00400p	CONVERTED PH (STANDARD UNITS)	11/30/77-12/15/98	11	7.1	7.082	7.4	6.9	0.037	0.193	6.9	6.9	7.3	7.38
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/30/77-12/15/98	11	0.079	0.083	0.126	0.04	0.001	0.034	0.042	0.05	0.126	0.126
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/30/77-12/15/98	11	5.	5.909	11.	1.	10.291	3.208	1.2	3.	8.	10.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/22/83-12/15/98	10	0.06	0.066	0.14	0.02	0.002	0.04	0.021	0.03	0.103	0.137
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/30/77-12/15/98	10	0.245	0.266	0.35	0.2	0.003	0.053	0.202	0.228	0.318	0.349
00635p	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	11/30/77-12/15/98	10	0.2	0.207	0.3	0.07	0.006	0.079	0.073	0.175	0.3	0.3
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	11/30/77-12/15/98	10	0.035	0.275	2.4	0.005	0.559	0.748	0.006	0.018	0.068	2.172
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/23/82-12/15/98	11	69.	72.091	103.	50.	169.491	13.019	53.	67.	79.	98.4
01002p	ARSENIC, TOTAL (UG/L AS AS)	11/30/77-12/15/98	11 ##	1.	1.182	3.	1.	0.364	0.603	1.	1.	1.	2.6
01027p	CADMIUM, TOTAL (UG/L AS CD)	11/30/77-12/15/98	11 ##	1.	1.273	4.	1.	0.818	0.905	1.	1.	1.	3.4
01034p	CHROMIUM, TOTAL (UG/L AS CR)	11/30/77-12/15/98	11 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01042p	COPPER, TOTAL (UG/L AS CU)	11/30/77-12/15/98	11 ##	2.5	5.182	21.	2.5	33.164	5.759	2.5	2.5	6.	18.8
01051p	LEAD, TOTAL (UG/L AS PB)	11/30/77-12/15/98	11 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01067	NICKEL, TOTAL (UG/L AS NI)	02/22/83-12/15/98	11 ##	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01092	ZINC, TOTAL (UG/L AS ZN)	04/21/82-12/15/98	11 ##	2.5	4.909	10.	2.5	9.741	3.121	2.5	2.5	8.	10.
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-12/15/98	10	102.	198.9	670.	5.	49038.767	221.447	5.5	17.5	360.	639.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-12/15/98	10	1.968	1.898	2.826	0.699	0.541	0.735	0.729	1.226	2.556	2.799
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			79.112								
31679p	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	11/21/78-12/15/98	10	158.	182.6	430.	10.	23516.489	153.351	11.	50.	352.5	423.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station CHCH0299

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31679p	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	11/21/78-12/15/98	10	2.19	2.031	2.633	1.	0.31	0.557	1.03	1.659	2.547	2.626
31679p	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			107.466								
71900p	MERCURY, TOTAL (UG/L AS HG)	11/30/77-12/15/98	11 ##	0.1	0.092	0.1	0.01	0.001	0.027	0.028	0.1	0.1	0.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station CHCH0299

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/30/77-12/15/98	12	17.6	18.183	28.	8.	53.812	7.336	8.6	10.875	25.5	27.55
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/30/77-12/09/92	12	168.	162.333	191.	132.	403.333	20.083	134.1	139.25	176.5	189.8
00300p	OXYGEN, DISSOLVED MG/L	11/30/77-12/15/98	12	7.25	7.883	12.4	4.6	7.151	2.674	4.72	5.6	10.05	12.1
00335p	COD, .025N K2CR2O7 MG/L	01/25/79-12/15/98	12 ##	2.5	5.717	16.8	2.5	27.554	5.249	2.5	2.5	10.15	15.9
00400p	PH (STANDARD UNITS)	11/30/77-12/15/98	12	7.2	7.175	7.9	6.7	0.104	0.322	6.73	6.925	7.3	7.78
00400p	CONVERTED PH (STANDARD UNITS)	11/30/77-12/15/98	12	7.2	7.08	7.9	6.7	0.114	0.337	6.73	6.925	7.3	7.78
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/30/77-12/15/98	12	0.063	0.083	0.2	0.013	0.003	0.054	0.018	0.05	0.119	0.187
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/30/77-12/15/98	12	6.	7.25	24.	0.5	42.523	6.521	0.5	2.	9.75	20.7
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/22/83-12/15/98	12	0.075	0.067	0.09	0.02	0.	0.02	0.026	0.06	0.08	0.087
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/30/77-12/15/98	12	0.265	0.279	0.5	0.15	0.011	0.107	0.15	0.183	0.36	0.464
00635p	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	11/30/77-12/15/98	12	0.2	0.219	0.3	0.03	0.008	0.088	0.051	0.2	0.3	0.3
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	11/30/77-12/15/98	12 ##	0.018	0.027	0.09	0.005	0.001	0.028	0.005	0.005	0.045	0.081
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/23/82-12/15/98	12	71.5	70.917	88.	53.	90.811	9.529	54.8	64.25	76.	85.6
01002p	ARSENIC, TOTAL (UG/L AS AS)	11/30/77-12/15/98	12 ##	1.	1.042	2.	0.5	0.112	0.334	0.65	1.	1.	1.7
01027p	CADMIUM, TOTAL (UG/L AS CD)	11/30/77-12/15/98	12 ##	1.	1.208	4.	0.5	0.794	0.891	0.65	1.	1.	3.1
01034p	CHROMIUM, TOTAL (UG/L AS CR)	11/30/77-12/15/98	12 ##	5.	4.667	5.	1.	1.333	1.155	2.2	5.	5.	5.
01042p	COPPER, TOTAL (UG/L AS CU)	11/30/77-12/15/98	12	4.25	7.292	26.	2.	49.839	7.06	2.15	2.5	9.	22.4
01051p	LEAD, TOTAL (UG/L AS PB)	11/30/77-12/15/98	12 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01067	NICKEL, TOTAL (UG/L AS NI)	02/22/83-12/15/98	12 ##	10.	9.583	10.	5.	2.083	1.443	6.5	10.	10.	10.
01092	ZINC, TOTAL (UG/L AS ZN)	04/21/82-12/15/98	12	5.5	14.292	58.	2.5	307.203	17.527	2.5	2.5	27.	49.9
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-12/15/98	9	78.	224.889	940.	10.	101375.111	318.395	10.	21.	380.	940.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-12/15/98	9	1.892	1.937	2.973	1.	0.453	0.673	1.	1.31	2.525	2.973
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			86.442								
31679p	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	11/21/78-12/15/98	10	47.	108.2	460.	4.	19005.733	137.861	6.4	28.	172.5	432.
31679p	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	11/21/78-12/15/98	10	1.642	1.735	2.663	0.602	0.334	0.578	0.687	1.447	2.237	2.622
31679p	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			54.322								
71900p	MERCURY, TOTAL (UG/L AS HG)	11/30/77-12/15/98	12 ##	0.1	0.208	0.9	0.1	0.054	0.231	0.1	0.1	0.275	0.72

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station CHCH0299

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/30/77-12/15/98	11	18.7	19.255	29.	8.	59.009	7.682	8.32	11.7	27.1	28.94
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/30/77-12/09/92	12	161.5	171.333	302.	141.	1859.879	43.126	142.5	147.	175.5	265.4
00300p	OXYGEN, DISSOLVED MG/L	11/30/77-12/15/98	12	7.4	7.8	10.8	5.	5.28	2.298	5.06	5.325	10.4	10.71
00335p	COD, .025N K2CR2O7 MG/L	01/25/79-12/15/98	12 ##	2.5	4.408	12.9	2.5	14.544	3.814	2.5	2.5	4.975	12.54
00400p	PH (STANDARD UNITS)	11/30/77-12/15/98	12	7.4	7.33	7.71	6.6	0.083	0.288	6.75	7.2	7.538	7.671
00400p	CONVERTED PH (STANDARD UNITS)	11/30/77-12/15/98	12	7.4	7.216	7.71	6.6	0.097	0.312	6.75	7.2	7.537	7.671
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/30/77-12/15/98	12	0.04	0.061	0.251	0.019	0.004	0.062	0.022	0.029	0.063	0.2
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/30/77-12/15/98	12	5.5	10.25	47.	0.5	168.523	12.982	0.5	2.	15.75	38.3
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/22/83-12/15/98	12	0.065	0.079	0.21	0.03	0.002	0.05	0.03	0.05	0.095	0.185
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/30/77-12/15/98	12	0.27	0.295	0.55	0.005	0.02	0.142	0.058	0.225	0.403	0.523
00635p	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	11/30/77-12/15/98	12	0.3	0.342	0.7	0.2	0.023	0.151	0.2	0.2	0.4	0.64
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	11/30/77-12/15/98	12 ##	0.005	0.04	0.17	0.005	0.003	0.055	0.005	0.005	0.065	0.155
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/23/82-12/15/98	12	74.	74.083	91.	66.	54.992	7.416	66.3	67.5	76.5	88.9

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station CHCH0299

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01002p	ARSENIC, TOTAL (UG/L AS AS)	11/30/77-12/15/98	12 ##	1.	0.958	1.	0.5	0.021	0.144	0.65	1.	1.	1.
01027p	CADMIUM, TOTAL (UG/L AS CD)	11/30/77-12/15/98	12 ##	1.	1.25	3.	1.	0.386	0.622	1.	1.	1.	2.7
01034p	CHROMIUM, TOTAL (UG/L AS CR)	11/30/77-12/15/98	12 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01042p	COPPER, TOTAL (UG/L AS CU)	11/30/77-12/15/98	12	5.	7.75	40.	2.5	108.114	10.398	2.5	2.5	6.75	31.
01051p	LEAD, TOTAL (UG/L AS PB)	11/30/77-12/15/98	11 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01067	NICKEL, TOTAL (UG/L AS NI)	02/22/83-12/15/98	12 ##	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01092	ZINC, TOTAL (UG/L AS ZN)	04/21/82-12/15/98	11 ##	2.5	20.545	116.	2.5	1434.323	37.872	2.5	2.5	8.	107.4
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-12/15/98	12	26.	295.417	2000.	1.	407026.629	637.986	1.3	6.5	143.5	1766.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-12/15/98	12	1.414	1.457	3.301	0.	1.013	1.006	0.09	0.809	2.074	3.237
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			28.669								
31679p	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	11/21/78-12/15/98	12	12.	321.	2900.	4.	709540.727	842.342	4.	6.	64.	2267.
31679p	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	11/21/78-12/15/98	12	1.079	1.364	3.462	0.602	0.859	0.927	0.602	0.778	1.728	3.293
31679p	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			23.122								
71900p	MERCURY, TOTAL (UG/L AS HG)	11/30/77-12/15/98	12 ##	0.1	0.143	0.4	0.01	0.011	0.107	0.037	0.1	0.175	0.37

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station CHCH0299

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/30/77-12/15/98	11	19.1	18.136	28.	8.8	50.589	7.113	8.92	9.9	25.4	27.7
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/30/77-12/09/92	10	168.5	165.4	182.	136.	209.378	14.47	137.7	154.5	177.25	181.9
00300p	OXYGEN, DISSOLVED MG/L	11/30/77-12/15/98	11	7.5	8.009	11.9	4.4	7.041	2.653	4.54	5.4	10.4	11.74
00335p	COD, .025N K2CR2O7 MG/L	01/25/79-12/15/98	12 ##	2.5	4.35	13.2	2.5	10.814	3.288	2.5	2.5	6.1	11.4
00400p	PH (STANDARD UNITS)	11/30/77-12/15/98	11	7.51	7.432	7.55	7.02	0.026	0.161	7.068	7.4	7.53	7.548
00400p	CONVERTED PH (STANDARD UNITS)	11/30/77-12/15/98	11	7.51	7.399	7.55	7.02	0.027	0.165	7.068	7.4	7.53	7.548
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/30/77-12/15/98	11	0.031	0.04	0.095	0.028	0.	0.02	0.028	0.03	0.04	0.087
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/30/77-12/15/98	10	5.	4.85	11.	0.5	13.169	3.629	0.5	0.5	8.	10.7
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/22/83-12/15/98	12	0.09	0.09	0.13	0.04	0.001	0.024	0.046	0.08	0.1	0.127
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/30/77-12/15/98	12	0.32	0.351	0.55	0.23	0.01	0.101	0.236	0.275	0.423	0.538
00635p	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	11/30/77-12/15/98	12	0.3	0.283	0.5	0.1	0.014	0.119	0.1	0.2	0.375	0.47
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	11/30/77-12/15/98	12 ##	0.005	0.01	0.04	0.005	0.	0.012	0.005	0.005	0.005	0.037
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/23/82-12/15/98	10	79.	77.7	91.	55.	116.678	10.802	56.4	70.5	87.	90.9
01002p	ARSENIC, TOTAL (UG/L AS AS)	11/30/77-12/15/98	10 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
01027p	CADMIUM, TOTAL (UG/L AS CD)	11/30/77-12/15/98	10 ##	0.75	0.95	2.	0.5	0.358	0.599	0.5	0.5	1.25	2.
01034p	CHROMIUM, TOTAL (UG/L AS CR)	11/30/77-12/15/98	10 ##	0.5	0.6	1.	0.5	0.044	0.211	0.5	0.5	0.625	1.
01042p	COPPER, TOTAL (UG/L AS CU)	11/30/77-12/15/98	10	7.	8.	19.	0.5	29.722	5.452	0.7	4.375	11.5	18.4
01051p	LEAD, TOTAL (UG/L AS PB)	11/30/77-12/15/98	10 ##	2.	1.9	2.5	0.5	0.267	0.516	0.65	2.	2.	2.45
01067	NICKEL, TOTAL (UG/L AS NI)	02/22/83-12/15/98	10 ##	1.5	1.75	4.	1.5	0.625	0.791	1.5	1.5	1.5	3.75
01092	ZINC, TOTAL (UG/L AS ZN)	04/21/82-12/15/98	10	5.5	8.25	20.	0.5	41.069	6.409	0.85	4.	13.5	19.8
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-12/15/98	10	39.	112.6	650.	10.	37786.711	194.388	10.4	15.5	126.	599.4
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-12/15/98	10	1.579	1.678	2.813	1.	0.312	0.558	1.015	1.19	2.099	2.747
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			47.691								
31679p	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	11/21/78-12/15/98	9	12.	44.889	290.	4.	8543.111	92.429	4.	7.	28.	290.
31679p	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	11/21/78-12/15/98	9	1.079	1.215	2.462	0.602	0.301	0.549	0.602	0.841	1.429	2.462
31679p	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			16.416								
71900p	MERCURY, TOTAL (UG/L AS HG)	11/30/77-12/15/98	10 ##	0.1	0.15	0.5	0.1	0.016	0.127	0.1	0.1	0.125	0.47

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station CHCH0299

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/30/77-12/15/98	9	14.1	17.978	30.	9.5	64.774	8.048	9.5	11.1	26.7	30.
00300p	OXYGEN, DISSOLVED MG/L	11/30/77-12/15/98	9	7.5	7.167	12.	1.	12.093	3.477	1.	5.05	10.2	12.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station CHCH0299

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00335p	COD, .025N K2CR2O7 MG/L	01/25/79-12/15/98	13 ##	2.5	3.708	7.1	2.5	2.762	1.662	2.5	2.5	5.2	6.5
00400p	PH (STANDARD UNITS)	11/30/77-12/15/98	9	7.46	7.483	8.01	6.58	0.181	0.425	6.58	7.31	7.855	8.01
00400p	CONVERTED PH (STANDARD UNITS)	11/30/77-12/15/98	9	7.46	7.255	8.01	6.58	0.239	0.489	6.58	7.31	7.855	8.01
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/30/77-12/15/98	9	0.035	0.056	0.263	0.01	0.006	0.079	0.01	0.014	0.049	0.263
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/30/77-12/15/98	9	2.	3.833	13.	0.5	16.438	4.054	0.5	0.5	5.5	13.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/22/83-12/15/98	13	0.06	0.076	0.2	0.01	0.003	0.053	0.014	0.045	0.12	0.172
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/30/77-12/15/98	13	0.27	0.292	0.5	0.17	0.012	0.108	0.174	0.2	0.36	0.492
00635p	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	11/30/77-12/15/98	13	0.3	0.254	0.4	0.1	0.009	0.097	0.1	0.2	0.3	0.4
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	11/30/77-12/15/98	13 ##	0.005	0.011	0.08	0.005	0.	0.021	0.005	0.005	0.005	0.05
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/23/82-12/15/98	8	74.	72.125	83.	56.	82.411	9.078	**	**	**	**
01002p	ARSENIC, TOTAL (UG/L AS AS)	11/30/77-12/15/98	9 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
01027p	CADMIUM, TOTAL (UG/L AS CD)	11/30/77-12/15/98	9 ##	0.5	0.833	2.	0.5	0.437	0.661	0.5	0.5	1.25	2.
01034p	CHROMIUM, TOTAL (UG/L AS CR)	11/30/77-12/15/98	9 ##	0.5	1.056	5.	0.5	2.215	1.488	0.5	0.5	0.75	5.
01042p	COPPER, TOTAL (UG/L AS CU)	11/30/77-12/15/98	9	5.	6.389	15.	0.5	20.986	4.581	0.5	3.5	10.	15.
01051p	LEAD, TOTAL (UG/L AS PB)	11/30/77-12/15/98	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
01067	NICKEL, TOTAL (UG/L AS NI)	02/22/83-12/15/98	9 ##	1.5	1.5	1.5	1.5	0.	0.	1.5	1.5	1.5	1.5
01092	ZINC, TOTAL (UG/L AS ZN)	04/21/82-12/15/98	9	5.	6.278	23.	0.5	44.194	6.648	0.5	2.5	7.	23.
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-12/15/98	9	36.	97.	320.	5.	12770.	113.004	5.	12.	195.	320.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-12/15/98	9	1.556	1.627	2.505	0.699	0.419	0.648	0.699	1.073	2.29	2.505
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			42.383								
31679p	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	11/21/78-12/15/98	7	4.	63.571	280.	1.	12209.286	110.496	**	**	**	**
31679p	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	11/21/78-12/15/98	7	0.602	0.919	2.447	0.	0.957	0.978	**	**	**	**
31679p	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			8.304								
71900p	MERCURY, TOTAL (UG/L AS HG)	11/30/77-12/15/98	9 ##	0.1	0.178	0.6	0.1	0.029	0.172	0.1	0.1	0.2	0.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station CHCH0299

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/30/77-12/15/98	11	19.9	18.709	27.	6.	52.855	7.27	6.8	12.1	26.2	26.94
00300p	OXYGEN, DISSOLVED MG/L	11/30/77-12/15/98	11	6.2	7.364	12.	5.1	6.297	2.509	5.1	5.5	8.5	11.96
00335p	COD, .025N K2CR2O7 MG/L	01/25/79-12/15/98	9 ##	2.5	5.722	24.2	2.5	50.842	7.13	2.5	2.5	6.15	24.2
00400p	PH (STANDARD UNITS)	11/30/77-12/15/98	10	7.68	7.747	8.27	7.42	0.069	0.263	7.426	7.585	7.978	8.246
00400p	CONVERTED PH (STANDARD UNITS)	11/30/77-12/15/98	10	7.68	7.686	8.27	7.42	0.073	0.27	7.426	7.585	7.977	8.246
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/30/77-12/15/98	10	0.021	0.021	0.038	0.005	0.	0.01	0.006	0.011	0.026	0.038
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/30/77-12/15/98	11	5.	6.227	21.	0.5	28.568	5.345	0.8	4.	7.	18.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/22/83-12/15/98	10 ##	0.01	0.01	0.01	0.01	0.	0.	0.01	0.01	0.01	0.01
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/30/77-12/15/98	10	0.29	0.322	0.59	0.04	0.027	0.163	0.055	0.228	0.433	0.584
00635p	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	11/30/77-12/15/98	8	0.25	0.219	0.3	0.05	0.01	0.1	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	11/30/77-12/15/98	10 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/23/82-12/15/98	11	68.	69.091	88.	59.	56.291	7.503	59.6	65.	72.	85.
01002p	ARSENIC, TOTAL (UG/L AS AS)	11/30/77-12/15/98	11 ##	1.	2.091	10.	0.5	8.191	2.862	0.5	0.5	3.	8.8
01027p	CADMIUM, TOTAL (UG/L AS CD)	11/30/77-12/15/98	11 ##	1.	1.364	4.	0.5	1.155	1.074	0.5	0.5	2.	3.6
01034p	CHROMIUM, TOTAL (UG/L AS CR)	11/30/77-12/15/98	11 ##	2.5	2.364	5.	0.5	2.455	1.567	0.5	0.5	2.5	5.
01042p	COPPER, TOTAL (UG/L AS CU)	11/30/77-12/15/98	11	5.	6.864	18.	2.	34.655	5.887	2.1	2.5	8.	18.
01051p	LEAD, TOTAL (UG/L AS PB)	11/30/77-12/15/98	11 ##	2.5	3.182	9.	0.5	7.014	2.648	0.5	0.5	5.	8.4
01067	NICKEL, TOTAL (UG/L AS NI)	02/22/83-12/15/98	11 ##	5.	5.409	10.	1.5	10.991	3.315	1.5	1.5	10.	10.
01092	ZINC, TOTAL (UG/L AS ZN)	04/21/82-12/15/98	11	6.	6.455	15.	2.	16.873	4.108	2.	3.	8.	14.4
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-12/15/98	11	40.	223.091	1490.	2.	194509.891	441.033	2.	14.	350.	1266.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-12/15/98	11	1.602	1.636	3.173	0.301	0.816	0.903	0.301	1.146	2.544	3.052
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			43.229								
31679p	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	11/21/78-12/15/98	9	10.	87.778	660.	2.	46359.444	215.312	2.	6.	42.	660.
31679p	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	11/21/78-12/15/98	9	1.	1.204	2.82	0.301	0.547	0.739	0.301	0.753	1.579	2.82
31679p	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			15.985								
71900p	MERCURY, TOTAL (UG/L AS HG)	11/30/77-12/15/98	10 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station CHCH0299

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/30/77-12/15/98	12	19.05	17.883	28.3	6.2	66.596	8.161	6.62	9.05	25.875	28.09
00300p	OXYGEN, DISSOLVED MG/L	11/30/77-12/15/98	12	6.55	7.217	11.3	4.3	6.452	2.54	4.36	4.675	9.7	11.15
00335p	COD, .025N K2CR2O7 MG/L	01/25/79-12/15/98	5	5.5	5.08	8.5	2.5	6.732	2.595	**	**	**	**
00400p	PH (STANDARD UNITS)	11/30/77-12/15/98	12	7.62	7.499	8.05	6.45	0.221	0.47	6.567	7.253	7.8	8.038
00400p	CONVERTED PH (STANDARD UNITS)	11/30/77-12/15/98	12	7.62	7.204	8.05	6.45	0.316	0.562	6.567	7.253	7.8	8.038
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/30/77-12/15/98	12	0.024	0.063	0.355	0.009	0.01	0.099	0.009	0.016	0.057	0.292
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/30/77-12/15/98	11	3.	3.773	9.	0.5	6.868	2.621	0.6	2.	6.	8.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/22/83-12/15/98	5 ##	0.01	0.034	0.1	0.01	0.002	0.039	**	**	**	**
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/30/77-12/15/98	5	0.37	0.478	0.97	0.25	0.081	0.285	**	**	**	**
00635p	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	11/30/77-12/15/98	5	0.2	0.22	0.4	0.1	0.012	0.11	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	11/30/77-12/15/98	5 ##	0.005	0.021	0.05	0.005	0.	0.022	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/23/82-12/15/98	12	66.5	68.417	86.	55.	83.538	9.14	56.2	61.	75.	83.9
01002p	ARSENIC, TOTAL (UG/L AS AS)	11/30/77-12/15/98	12 ##	0.5	11.375	131.	0.5	1419.188	37.672	0.5	0.5	0.5	91.85
01027p	CADMIUM, TOTAL (UG/L AS CD)	11/30/77-12/15/98	12 ##	1.	3.458	26.	0.5	50.884	7.133	0.65	1.	2.	19.1
01034p	CHROMIUM, TOTAL (UG/L AS CR)	11/30/77-12/15/98	12 ##	2.5	2.375	2.5	1.	0.188	0.433	1.45	2.5	2.5	2.5
01042p	COPPER, TOTAL (UG/L AS CU)	11/30/77-12/15/98	12 ##	2.5	5.75	18.	1.	26.977	5.194	1.45	2.5	7.75	16.5
01051p	LEAD, TOTAL (UG/L AS PB)	11/30/77-12/15/98	11 ##	0.5	3.045	20.	0.5	34.523	5.876	0.5	0.5	4.5	17.
01067	NICKEL, TOTAL (UG/L AS NI)	02/22/83-12/15/98	12 ##	5.	4.592	5.	0.1	2.001	1.415	1.57	5.	5.	5.
01092	ZINC, TOTAL (UG/L AS ZN)	04/21/82-12/15/98	12	5.5	8.25	38.	0.5	103.977	10.197	0.5	3.25	7.75	31.4
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-12/15/98	12	35.	77.083	300.	1.	10114.447	100.571	1.9	7.	122.	285.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-12/15/98	12	1.54	1.45	2.477	0.	0.561	0.749	0.181	0.834	2.076	2.453
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			28.155								
31679p	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	11/21/78-12/15/98	12	30.	73.75	280.	1.	10044.75	100.224	1.9	6.	106.5	277.
31679p	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	11/21/78-12/15/98	12	1.468	1.394	2.447	0.	0.585	0.765	0.181	0.778	2.014	2.442
31679p	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			24.781								
71900p	MERCURY, TOTAL (UG/L AS HG)	11/30/77-12/15/98	5 ##	0.1	0.2	0.5	0.1	0.03	0.173	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1996 - Station CHCH0299

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/30/77-12/15/98	5	12.1	14.6	24.	6.	52.405	7.239	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	11/30/77-12/15/98	5	9.6	8.7	10.8	5.9	4.55	2.133	**	**	**	**
00335p	COD, .025N K2CR2O7 MG/L	01/25/79-12/15/98	1	78.8	78.8	78.8	78.8	0.	0.	**	**	**	**
00400p	PH (STANDARD UNITS)	11/30/77-12/15/98	5	8.11	7.662	9.52	5.02	2.802	1.674	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	11/30/77-12/15/98	5	8.11	5.716	9.52	5.02	7.535	2.745	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/30/77-12/15/98	5	0.008	1.922	9.55	0.	18.183	4.264	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/30/77-12/15/98	6	4.	4.167	7.	1.	4.967	2.229	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/23/82-12/15/98	6	67.5	67.167	79.	54.	65.367	8.085	**	**	**	**
01002p	ARSENIC, TOTAL (UG/L AS AS)	11/30/77-12/15/98	6 ##	0.5	2.417	12.	0.5	22.042	4.695	**	**	**	**
01027p	CADMIUM, TOTAL (UG/L AS CD)	11/30/77-12/15/98	6 ##	0.5	0.667	1.	0.5	0.067	0.258	**	**	**	**
01034p	CHROMIUM, TOTAL (UG/L AS CR)	11/30/77-12/15/98	6 ##	0.75	1.25	2.5	0.5	0.975	0.987	**	**	**	**
01042p	COPPER, TOTAL (UG/L AS CU)	11/30/77-12/15/98	6	6.	8.083	18.	2.5	29.242	5.408	**	**	**	**
01051p	LEAD, TOTAL (UG/L AS PB)	11/30/77-12/15/98	6 ##	0.5	6.083	34.	0.5	187.042	13.676	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	02/22/83-12/15/98	6 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	04/21/82-12/15/98	6	15.	14.	28.	1.	138.	11.747	**	**	**	**
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-12/15/98	6	13.	152.167	850.	1.	116937.767	341.962	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-12/15/98	6	1.113	1.262	2.929	0.	0.902	0.95	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			18.265								
31679p	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	11/21/78-12/15/98	6	22.	34.667	80.	6.	823.467	28.696	**	**	**	**
31679p	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	11/21/78-12/15/98	6	1.342	1.4	1.903	0.778	0.162	0.403	**	**	**	**
31679p	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			25.114								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1997 - Station CHCH0299

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/30/77-12/15/98	2	14.8	14.8	20.6	9.	67.28	8.202	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	11/30/77-12/15/98	2	9.9	9.9	12.	7.8	8.82	2.97	**	**	**	**
00335p	COD, .025N K2CR2O7 MG/L	01/25/79-12/15/98	2 ##	12.25	12.25	22.	2.5	190.125	13.789	**	**	**	**
00400p	PH (STANDARD UNITS)	11/30/77-12/15/98	2	7.075	7.075	7.6	6.55	0.551	0.742	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	11/30/77-12/15/98	2	6.814	6.814	7.6	6.55	0.688	0.829	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/30/77-12/15/98	2	0.153	0.153	0.282	0.025	0.033	0.182	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/30/77-12/15/98	2	2.5	2.5	3.	2.	0.5	0.707	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/22/83-12/15/98	2 ##	0.02	0.02	0.03	0.01	0.	0.014	**	**	**	**
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/30/77-12/15/98	2	0.305	0.305	0.4	0.21	0.018	0.134	**	**	**	**
00635p	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	11/30/77-12/15/98	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	11/30/77-12/15/98	2	0.082	0.082	0.13	0.034	0.005	0.068	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/23/82-12/15/98	2	89.5	89.5	90.	89.	0.5	0.707	**	**	**	**
01002p	ARSENIC, TOTAL (UG/L AS AS)	11/30/77-12/15/98	2 ##	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
01027p	CADMIUM, TOTAL (UG/L AS CD)	11/30/77-12/15/98	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034p	CHROMIUM, TOTAL (UG/L AS CR)	11/30/77-12/15/98	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01042p	COPPER, TOTAL (UG/L AS CU)	11/30/77-12/15/98	2 ##	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
01051p	LEAD, TOTAL (UG/L AS PB)	11/30/77-12/15/98	2 ##	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	02/22/83-12/15/98	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	04/21/82-12/15/98	2	8.	8.	12.	4.	32.	5.657	**	**	**	**
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-12/15/98	2	17.	17.	24.	10.	98.	9.899	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-12/15/98	2	1.19	1.19	1.38	1.	0.072	0.269	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			15.492								
31679p	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	11/21/78-12/15/98	1	22.	22.	22.	22.	0.	0.	**	**	**	**
31679p	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	11/21/78-12/15/98	1	1.342	1.342	1.342	1.342	0.	0.	**	**	**	**
31679p	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			22.								
71900p	MERCURY, TOTAL (UG/L AS HG)	11/30/77-12/15/98	2 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1998 - Station CHCH0299

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/30/77-12/15/98	5	13.8	13.08	16.5	9.6	9.387	3.064	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	11/30/77-12/15/98	5	10.1	10.18	12.7	7.8	4.537	2.13	**	**	**	**
00335p	COD, .025N K2CR2O7 MG/L	01/25/79-12/15/98	6 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00400p	PH (STANDARD UNITS)	11/30/77-12/15/98	5	7.66	7.642	7.85	7.33	0.037	0.193	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	11/30/77-12/15/98	5	7.66	7.604	7.85	7.33	0.039	0.197	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/30/77-12/15/98	5	0.022	0.025	0.047	0.014	0.	0.013	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/30/77-12/15/98	6 ##	5.	6.667	15.	5.	16.667	4.082	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/22/83-12/15/98	6 ##	0.01	0.015	0.04	0.01	0.	0.012	**	**	**	**
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/30/77-12/15/98	6	0.3	0.307	0.41	0.22	0.005	0.073	**	**	**	**
00635p	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	11/30/77-12/15/98	6 ##	0.05	0.1	0.3	0.05	0.01	0.1	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	11/30/77-12/15/98	6	0.009	0.011	0.02	0.002	0.	0.007	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/23/82-12/15/98	6	78.5	83.167	119.	64.	396.567	19.914	**	**	**	**
01002p	ARSENIC, TOTAL (UG/L AS AS)	11/30/77-12/15/98	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01027p	CADMIUM, TOTAL (UG/L AS CD)	11/30/77-12/15/98	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034p	CHROMIUM, TOTAL (UG/L AS CR)	11/30/77-12/15/98	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01042p	COPPER, TOTAL (UG/L AS CU)	11/30/77-12/15/98	6	2.	1.75	3.	0.5	0.775	0.88	**	**	**	**
01051p	LEAD, TOTAL (UG/L AS PB)	11/30/77-12/15/98	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	02/22/83-12/15/98	6 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	04/21/82-12/15/98	6	8.	7.333	10.	1.	11.067	3.327	**	**	**	**
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-12/15/98	6	33.	59.333	192.	2.	5492.267	74.11	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-12/15/98	6	1.374	1.316	2.283	0.301	0.636	0.798	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			20.72								
31679p	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	11/21/78-12/15/98	6 ##	0.25	0.75	3.	0.	1.375	1.173	**	**	**	**
31679p	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	11/21/78-12/15/98	6 ##	-0.151	0.029	0.477	-0.301	0.063	0.25	**	**	**	**
31679p	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.07								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

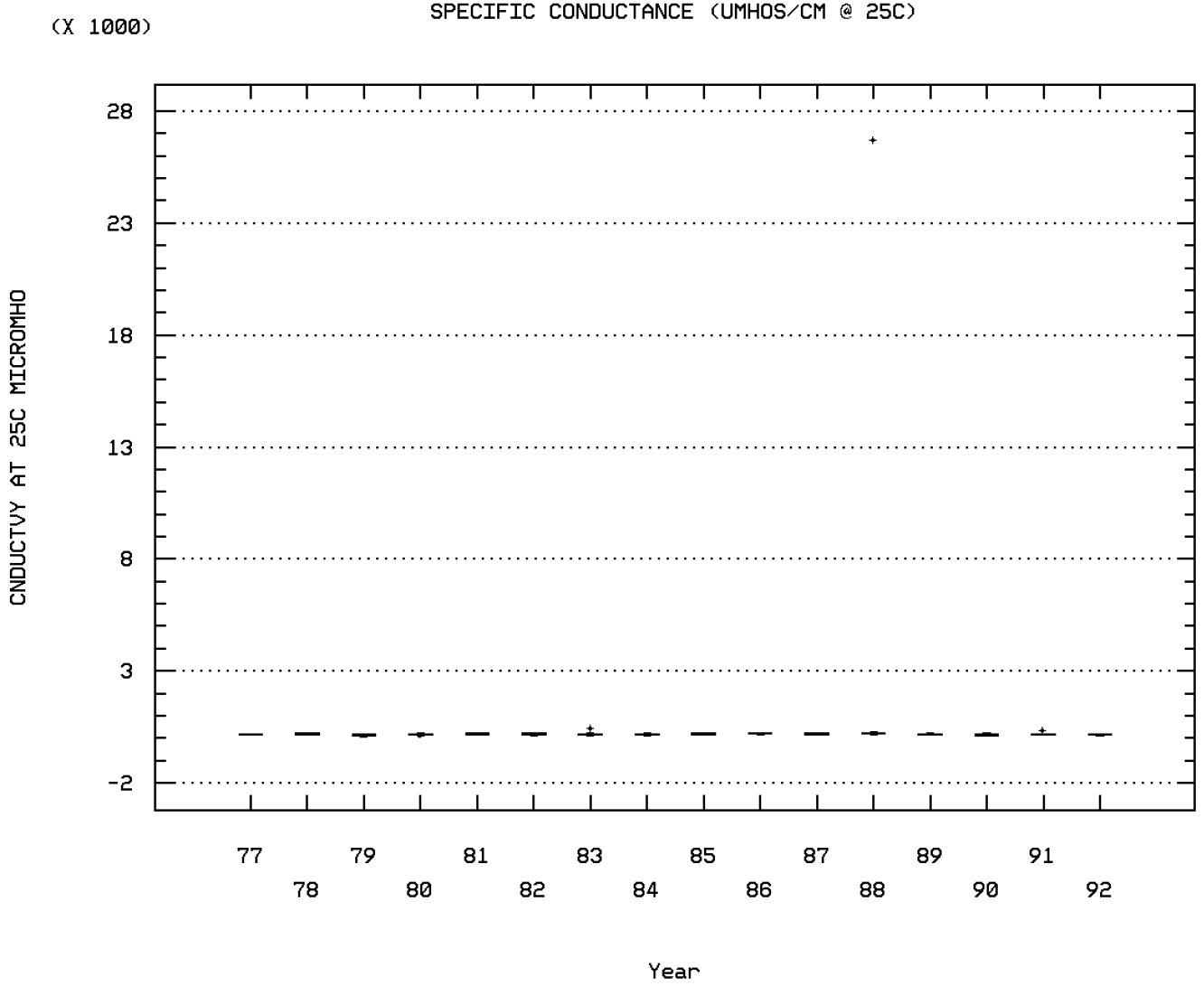
Annual Analysis for 1998 - Station CHCH0299

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71900p MERCURY, TOTAL (UG/L AS HG)	11/30/77-12/15/98	6 ##	0.1	0.083	0.1	0.	0.002	0.041	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: CHCH0299 Parameter Code: 00095

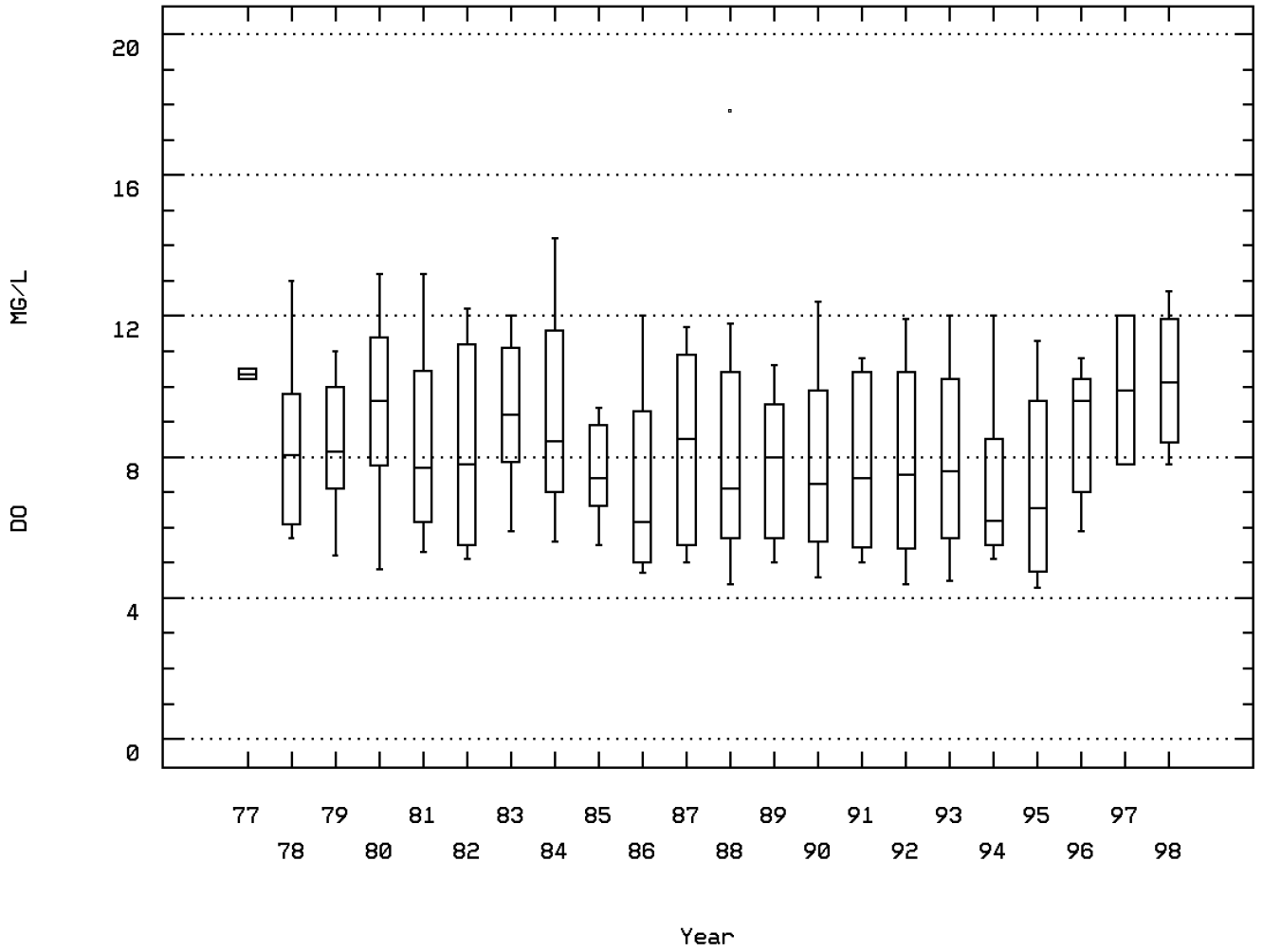
SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)



TENNESSEE RIVER MI. 444

Station: CHCH0299 Parameter Code: 00300

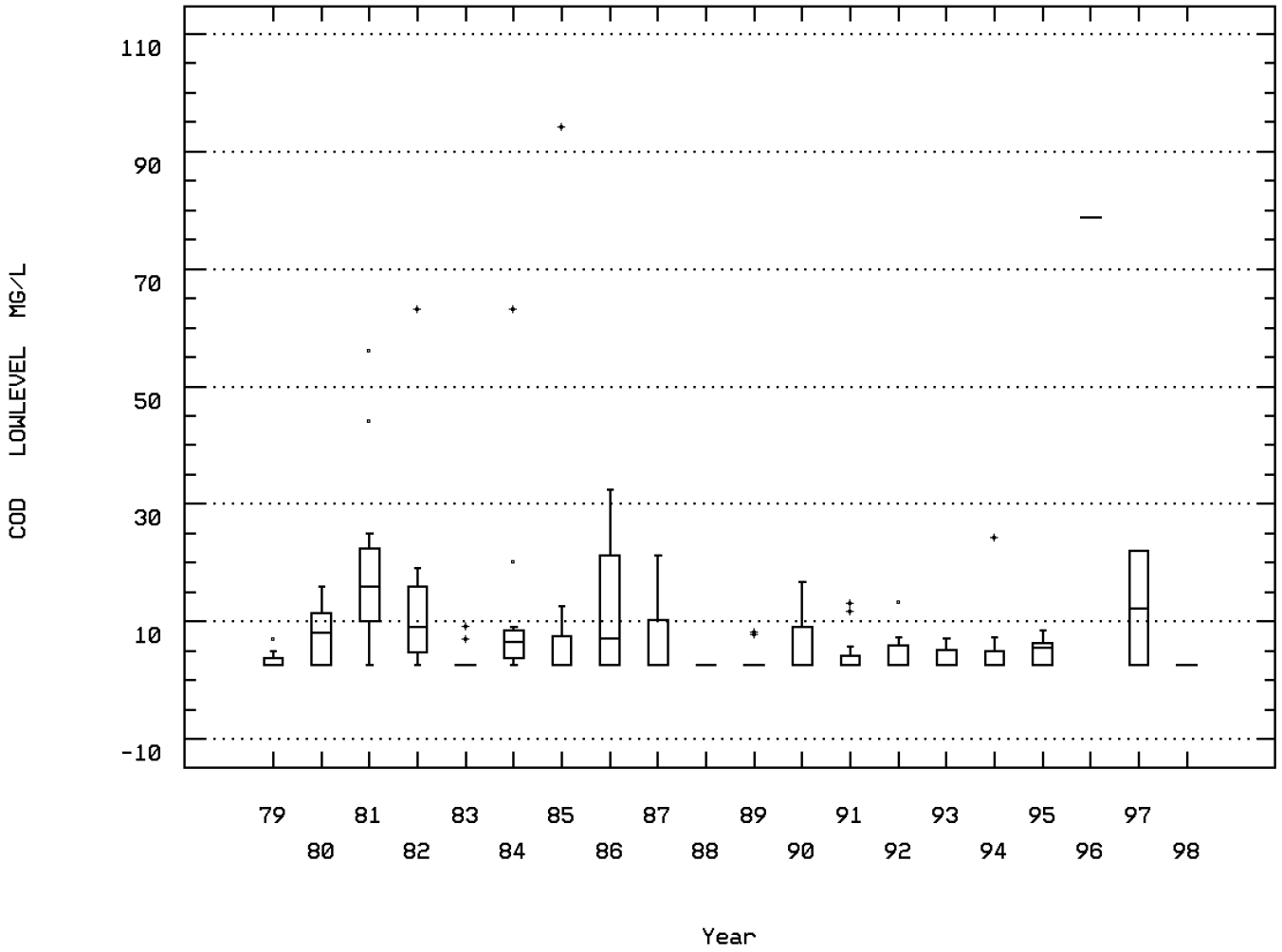
OXYGEN, DISSOLVED



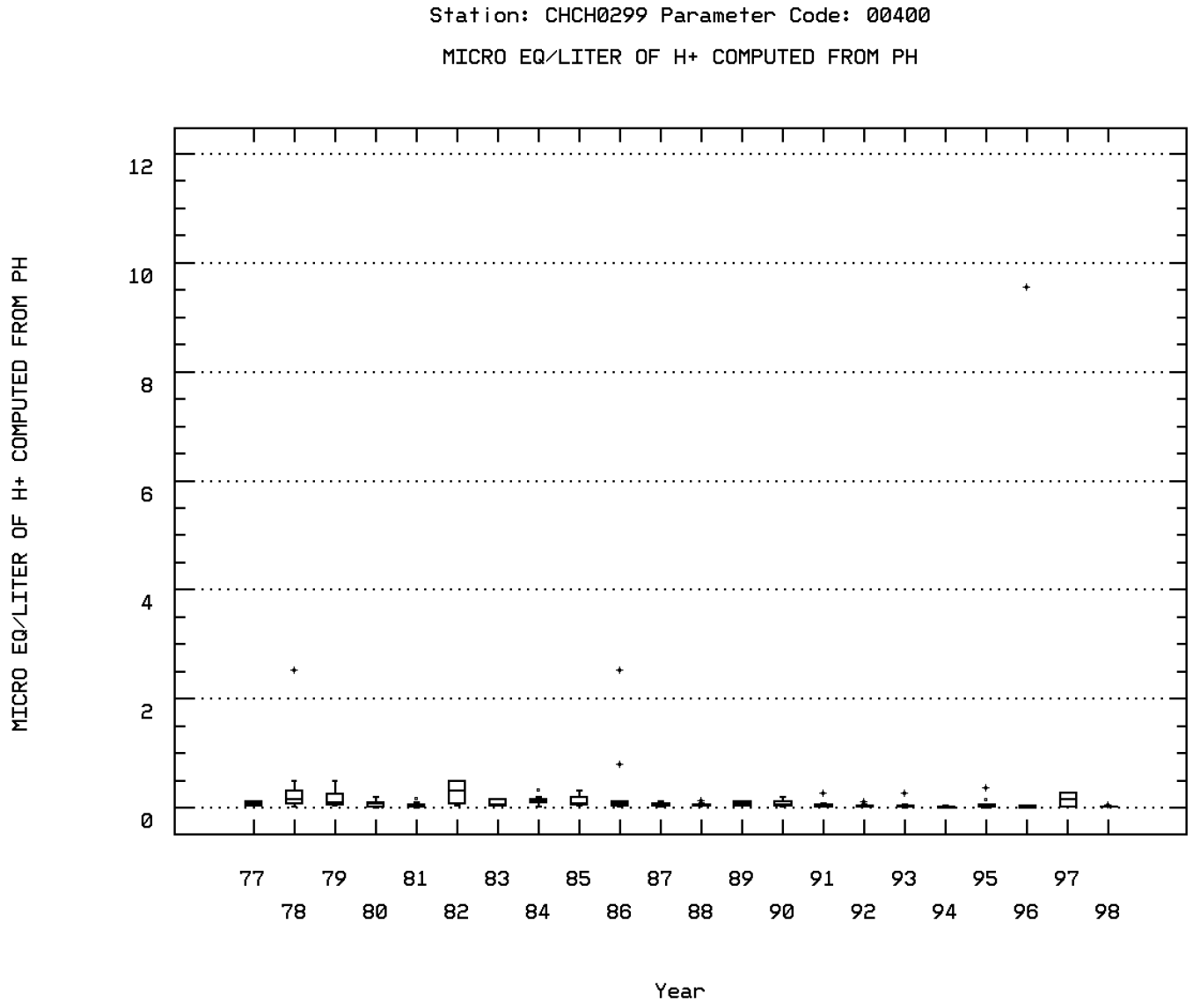
TENNESSEE RIVER MI. 444

Station: CHCH0299 Parameter Code: 00335

COD, .025N K2CR2O7



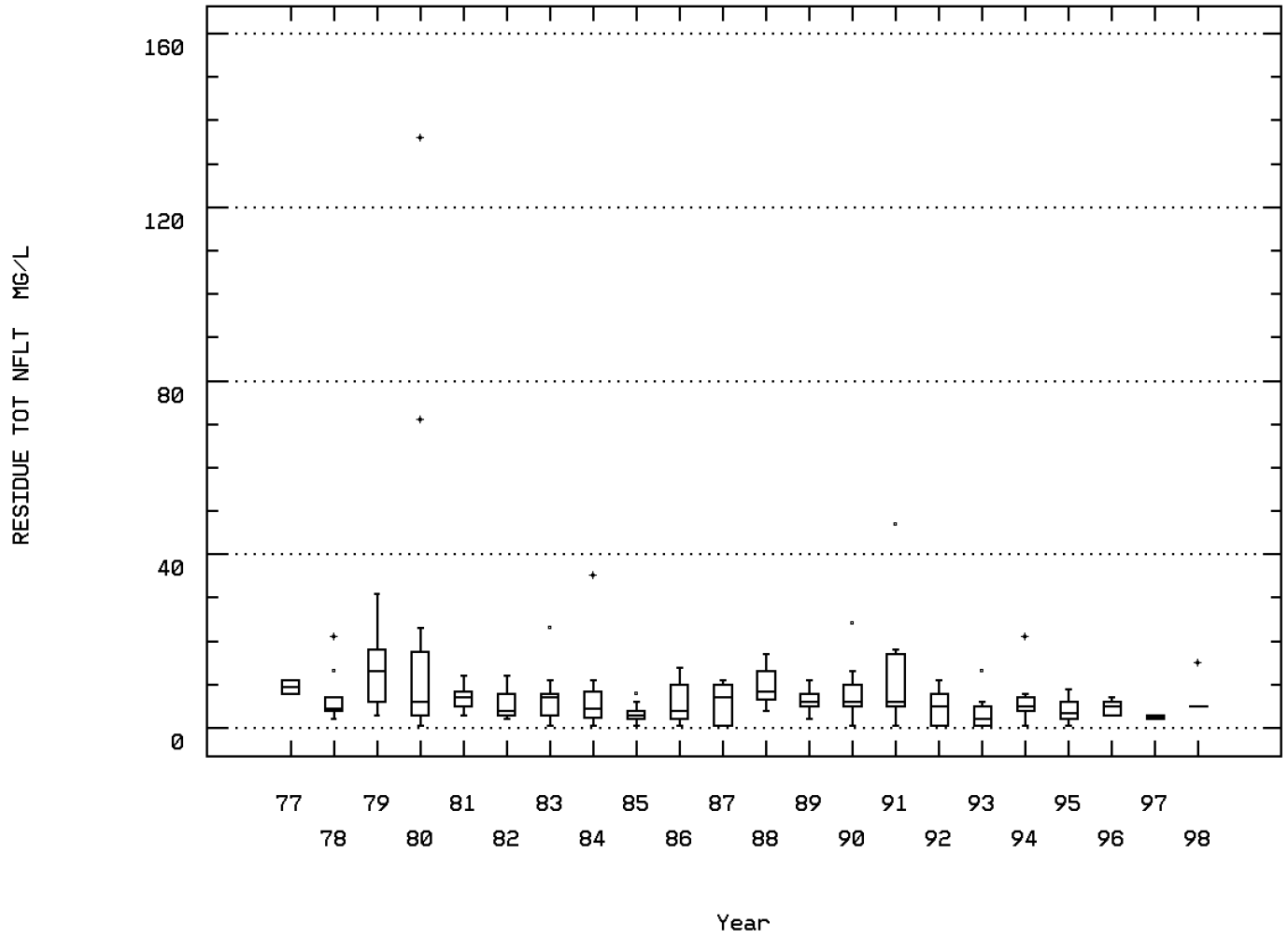
TENNESSEE RIVER MI. 444



TENNESSEE RIVER MI. 444

Station: CHCH0299 Parameter Code: 00530

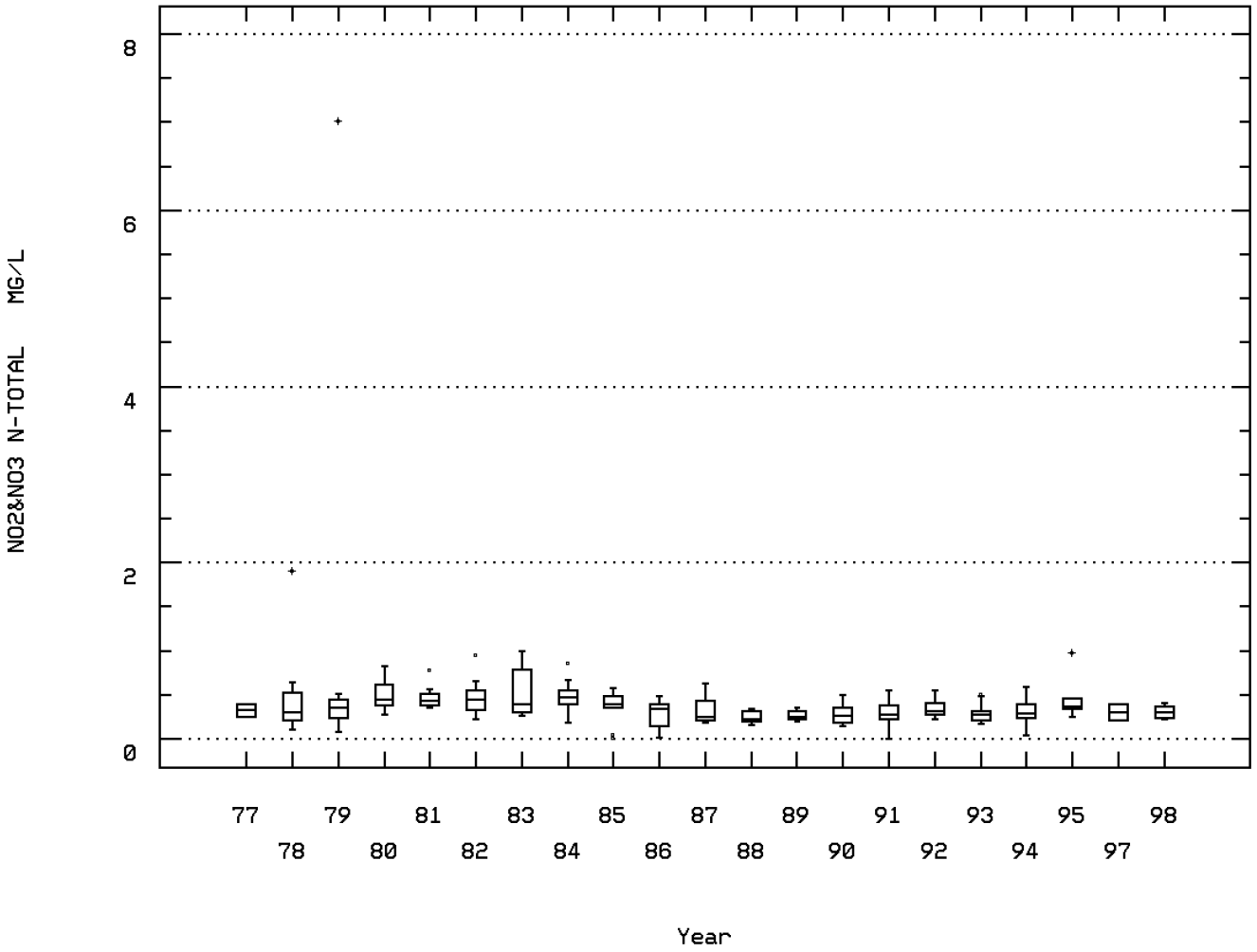
RESIDUE, TOTAL NONFILTRABLE (MG/L)



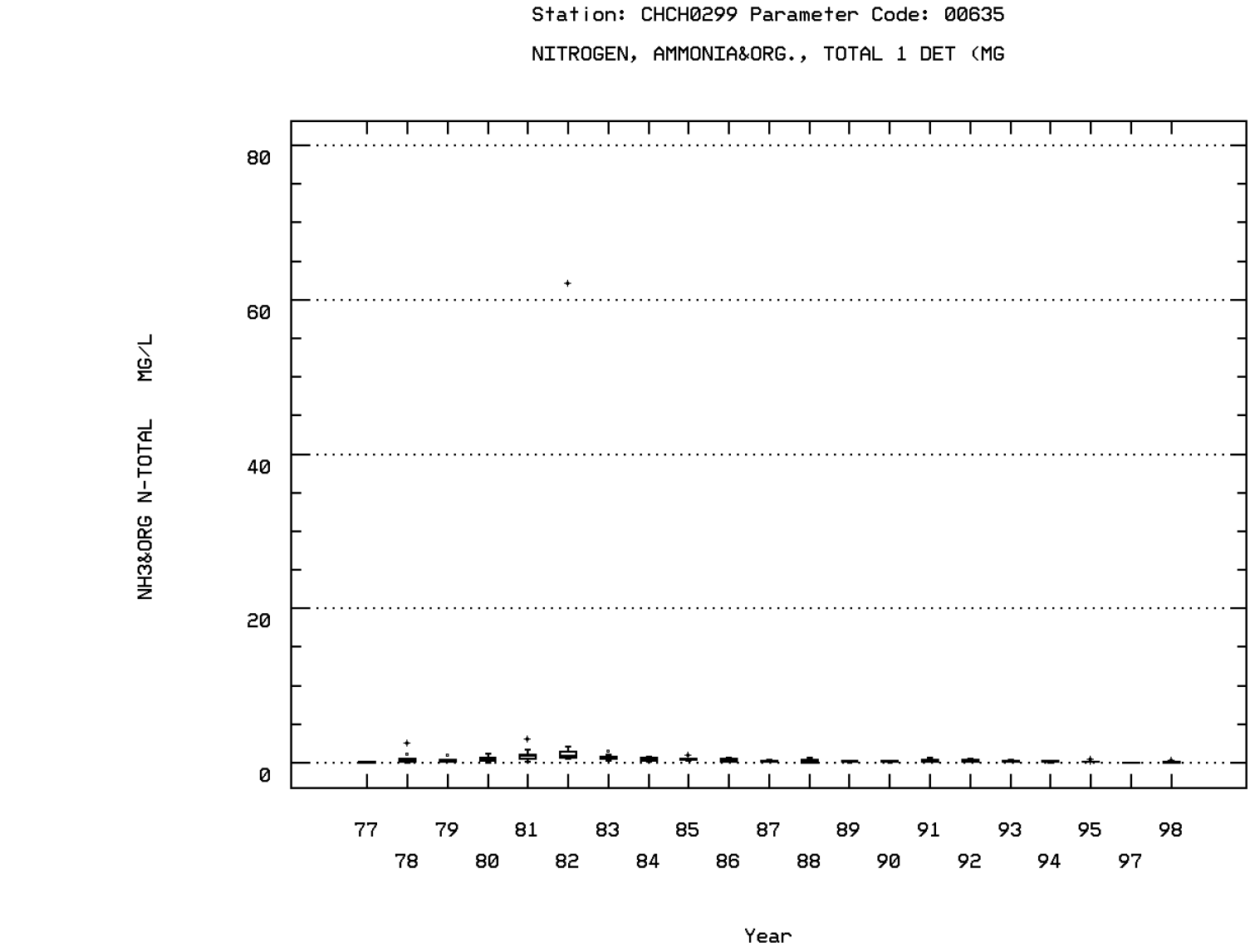
TENNESSEE RIVER MI. 444

Station: CHCH0299 Parameter Code: 00630

NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/



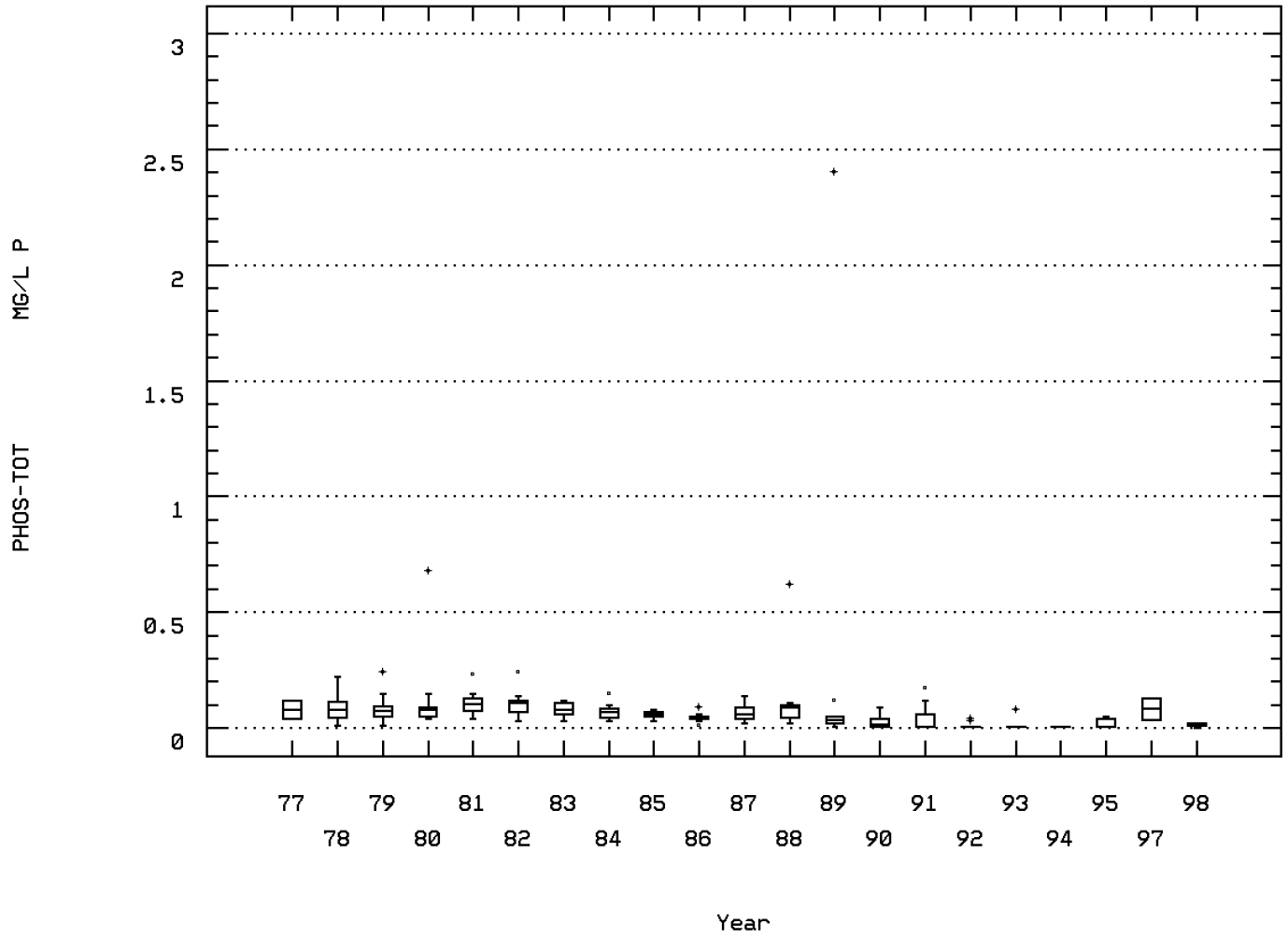
TENNESSEE RIVER MI. 444



TENNESSEE RIVER MI. 444

Station: CHCH0299 Parameter Code: 00665

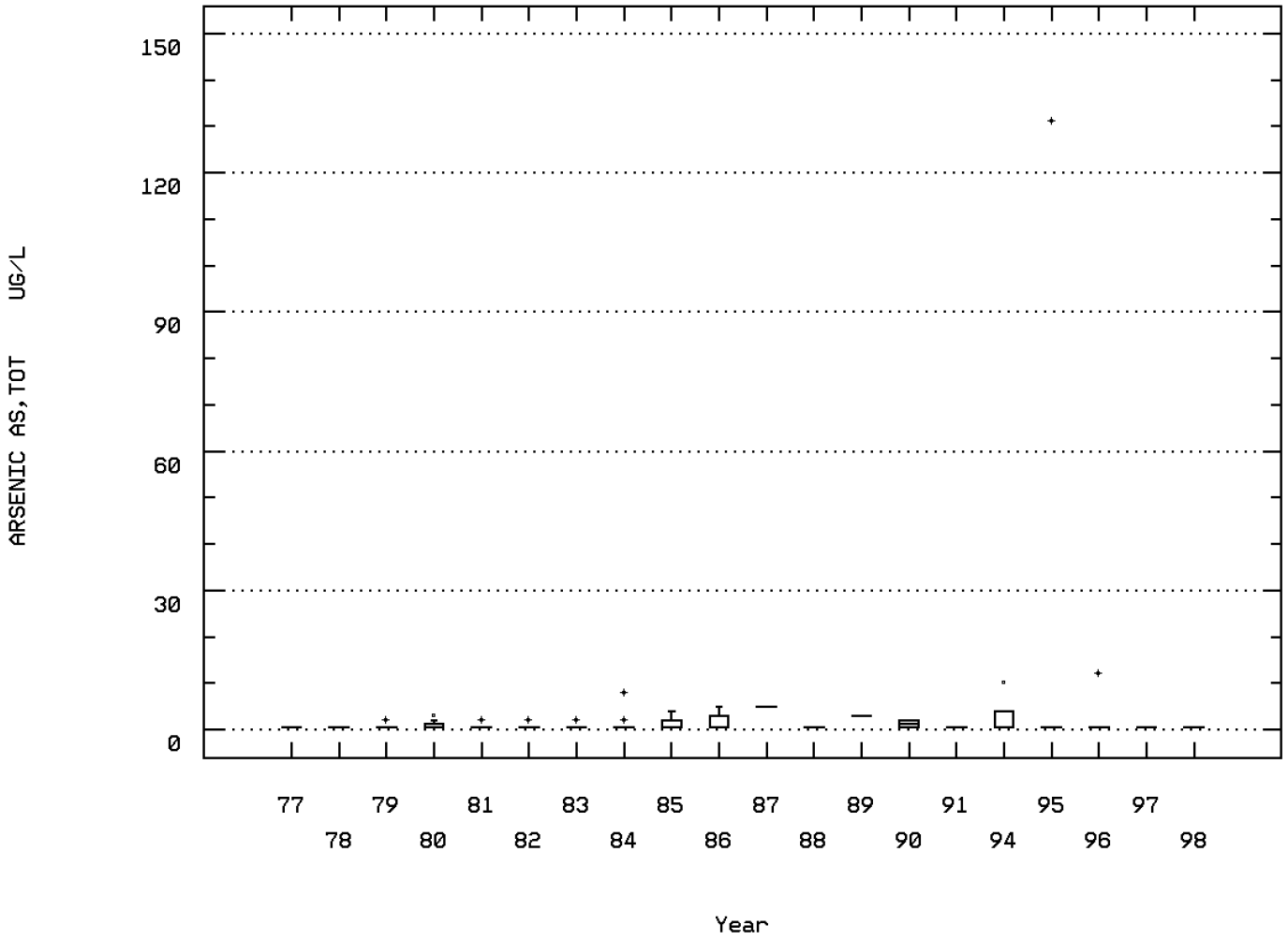
PHOSPHORUS, TOTAL (MG/L AS P)



TENNESSEE RIVER MI. 444

Station: CHCH0299 Parameter Code: 01002

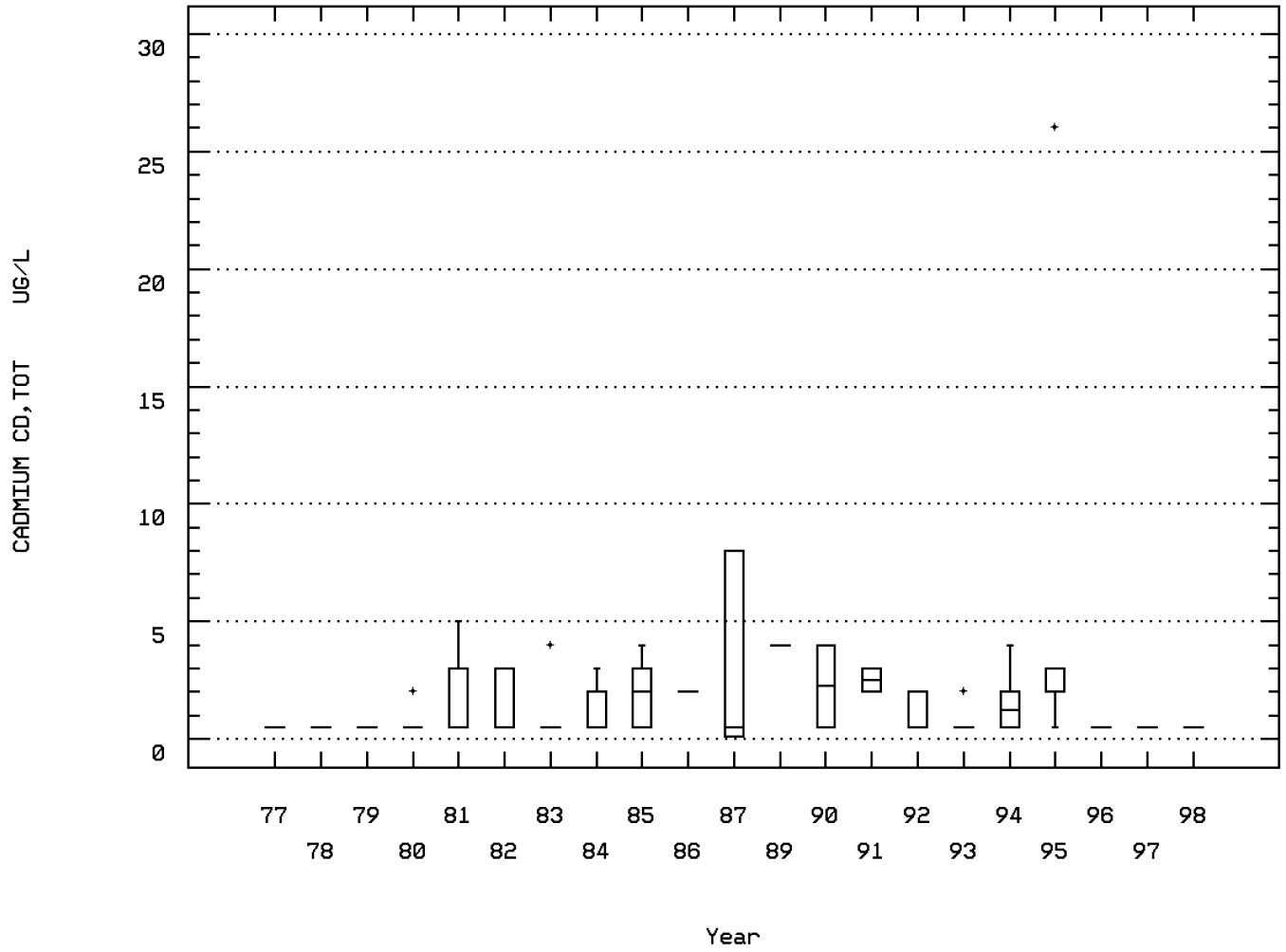
ARSENIC, TOTAL (UG/L AS AS)



TENNESSEE RIVER MI. 444

Station: CHCH0299 Parameter Code: 01027

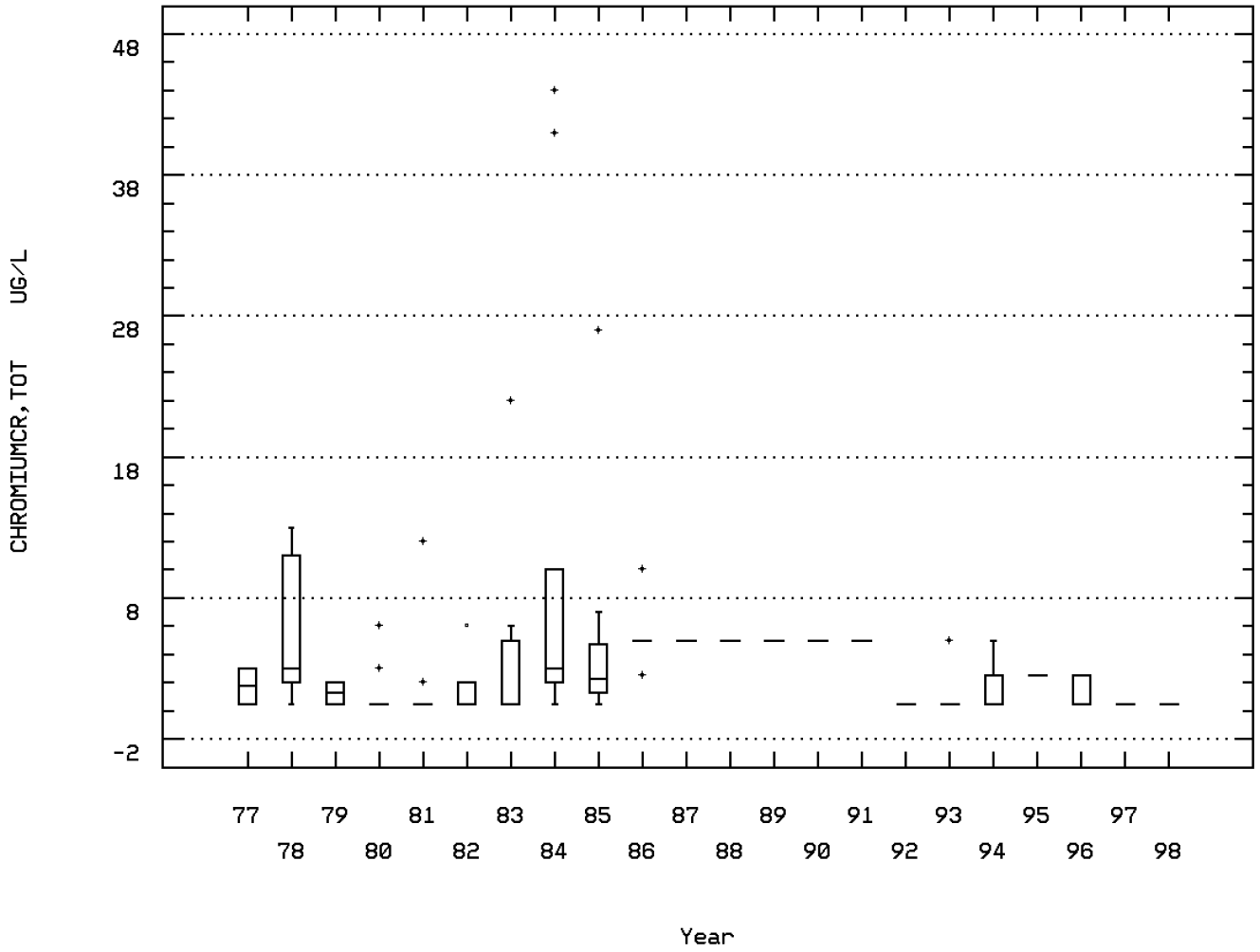
CADMIUM, TOTAL (UG/L AS CD)



TENNESSEE RIVER MI. 444

Station: CHCH0299 Parameter Code: 01034

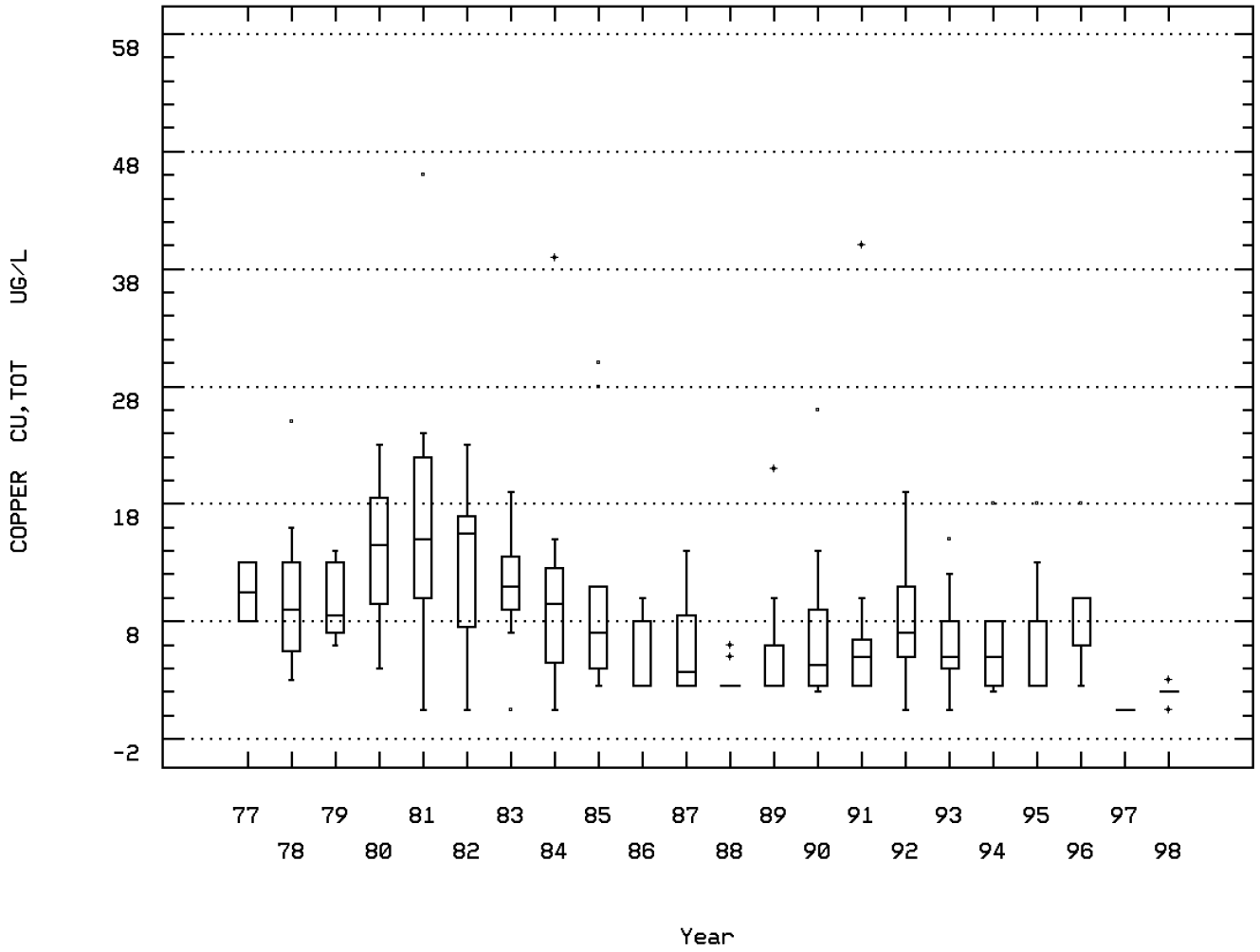
CHROMIUM, TOTAL (UG/L AS CR)



TENNESSEE RIVER MI. 444

Station: CHCH0299 Parameter Code: 01042

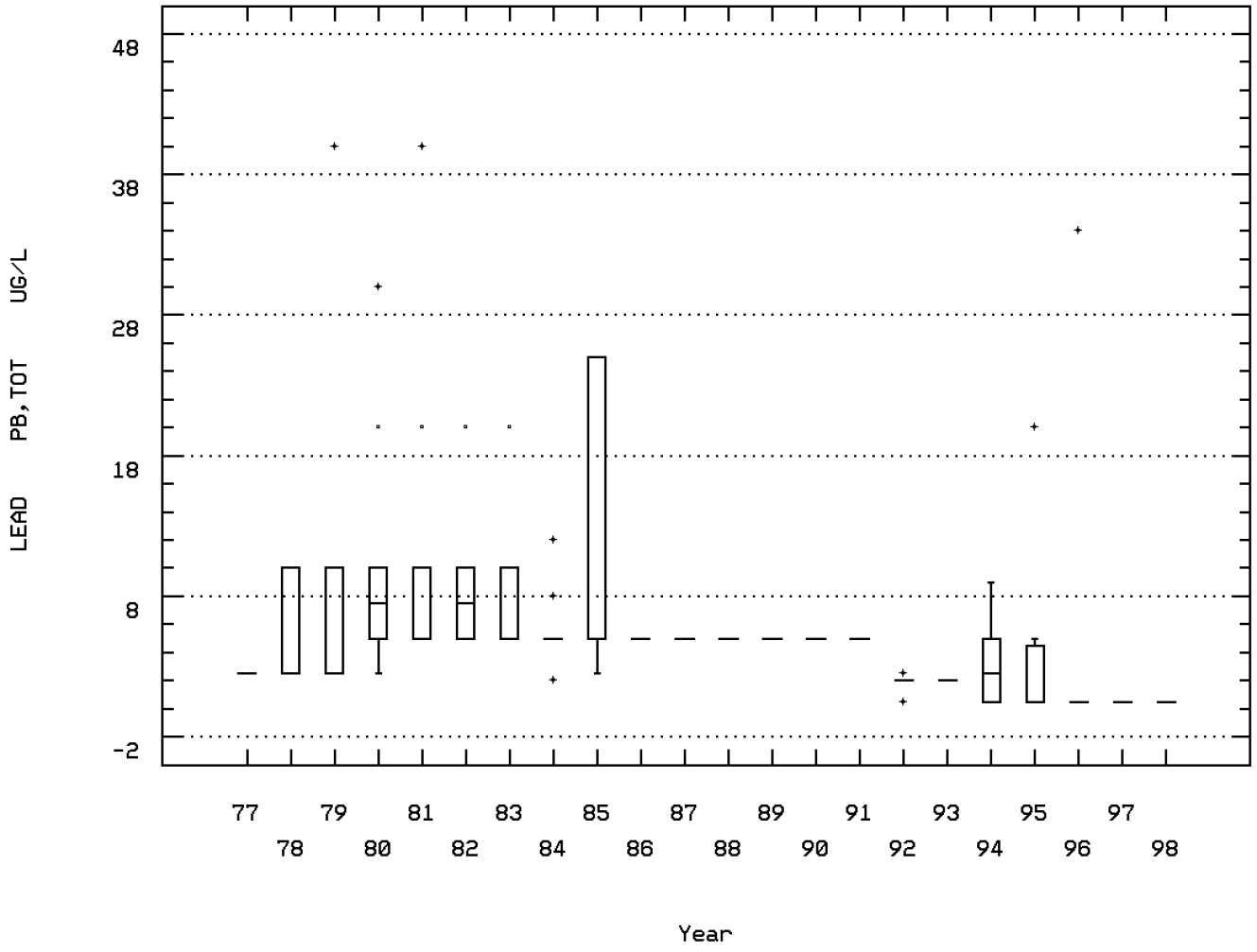
COPPER, TOTAL (UG/L AS CU)



TENNESSEE RIVER MI. 444

Station: CHCH0299 Parameter Code: 01051

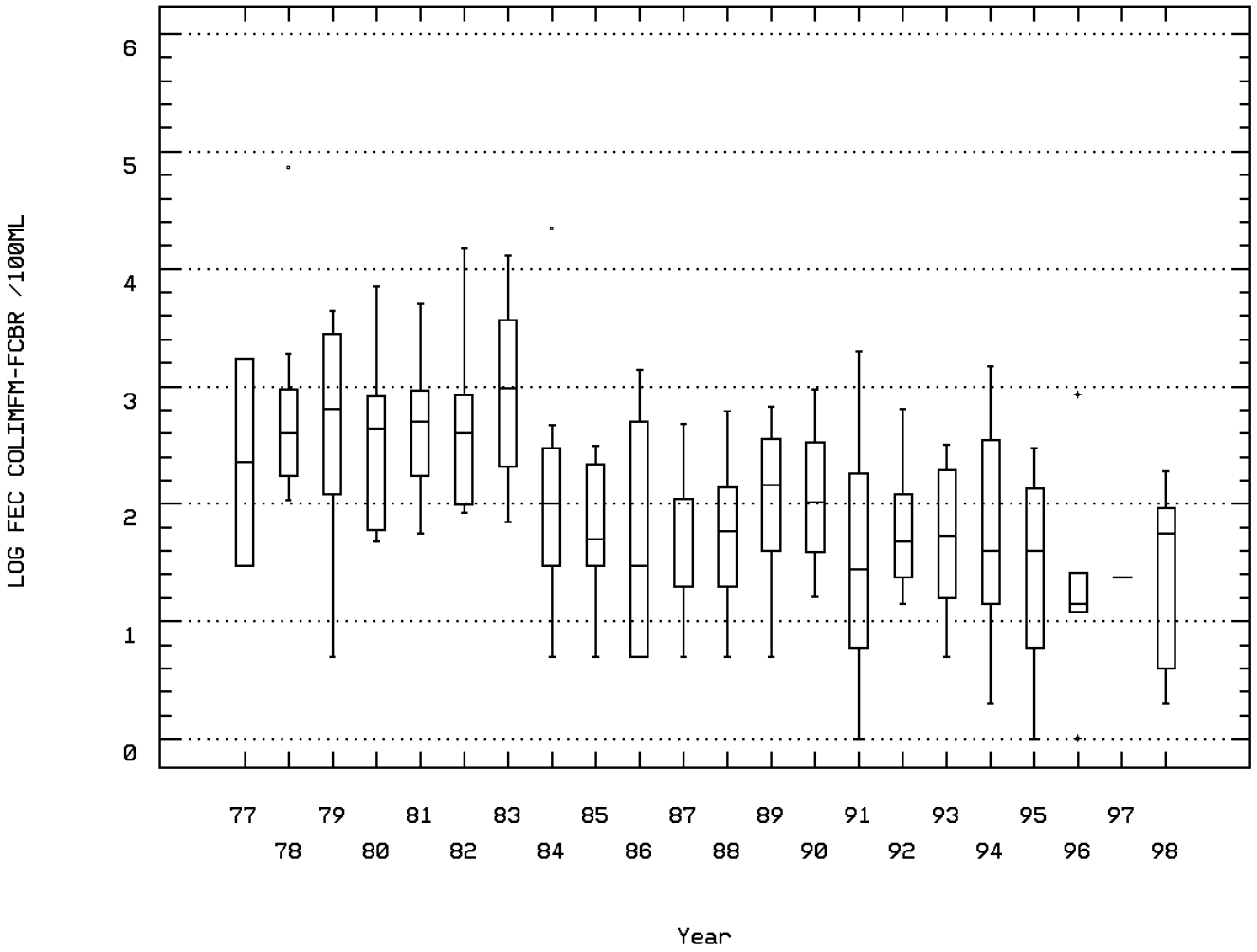
LEAD, TOTAL (UG/L AS PB)



TENNESSEE RIVER MI. 444

Station: CHCH0299 Parameter Code: 31616

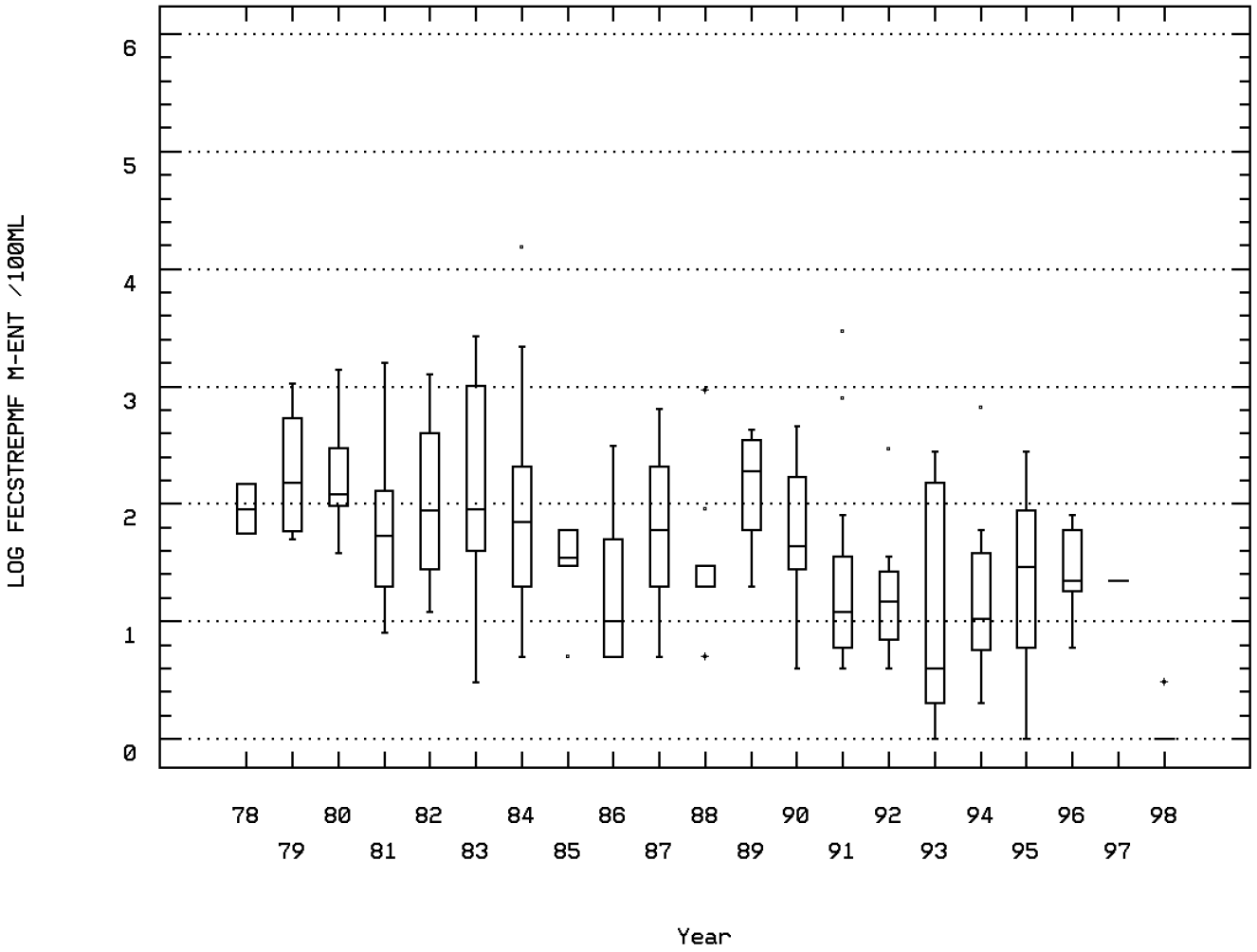
LOG FECAL COLIFORM,MEMBR FILTER,M-FC BR



TENNESSEE RIVER MI. 444

Station: CHCH0299 Parameter Code: 31679

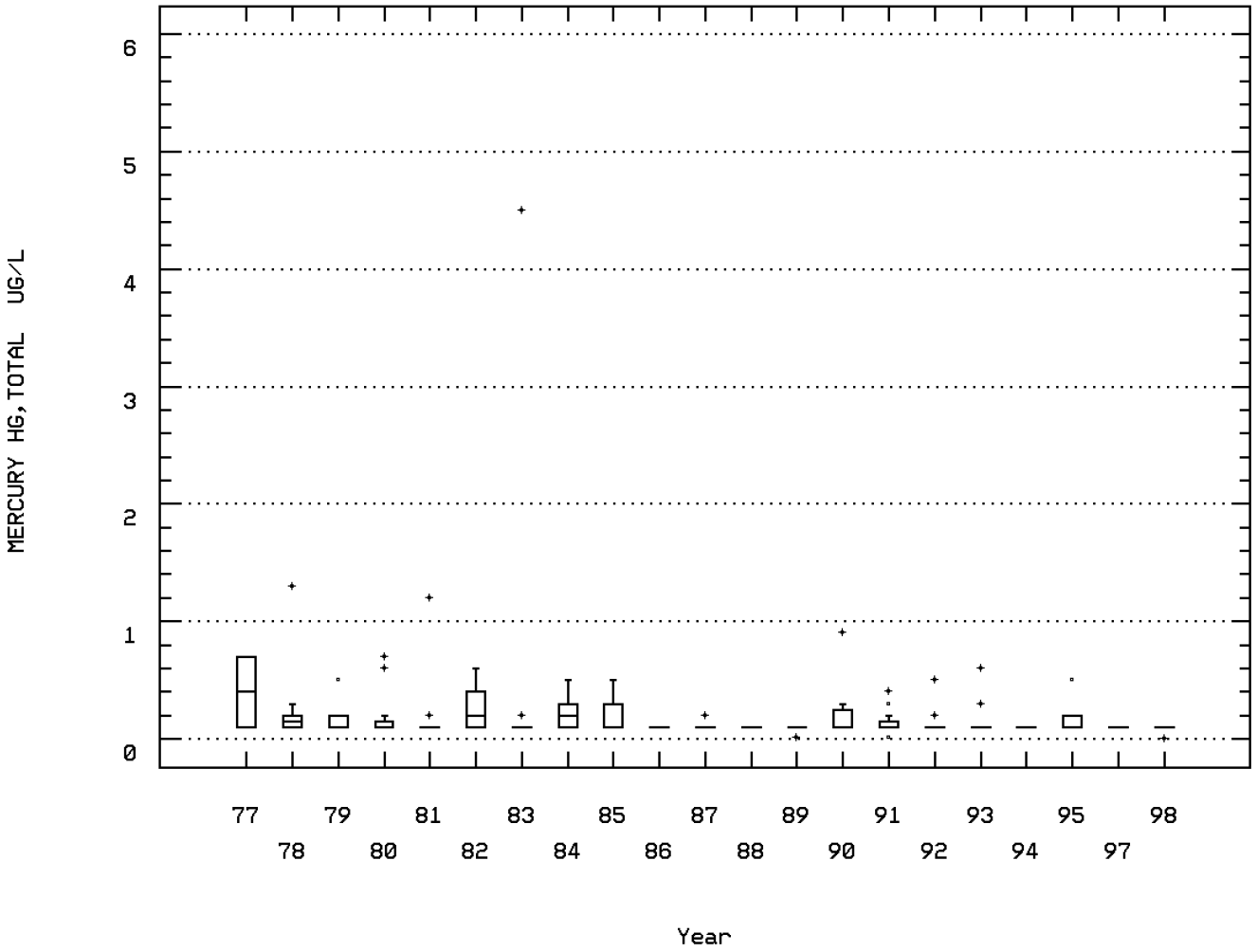
LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCU



TENNESSEE RIVER MI. 444

Station: CHCH0299 Parameter Code: 71900

MERCURY, TOTAL (UG/L AS HG)



TENNESSEE RIVER MI. 444

Seasonal Analysis for Season #1: 6/01 to 10/31 - Station CHCH0299

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/01/77-11/17/87	78	1.	148.987	671.	1.	50124.48	223.885	1.	1.	311.	591.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/30/77-12/15/98	88	25.45	24.793	30.	17.	8.932	2.989	20.54	23.	27.	28.03
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/09/91-12/15/98	17	163.	165.529	197.	142.	259.89	16.121	148.4	151.	177.5	193.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/30/77-12/09/92	72	180.5	185.403	432.	70.	1684.075	41.037	150.6	167.25	200.75	220.7
00300	OXYGEN, DISSOLVED MG/L	11/30/77-12/15/98	85	5.8	6.081	11.4	4.3	1.566	1.252	4.76	5.2	6.85	7.74
00335	COD, .025N K2CR2O7 MG/L	01/25/79-12/15/98	77	5.	9.074	94.	2.5	214.186	14.635	2.5	2.5	9.35	18.4
00400	PH (STANDARD UNITS)	11/30/77-12/15/98	85	7.3	7.213	8.6	5.6	0.192	0.439	6.66	7.01	7.445	7.636
00400	CONVERTED PH (STANDARD UNITS)	11/30/77-12/15/98	85	7.3	6.906	8.6	5.6	0.288	0.536	6.66	7.01	7.445	7.636
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/30/77-12/15/98	85	0.05	0.124	2.512	0.003	0.088	0.297	0.023	0.036	0.098	0.22
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/30/77-12/15/98	88	4.	5.881	71.	0.5	67.787	8.233	0.5	2.	7.75	11.1
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/22/83-12/15/98	58	0.08	0.09	0.38	0.01	0.005	0.074	0.01	0.038	0.12	0.201
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/30/77-12/15/98	83	0.26	0.37	7.	0.005	0.564	0.751	0.15	0.21	0.37	0.456
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	11/30/77-12/15/98	83	0.3	1.2	62.	0.03	45.751	6.764	0.2	0.3	0.6	1.06
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/30/77-12/15/98	83	0.05	0.066	0.68	0.005	0.007	0.084	0.005	0.005	0.09	0.12
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/23/82-12/15/98	65	75.	77.215	190.	43.	382.234	19.551	57.4	67.	82.	92.
01002	ARSENIC, TOTAL (UG/L AS AS)	11/30/77-12/15/98	88 ##	1.	1.119	10.	0.5	1.942	1.394	0.5	0.5	1.	2.
01027	CADMIUM, TOTAL (UG/L AS CD)	11/30/77-12/15/98	88 ##	1.	1.348	26.	0.1	7.666	2.769	0.5	0.5	1.	2.
01034	CHROMIUM, TOTAL (UG/L AS CR)	11/30/77-12/15/98	88 ##	2.5	3.699	44.	0.5	29.371	5.419	0.5	0.5	5.	5.
01042	COPPER, TOTAL (UG/L AS CU)	11/30/77-12/15/98	88	6.	8.858	46.	0.5	57.166	7.561	2.5	2.5	12.	18.
01051	LEAD, TOTAL (UG/L AS PB)	11/30/77-12/15/98	87 ##	5.	5.178	25.	0.5	19.564	4.423	0.5	2.5	5.	10.
01067	NICKEL, TOTAL (UG/L AS NI)	02/22/83-12/15/98	64 ##	10.	8.125	40.	1.5	31.698	5.63	1.5	5.	10.	10.
01092	ZINC, TOTAL (UG/L AS ZN)	04/21/82-12/15/98	63	6.	29.183	440.	0.5	4297.164	65.553	2.5	2.5	28.	72.6
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-12/15/98	86	70.	664.767	13100.	2.	3635489.286	1906.696	6.	10.	410.	1085.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-12/15/98	86	1.845	1.896	4.117	0.301	0.831	0.912	0.778	1.	2.612	3.028
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			78.696								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	11/21/78-12/15/98	78	28.	101.269	1400.	1.	47476.433	217.891	4.	10.	90.	241.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	11/21/78-12/15/98	78	1.447	1.469	3.146	0.	0.472	0.687	0.602	1.	1.954	2.382
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			29.42								
71900	MERCURY, TOTAL (UG/L AS HG)	11/30/77-12/15/98	83 ##	0.1	0.229	4.5	0.01	0.268	0.518	0.1	0.1	0.1	0.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 2/29 - Station CHCH0299

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/01/77-11/17/87	45	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/30/77-12/15/98	76	9.5	10.113	18.	4.	12.36	3.516	6.	7.525	12.075	16.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/09/91-12/15/98	17	160.	163.588	208.	132.	464.882	21.561	138.4	146.	180.	197.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/30/77-12/09/92	59	181.	181.78	302.	59.	1197.313	34.602	136.	165.	210.	215.
00300	OXYGEN, DISSOLVED MG/L	11/30/77-12/15/98	74	10.3	10.18	17.8	1.	5.069	2.251	7.7	8.825	11.825	12.4
00335	COD, .025N K2CR2O7 MG/L	01/25/79-12/15/98	67 ##	2.5	7.561	63.	2.5	121.075	11.003	2.5	2.5	8.	19.2
00400	PH (STANDARD UNITS)	11/30/77-12/15/98	73	7.3	7.245	9.52	5.6	0.308	0.555	6.588	6.9	7.56	7.9
00400	CONVERTED PH (STANDARD UNITS)	11/30/77-12/15/98	73	7.3	6.881	9.52	5.6	0.442	0.665	6.588	6.9	7.56	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/30/77-12/15/98	73	0.05	0.132	2.512	0.	0.095	0.309	0.013	0.028	0.126	0.258
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/30/77-12/15/98	78	5.	8.647	136.	0.5	264.286	16.257	0.95	3.	8.25	15.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/22/83-12/15/98	50	0.04	0.052	0.18	0.01	0.002	0.041	0.01	0.02	0.07	0.1
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/30/77-12/15/98	73	0.4	0.417	0.99	0.08	0.032	0.179	0.24	0.285	0.485	0.658
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	11/30/77-12/15/98	73	0.3	0.412	3.	0.05	0.253	0.503	0.088	0.2	0.4	1.02
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/30/77-12/15/98	73	0.05	0.06	0.24	0.002	0.003	0.051	0.005	0.02	0.09	0.132
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/23/82-12/15/98	57	70.	70.439	104.	43.	151.643	12.314	54.6	62.5	76.	89.2
01002	ARSENIC, TOTAL (UG/L AS AS)	11/30/77-12/15/98	77 ##	1.	0.948	12.	0.5	1.747	1.322	0.5	0.5	1.	1.
01027	CADMIUM, TOTAL (UG/L AS CD)	11/30/77-12/15/98	77 ##	1.	1.084	8.	0.5	1.095	1.046	0.5	0.5	1.	2.
01034	CHROMIUM, TOTAL (UG/L AS CR)	11/30/77-12/15/98	77 ##	2.5	3.377	41.	0.5	23.317	4.829	0.5	0.5	5.	5.2
01042	COPPER, TOTAL (UG/L AS CU)	11/30/77-12/15/98	77	5.	7.429	40.	0.5	52.702	7.26	1.	2.5	11.	17.2
01051	LEAD, TOTAL (UG/L AS PB)	11/30/77-12/15/98	76 ##	5.	6.263	40.	0.5	54.35	7.372	0.5	2.5	5.	10.
01067	NICKEL, TOTAL (UG/L AS NI)	02/22/83-12/15/98	54 ##	10.	9.185	68.	1.5	104.833	10.239	1.5	5.	10.	11.
01092	ZINC, TOTAL (UG/L AS ZN)	04/21/82-12/15/98	54	8.	18.259	154.	0.5	724.998	26.926	2.5	2.5	22.25	47.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 2/29 - Station CHCH0299

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-12/15/98	74	79.	1363.676	73000.	1.	71876568.688	8478.005	7.5	20.	400.	1115.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-12/15/98	74	1.898	1.974	4.863	0.	0.763	0.873	0.849	1.301	2.602	3.042
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			94.225								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	11/21/78-12/15/98	69	60.	458.442	15200.	0.	3468686.541	1862.441	4.	16.	285.	920.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	11/21/78-12/15/98	69	1.778	1.757	4.182	-0.301	0.808	0.899	0.602	1.204	2.455	2.964
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			57.095								
71900	MERCURY, TOTAL (UG/L AS HG)	11/30/77-12/15/98	72 ##	0.1	0.154	0.9	0.	0.021	0.145	0.1	0.1	0.1	0.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 3/01 to 5/31 - Station CHCH0299

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/01/77-11/17/87	32	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/30/77-12/15/98	54	15.25	15.183	22.5	7.	18.221	4.269	9.75	11.	19.025	20.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/09/91-12/15/98	10	141.5	143.3	185.	119.	428.678	20.705	119.1	123.75	156.	182.4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/30/77-12/09/92	42	165.	795.786	26653.	85.	16705675.441	4087.258	139.	149.	180.	195.7
00300	OXYGEN, DISSOLVED MG/L	11/30/77-12/15/98	53	9.4	9.011	13.5	6.1	3.541	1.882	6.5	7.05	10.4	11.64
00335	COD, .025N K2CR2O7 MG/L	01/25/79-12/15/98	48 ##	2.5	6.588	63.	2.5	90.139	9.494	2.5	2.5	7.85	13.3
00400	PH (STANDARD UNITS)	11/30/77-12/15/98	52	7.1	7.147	8.34	5.02	0.316	0.562	6.5	6.855	7.508	7.835
00400	CONVERTED PH (STANDARD UNITS)	11/30/77-12/15/98	52	7.1	6.535	8.34	5.02	0.699	0.836	6.5	6.855	7.507	7.835
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/30/77-12/15/98	52	0.079	0.292	9.55	0.005	1.727	1.314	0.015	0.031	0.14	0.316
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/30/77-12/15/98	54	6.	7.556	35.	0.5	49.846	7.06	0.5	2.75	11.	18.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/22/83-12/15/98	38	0.08	0.103	1.	0.01	0.025	0.16	0.01	0.028	0.115	0.182
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/30/77-12/15/98	54	0.37	0.412	1.9	0.11	0.066	0.257	0.195	0.295	0.475	0.595
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	11/30/77-12/15/98	53	0.3	0.382	1.6	0.05	0.084	0.29	0.1	0.2	0.5	0.8
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/30/77-12/15/98	54	0.05	0.103	2.4	0.005	0.109	0.33	0.005	0.005	0.09	0.115
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/23/82-12/15/98	40	66.5	65.575	88.	49.	90.251	9.5	52.1	57.25	72.	76.
01002	ARSENIC, TOTAL (UG/L AS AS)	11/30/77-12/15/98	55 ##	1.	3.4	131.	0.5	307.948	17.548	0.5	0.5	1.	2.4
01027	CADMIUM, TOTAL (UG/L AS CD)	11/30/77-12/15/98	55 ##	1.	1.1	5.	0.5	0.994	0.997	0.5	0.5	1.	3.
01034	CHROMIUM, TOTAL (UG/L AS CR)	11/30/77-12/15/98	55 ##	2.	3.091	27.	0.5	16.871	4.107	0.5	0.5	5.	5.
01042	COPPER, TOTAL (UG/L AS CU)	11/30/77-12/15/98	55	7.	9.245	30.	0.5	47.749	6.91	2.5	3.	14.	18.4
01051	LEAD, TOTAL (UG/L AS PB)	11/30/77-12/15/98	55 ##	5.	6.091	34.	0.5	37.149	6.095	0.5	4.	5.	10.
01067	NICKEL, TOTAL (UG/L AS NI)	02/22/83-12/15/98	40 ##	7.5	7.165	19.	0.1	14.584	3.819	1.5	5.	10.	10.
01092	ZINC, TOTAL (UG/L AS ZN)	04/21/82-12/15/98	42	8.	17.25	79.	0.5	433.43	20.819	2.15	2.5	22.5	57.7
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-12/15/98	53	136.	1198.962	22000.	1.	13511070.383	3675.741	5.	17.	760.	1976.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-12/15/98	53	2.134	2.073	4.342	0.	1.042	1.021	0.699	1.224	2.879	3.291
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			118.188								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	11/21/78-12/15/98	45	20.	223.511	2700.	0.	284350.437	533.245	4.	6.	115.	748.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	11/21/78-12/15/98	45	1.301	1.515	3.431	0.	0.764	0.874	0.602	0.778	2.06	2.873
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			32.73								
71900	MERCURY, TOTAL (UG/L AS HG)	11/30/77-12/15/98	50 ##	0.1	0.154	0.6	0.01	0.015	0.121	0.1	0.1	0.125	0.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: CHCH0300

NPS Station ID: CHCH0300 LAT/LON: 35.061115/ -85.277781 Agency: 1113S000 Date Created: / /
Location: TENNESSEE RIVER AT TRIB FROM AMNICOLA DUMP FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 470009 /TR-T-04
RMI-Indexes: 1021500 007720 00920 Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 465.90
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN ECO Region:
RF1 Index: 06020001006 RF1 Mile Point: 5.240 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 06020001124001.53 RF3 Mile Point: 1.57 Distance from RF3: 0.03 On/Off RF3:
Description:
CITY OF CHATTANOOGA AMNICOLA DUMP---LEACHATE STREAM. SAMPLES WERE COLLECTED FROM THE LEACHATE STREAM APPROXIMATELY 20 FEET ABOVE THE POINT WHERE IT FLOWS INTO NICKAJACK RESERVOIR AT RM 465.9. STUDY CONDUCTED BY CREW FROM SOUTHEAST WATER LABORATORY IN JUNE 1972. CHARLES SWEATT-PROJECT ENGINEER; TOM BENNETT-CHEMIST.

Parameter Inventory for Station: CHCH0300

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/72-06/24/72	5	25.	25.8	28.	24.	2.7	1.643	**	**	**	**
00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	06/20/72-06/24/72	5	56.	100.6	263.	32.	9254.3	96.199	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	06/21/72-06/24/72	4	50.	57.5	110.	20.	1491.667	38.622	**	**	**	**
00400	PH (STANDARD UNITS)	06/20/72-06/24/72	5	6.2	5.98	7.	4.6	0.782	0.884	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/20/72-06/24/72	5	6.2	5.253	7.	4.6	1.443	1.201	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/20/72-06/24/72	5	0.631	5.587	25.119	0.1	119.511	10.932	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/20/72-06/24/72	5	7.1	7.08	7.4	6.7	0.082	0.286	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/20/72-06/24/72	5	7.1	7.005	7.4	6.7	0.089	0.299	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/20/72-06/24/72	5	0.079	0.099	0.2	0.04	0.004	0.065	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/20/72-06/24/72	5	850.	803.4	960.	477.	36717.8	191.619	**	**	**	**
00435	ACIDITY, TOTAL (MG/L AS CACO3)	06/20/72-06/24/72	5	100.	107.8	150.	51.	1550.2	39.373	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	06/20/72-06/24/72	5	1368.	1374.	1449.	1313.	2803.5	52.948	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	06/20/72-06/24/72	5	1363.	1358.4	1409.	1307.	1902.8	43.621	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/20/72-06/24/72	5	9.	15.6	40.	5.	212.3	14.571	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/20/72-06/24/72	5	16.	16.14	19.	12.	8.488	2.913	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/20/72-06/24/72	5	19.	22.2	36.	17.	60.7	7.791	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/20/72-06/24/72	5 ##	0.005	0.105	0.5	0.005	0.049	0.221	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/20/72-06/24/72	5	1.35	1.442	1.74	1.22	0.046	0.216	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/20/72-06/24/72	5	80.	82.2	93.	75.	58.7	7.662	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	06/20/72-06/24/72	5 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	06/20/72-06/24/72	5 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	06/20/72-06/24/72	5 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	06/20/72-06/24/72	5	2500.	3240.	6250.	1950.	3063000.	1750.143	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	06/20/72-06/24/72	5 ##	50.	65.	125.	50.	1125.	33.541	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	06/20/72-06/24/72	5	6500.	9700.	23000.	6000.	55370000.	7441.102	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	06/21/72-06/24/72	4	230.	288.75	535.	160.	29389.583	171.434	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/21/72-06/24/72	4	475000.	555000.	1100000.	170000.1	52833333333.333	390939.04	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/21/72-06/24/72	4	5.676	5.656	6.041	5.23	0.11	0.332	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			453105.026								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/21/72-06/24/72	4	89500.	168500.	490000.	5000.48	619000000.	220497.166	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/21/72-06/24/72	4	4.902	4.798	5.69	3.699	0.705	0.84	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0300

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			62853.053								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/23/72-06/23/72	1	154.	154.	154.	154.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0300

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	5	0	0.00	5	0	0.00									
		Other-Lo Lim.	6.5	5	4	0.80	5	4	0.80									
00403	PH, LAB	Fresh Chronic	9.	5	0	0.00	5	0	0.00									
		Other-Lo Lim.	6.5	5	0	0.00	5	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	5	0	0.00	5	0	0.00									
01002	ARSENIC, TOTAL	Fresh Acute	360.	5	0	0.00	5	0	0.00									
		Drinking Water	50.	5	0	0.00	5	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	5	0	0.00	5	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	0 &	0	0.00												
		Drinking Water	1300.	5	0	0.00	5	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	5	1	0.20	5	1	0.20									
		Drinking Water	15.	1 &	1	1.00	1	1	1.00									
01092	ZINC, TOTAL	Fresh Acute	120.	4	4	1.00	4	4	1.00									
		Drinking Water	5000.	4	0	0.00	4	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	4	4	1.00	4	4	1.00									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	4	4	1.00	4	4	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0301

NPS Station ID: CHCH0301
LAT/LON: 35.061115/ -85.339726
Agency: 21TNWQ
Date Created: / /
Location: TENNESSEE RIVER
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 003280 /333280 /233280
RMI-Indexes: 1021500 007720 00920
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 457.20
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER
ECO Region:
RF1 Index: 06020001002
RF1 Mile Point: 5.750
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 06020001000206.82
RF3 Mile Point: 7.51
Distance from RF3: 0.06
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0301

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/17/64-10/19/76	92	14.	46.989	644.	0.	19104.011	138.217	0.	1.	26.	33.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/17/64-08/19/64	87	26.	25.575	27.	23.	0.736	0.858	24.	25.	26.	27.
00064	DEPTH OF STREAM, MEAN (FT)	06/17/64-08/19/64	83	27.	28.12	35.	22.	14.644	3.827	23.4	25.	32.	33.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/17/64-08/19/64	87	15.	21.621	83.	5.	249.006	15.78	8.	10.	33.	44.
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	06/17/64-08/19/64	87	85.	127.437	375.	50.	7152.412	84.572	60.	68.	162.	279.6
00300	OXYGEN, DISSOLVED MG/L	06/17/64-08/19/64	86	5.5	5.395	6.2	3.2	0.321	0.567	4.6	5.075	5.8	6.1
00310	BOD, 5 DAY, 20 DEG C MG/L	06/17/64-08/19/64	87	1.1	1.128	3.2	0.3	0.29	0.538	0.5	0.8	1.3	1.72
00403	PH, LAB, STANDARD UNITS SU	06/17/64-08/19/64	87	7.	6.979	7.2	6.5	0.023	0.153	6.8	6.9	7.1	7.2
00403	CONVERTED PH, LAB, STANDARD UNITS	06/17/64-08/19/64	87	7.	6.951	7.2	6.5	0.024	0.155	6.8	6.9	7.1	7.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/17/64-08/19/64	87	0.1	0.112	0.316	0.063	0.002	0.046	0.063	0.079	0.126	0.158
39515	PCBS (MG/KG) FISH TISSUE MG/KG	10/19/76-10/19/76	5	0.076	0.187	0.474	0.02	0.041	0.203	**	**	**	**
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	10/19/76-10/19/76	5	5.	4.	5.	2.	2.	1.414	**	**	**	**
81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	10/19/76-10/19/76	5	2.	1.8	2.	1.	0.2	0.447	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0301

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	87	4	0.05	87	4	0.05									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	86	1	0.01	86	1	0.01									
00403	PH, LAB	Fresh Chronic	9.	87	0	0.00	87	0	0.00									
		Other-Lo Lim.	6.5	87	2	0.02	87	2	0.02									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0302

NPS Station ID: CHCH0302
Location: FRIARS BR AT REID RD BRIDGE
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes: 1021500 007720 00920 6180 0230
RMI-Miles: 0953.80 0046.50 468.20 008.70 002.50
HUC: 06020001
Major Basin: SOUTHEAST
Minor Basin: TENNESSEE RIVER BASIN
RF1 Index: 06020001
RF3 Index: 06020001010400.00
Description:

LAT/LON: 35.061670/ -85.177226
Depth of Water: 0
Elevation: 0
RF1 Mile Point: 0.000
RF3 Mile Point: 1.40

Agency: 1113S000
FIPS State/County: 47065 TENNESSEE/HAMILTON
STORET Station ID(s): 480175 /TN-FB-4
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 16.00
Distance from RF3: 0.10

Date Created: / /
On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: CHCH0302

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/15/68-10/17/68	3	18.5	19.667	22.5	18.	6.083	2.466	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	10/15/68-10/15/68	1	9.4	9.4	9.4	9.4	0.	0.	**	**	**	**
00380	CHLORINE DEMAND, 24 HOUR (MG/L)	10/15/68-10/15/68	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/16/68-10/17/68	2	7.15	7.15	7.2	7.1	0.005	0.071	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/16/68-10/17/68	2	7.147	7.147	7.2	7.1	0.005	0.071	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/16/68-10/17/68	2	0.071	0.071	0.079	0.063	0.	0.012	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/15/68-10/17/68	3	91.	91.	92.	90.	1.	1.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/15/68-10/17/68	3	94.	93.	94.	91.	3.	1.732	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/15/68-10/17/68	3	105.	108.333	115.	105.	33.333	5.774	**	**	**	**
00685	CARBON, TOTAL INORGANIC (MG/L AS C)	10/15/68-10/15/68	1	6.	6.	6.	6.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0302

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	3	1.00	3	3	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0303

NPS Station ID: CHCH0303
LAT/LON: 35.061670/ -85.310559
Agency: 1113S000
Date Created: / /
Location: TENN R ROPER CO. COOLING H2O DIS
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM
STORET Station ID(s): 470308 /RO-1
RMI-Indexes: 1021500 007720 00920
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 463.90
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001006
RF1 Mile Point: 2.560
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 06020001000600.90
RF3 Mile Point: 1.60
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0303

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/06/73-03/08/73	16	21.	21.313	23.	19.	1.563	1.25	19.7	20.25	22.75	23.
00058	FLOW, RATE GALLONS/MIN	03/06/73-03/08/73	3	39.	37.333	44.	29.	58.333	7.638	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	03/06/73-03/08/73	3	102.	83.367	143.	5.1	5014.503	70.813	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	03/06/73-03/08/73	3	158.	116.	165.	25.	6223.	78.886	**	**	**	**
00400	PH (STANDARD UNITS)	03/06/73-03/08/73	16	7.8	7.825	8.6	7.1	0.199	0.446	7.1	7.5	8.275	8.39
00400	CONVERTED PH (STANDARD UNITS)	03/06/73-03/08/73	16	7.789	7.623	8.6	7.1	0.243	0.493	7.1	7.5	8.275	8.39
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/06/73-03/08/73	16	0.016	0.024	0.079	0.003	0.001	0.024	0.004	0.005	0.032	0.079
00403	PH, LAB, STANDARD UNITS SU	03/06/73-03/08/73	3	9.1	8.833	9.3	8.1	0.413	0.643	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/06/73-03/08/73	3	9.1	8.512	9.3	8.1	0.569	0.754	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/06/73-03/08/73	3	0.001	0.003	0.008	0.001	0.	0.004	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	03/07/73-03/08/73	2	403.	403.	414.	392.	242.	15.556	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/07/73-03/08/73	2	113.	113.	124.	102.	242.	15.556	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/07/73-03/08/73	2	305.5	305.5	306.	305.	0.5	0.707	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/07/73-03/08/73	2	97.5	97.5	108.	87.	220.5	14.849	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/07/73-03/08/73	2	71.5	71.5	86.	57.	420.5	20.506	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/06/73-03/08/73	3 ##	0.005	0.02	0.05	0.005	0.001	0.026	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/06/73-03/08/73	3	0.2	0.2	0.25	0.15	0.003	0.05	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/06/73-03/08/73	3	0.84	0.853	0.9	0.82	0.002	0.042	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/06/73-03/08/73	3	2.48	2.16	3.9	0.1	3.687	1.92	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/06/73-03/08/73	3	40.	28.333	43.	2.	522.333	22.855	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/06/73-03/08/73	3 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	03/06/73-03/08/73	3	10.	10.	15.	5.	25.	5.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	03/06/73-03/08/73	3	200.	171.667	250.	65.	9158.333	95.699	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	03/06/73-03/08/73	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	03/06/73-03/08/73	3	100.	91.667	146.	29.	3474.333	58.943	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	03/06/73-03/08/73	3 ##	40.	40.	40.	40.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	03/06/73-03/08/73	3	150.	317.333	760.	42.	149881.333	387.145	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0303

			Total	Exceed	Prop.	6/01-10/31			11/01-2/29			3/01-5/31			n/a		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400 PH	Fresh Chronic	9.	16	0	0.00							16	0	0.00			
	Other-Lo Lim.	6.5	16	0	0.00							16	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0303

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	3	2	0.67							3	2	0.67			
		Other-Lo Lim.	6.5	3	0	0.00							3	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	0	0.00							3	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	3	0	0.00							3	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	3	0	0.00							3	0	0.00			
		Drinking Water	1300.	3	0	0.00							3	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	3	0	0.00							3	0	0.00			
		Drinking Water	15.	0 &	0	0.00												
01067	NICKEL, TOTAL	Fresh Acute	1400.	3	0	0.00							3	0	0.00			
		Drinking Water	100.	3	0	0.00							3	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	3	2	0.67							3	2	0.67			
		Drinking Water	5000.	3	0	0.00							3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0304

NPS Station ID: CHCH0304
LAT/LON: 35.061670/ -85.310559
Agency: 1113S000
Date Created: / /
Location: TENN R ROPER CO. PROCESS WASTE
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM
STORET Station ID(s): 470310 /TR-RO-2
RMI-Indexes: 1021500 007720 00920
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 463.90
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001006
RF1 Mile Point: 2.560
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 06020001000206.82
RF3 Mile Point: 7.20
Distance from RF3: 0.17
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0304

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/06/73-03/08/73	16	22.	21.375	23.	20.	0.917	0.957	20.	20.25	22.	22.3
00058	FLOW, RATE GALLONS/MIN	03/06/73-03/08/73	3	26.	28.333	34.	25.	24.333	4.933	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	03/06/73-03/08/73	3 ##	4.	4.	4.	4.	0.	0.	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	03/06/73-03/08/73	3 ##	25.	50.	100.	25.	1875.	43.301	**	**	**	**
00400	PH (STANDARD UNITS)	03/06/73-03/08/73	16	7.4	7.575	8.7	7.2	0.165	0.406	7.2	7.225	7.875	8.14
00400	CONVERTED PH (STANDARD UNITS)	03/06/73-03/08/73	16	7.4	7.45	8.7	7.2	0.181	0.426	7.2	7.225	7.875	8.14
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/06/73-03/08/73	16	0.04	0.035	0.063	0.002	0.	0.022	0.009	0.013	0.06	0.063
00403	PH, LAB, STANDARD UNITS SU	03/06/73-03/08/73	3	8.1	8.567	9.5	8.1	0.653	0.808	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/06/73-03/08/73	3	8.1	8.268	9.5	8.1	0.788	0.887	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/06/73-03/08/73	3	0.008	0.005	0.008	0.	0.	0.004	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	03/06/73-03/08/73	3	851.	753.	1020.	388.	107059.	327.199	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/06/73-03/08/73	3	60.	56.667	68.	42.	177.333	13.317	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/06/73-03/08/73	3	210.	191.	361.	2.	32491.	180.253	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/06/73-03/08/73	3	490.	562.	1018.	178.	180288.	424.603	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/06/73-03/08/73	3	10.	17.667	41.	2.	424.333	20.599	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/06/73-03/08/73	3	0.05	0.073	0.14	0.03	0.003	0.059	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/06/73-03/08/73	3	0.55	1.04	2.1	0.47	0.844	0.919	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/06/73-03/08/73	3	0.7	0.737	0.86	0.65	0.012	0.11	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/06/73-03/08/73	3	0.65	0.673	1.	0.37	0.1	0.316	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/06/73-03/08/73	3	8.	11.	18.	7.	37.	6.083	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/06/73-03/08/73	3	95.	75.	120.	10.	3325.	57.663	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	03/06/73-03/08/73	3	129.	100.333	158.	14.	5800.333	76.16	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	03/06/73-03/08/73	3	33100.	25806.667	38400.	5920.	303632133.333	17425.043	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	03/06/73-03/08/73	3	2075.	2655.	4540.	1350.	2796325.	1672.222	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	03/06/73-03/08/73	3	10700.	8933.333	14000.	2100.	37743333.333	6143.56	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	03/06/73-03/08/73	3	580.	476.667	650.	200.	58633.333	242.143	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	03/06/73-03/08/73	3	4825.	4828.333	7700.	1960.	8236908.333	2870.001	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0304

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	16	0	0.00							16	0	0.00			
		Other-Lo Lim.	6.5	16	0	0.00							16	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0304

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	3	1	0.33							3	1	0.33			
		Other-Lo Lim.	6.5	3	0	0.00							3	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	0	0.00							3	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	3	1	0.33							3	1	0.33			
01042	COPPER, TOTAL	Fresh Acute	18.	3	2	0.67							3	2	0.67			
		Drinking Water	1300.	3	0	0.00							3	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	3	3	1.00							3	3	1.00			
		Drinking Water	15.	3	3	1.00							3	3	1.00			
01067	NICKEL, TOTAL	Fresh Acute	1400.	3	0	0.00							3	0	0.00			
		Drinking Water	100.	3	3	1.00							3	3	1.00			
01092	ZINC, TOTAL	Fresh Acute	120.	3	3	1.00							3	3	1.00			
		Drinking Water	5000.	3	1	0.33							3	1	0.33			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0305

NPS Station ID: CHCH0305
LAT/LON: 35.061670/ -85.310559
Agency: 1113S000
Date Created: / /
Location: TENN R ROPER CO. PICKLING PROC.
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM
STORET Station ID(s): 470312 /TR-RO-3
RMI-Indexes: 1021500 007720 00920
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 463.90
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001006
RF1 Mile Point: 2.560
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 06020001000206.82
RF3 Mile Point: 7.20
Distance from RF3: 0.17
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0305

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/06/73-03/08/73	17	24.	24.118	27.	22.	2.86	1.691	22.	22.5	26.	26.2
00058	FLOW, RATE GALLONS/MIN	03/06/73-03/08/73	3	65.	64.333	67.	61.	9.333	3.055	**	**	**	**
00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	03/07/73-03/07/73	1	60.	60.	60.	60.	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	03/06/73-03/08/73	4	138.5	134.75	198.	64.	3552.917	59.606	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	03/06/73-03/08/73	4	326.	405.	800.	168.	80782.667	284.223	**	**	**	**
00400	PH (STANDARD UNITS)	03/06/73-03/08/73	17	7.2	7.206	9.1	4.6	1.274	1.129	5.64	6.55	8.	9.1
00400	CONVERTED PH (STANDARD UNITS)	03/06/73-03/08/73	17	7.2	5.783	9.1	4.6	3.425	1.851	5.64	6.55	8.	9.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/06/73-03/08/73	17	0.063	1.648	25.119	0.001	36.674	6.056	0.001	0.01	0.284	6.031
00403	PH, LAB, STANDARD UNITS SU	03/06/73-03/08/73	4	8.2	8.55	10.4	7.4	1.99	1.411	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/06/73-03/08/73	4	7.784	7.74	10.4	7.4	2.864	1.692	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/06/73-03/08/73	4	0.016	0.018	0.04	0.	0.	0.021	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	03/06/73-03/08/73	4	2215.	2005.5	2407.	1185.	307723.667	554.728	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/06/73-03/08/73	4	149.5	177.5	372.	39.	21227.	145.695	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/06/73-03/08/73	4	1168.5	1106.25	1339.	749.	64751.583	254.463	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/06/73-03/08/73	4	1022.	899.25	1117.	436.	98794.25	314.316	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/06/73-03/08/73	4	72.	76.25	105.	56.	594.917	24.391	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/06/73-03/08/73	4	0.085	0.115	0.26	0.03	0.012	0.11	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/06/73-03/08/73	4	0.76	4.51	16.1	0.42	59.74	7.729	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/06/73-03/08/73	4	0.95	0.96	1.02	0.92	0.002	0.049	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/06/73-03/08/73	4	11.9	13.575	23.	7.5	44.909	6.701	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/06/73-03/08/73	4	79.	103.	220.	34.	6828.	82.632	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/06/73-03/08/73	4	42.5	72.	170.	33.	4292.667	65.518	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	03/06/73-03/08/73	4	233.5	256.	445.	112.	27444.667	165.664	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	03/06/73-03/08/73	4	45900.	51625.	90900.	23800.	899942500.	29999.042	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	03/06/73-03/08/73	4	1635.	1612.5	2500.	680.	750758.333	866.463	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	03/06/73-03/08/73	4	7025.	11485.	27800.	4090.	122086566.667	11049.279	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	03/06/73-03/08/73	4	2455.	2807.5	4140.	2180.	849291.667	921.57	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	03/06/73-03/08/73	4	5285.	5692.5	9400.	2800.	8912225.	2985.335	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0305

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	17	2	0.12							17	2	0.12			
		Other-Lo Lim.	6.5	17	4	0.24							17	4	0.24			
00403	PH, LAB	Fresh Chronic	9.	4	1	0.25							4	1	0.25			
		Other-Lo Lim.	6.5	4	0	0.00							4	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	4	0	0.00							4	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	4	1	0.25							4	1	0.25			
01042	COPPER, TOTAL	Fresh Acute	18.	4	4	1.00							4	4	1.00			
		Drinking Water	1300.	4	0	0.00							4	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	4	4	1.00							4	4	1.00			
		Drinking Water	15.	4	4	1.00							4	4	1.00			
01067	NICKEL, TOTAL	Fresh Acute	1400.	4	4	1.00							4	4	1.00			
		Drinking Water	100.	4	4	1.00							4	4	1.00			
01092	ZINC, TOTAL	Fresh Acute	120.	4	4	1.00							4	4	1.00			
		Drinking Water	5000.	4	2	0.50							4	2	0.50			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0306

NPS Station ID: CHCH0306
LAT/LON: 35.061670/ -85.310559
Agency: 1113S000
Date Created: / /
Location: TENN R ROPER CO. PAINT BOOTH DIS
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM
STORET Station ID(s): 470314 /TR-RO-4
RMI-Indexes: 1021500 007720 00920
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 463.90
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001006
RF1 Mile Point: 2.560
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 06020001000206.82
RF3 Mile Point: 7.20
Distance from RF3: 0.17
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0306

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/06/73-03/08/73	16	16.	16.438	21.	14.	3.729	1.931	14.	15.	17.75	19.6
00058	FLOW, RATE GALLONS/MIN	03/06/73-03/08/73	3	16.	13.667	17.	8.	24.333	4.933	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	03/06/73-03/08/73	3 ##	4.	4.	4.	4.	0.	0.	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	03/06/73-03/08/73	3 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	03/06/73-03/08/73	16	8.4	8.294	8.8	6.9	0.185	0.43	7.67	8.125	8.575	8.66
00400	CONVERTED PH (STANDARD UNITS)	03/06/73-03/08/73	16	8.4	7.913	8.8	6.9	0.339	0.582	7.67	8.125	8.575	8.66
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/06/73-03/08/73	16	0.004	0.012	0.126	0.002	0.001	0.03	0.002	0.003	0.008	0.045
00403	PH, LAB, STANDARD UNITS SU	03/06/73-03/08/73	3	9.3	9.333	9.4	9.3	0.003	0.058	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/06/73-03/08/73	3	9.3	9.331	9.4	9.3	0.003	0.058	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/06/73-03/08/73	3	0.001	0.	0.001	0.	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	03/06/73-03/08/73	3	1780.	1786.667	2279.	1301.	239154.333	489.034	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/06/73-03/08/73	3	132.	137.667	164.	117.	576.333	24.007	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/06/73-03/08/73	3	381.	401.333	544.	279.	17866.333	133.665	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/06/73-03/08/73	3	1236.	1385.333	2000.	920.	308325.333	555.271	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/06/73-03/08/73	3	60.	85.333	140.	56.	2245.333	47.385	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/06/73-03/08/73	3	0.16	0.257	0.51	0.1	0.049	0.221	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/06/73-03/08/73	3	1.1	1.633	2.85	0.95	1.116	1.056	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/06/73-03/08/73	3	2.2	2.453	3.64	1.52	1.172	1.082	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/06/73-03/08/73	3	1.24	1.36	1.88	0.96	0.222	0.472	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/06/73-03/08/73	3	5.	6.333	10.	4.	10.333	3.215	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/06/73-03/08/73	3	140.	189.667	329.	100.	14960.333	122.312	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	03/06/73-03/08/73	3	106.	102.	136.	64.	1308.	36.166	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	03/06/73-03/08/73	3	12200.	11666.667	13900.	8900.	6463333.333	2542.309	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	03/06/73-03/08/73	3	6380.	11826.667	27100.	2000.	179752133.333	13407.167	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	03/06/73-03/08/73	3	5280.	5193.333	6500.	3800.	1828133.333	1352.085	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	03/06/73-03/08/73	3	1900.	1810.	2320.	1210.	314100.	560.446	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	03/06/73-03/08/73	3	16440.	23646.667	41000.	13500.	228014533.333	15100.15	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0306

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	16	0	0.00							16	0	0.00			
		Other-Lo Lim.	6.5	16	0	0.00							16	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0306

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	3	3	1.00							3	3	1.00			
		Other-Lo Lim.	6.5	3	0	0.00							3	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	0	0.00							3	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	3	3	1.00							3	3	1.00			
01042	COPPER, TOTAL	Fresh Acute	18.	3	3	1.00							3	3	1.00			
		Drinking Water	1300.	3	0	0.00							3	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	3	3	1.00							3	3	1.00			
		Drinking Water	15.	3	3	1.00							3	3	1.00			
01067	NICKEL, TOTAL	Fresh Acute	1400.	3	2	0.67							3	2	0.67			
		Drinking Water	100.	3	3	1.00							3	3	1.00			
01092	ZINC, TOTAL	Fresh Acute	120.	3	3	1.00							3	3	1.00			
		Drinking Water	5000.	3	3	1.00							3	3	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0307

NPS Station ID: CHCH0307
LAT/LON: 35.062505/ -85.425560
Agency: 11EPALES
Date Created: / /
Location: BILL MCNABB GULF
FIPS State/County: 47000 TENNESSEE/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 4717Q1
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: T/NICKAJACK LAKE
Elevation: 0
Water Body Id:
Minor Basin: XING ON KELLEYS FERRY RD 4
ECO Region:
RF1 Index: 06020001001
RF1 Mile Point: 26.360
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 06020001040700.00
RF3 Mile Point: 0.00
Distance from RF3: 0.03
On/Off RF3:
Description:
AT CROSSING ON KELLEYS FERRY RD

Parameter Inventory for Station: CHCH0307

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/14/73-03/26/74	8	0.04	0.051	0.165	0.015	0.002	0.049	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/14/73-03/26/74	8 ##	0.001	0.001	0.002	0.001	0.	0.001	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/14/73-03/26/74	8	0.018	0.026	0.072	0.004	0.001	0.024	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/19/73-03/26/74	7	0.2	0.364	1.	0.05	0.143	0.378	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/14/73-03/26/74	8	0.02	0.027	0.07	0.004	0.001	0.023	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/14/73-03/26/74	8 ##	0.004	0.005	0.01	0.003	0.	0.003	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/14/73-03/26/74	7 ##	0.003	0.003	0.005	0.003	0.	0.001	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0307

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	8	0	0.00	1	0	0.00	4	0	0.00	3	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	8	0	0.00	1	0	0.00	4	0	0.00	3	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	8	0	0.00	1	0	0.00	4	0	0.00	3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0308

NPS Station ID: CHCH0308
LAT/LON: 35.063059/ -85.280281
Agency: 131TVAC
Date Created: / /
Location: NICKAJACK RESERVOIR
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475344 /0999
RMI-Indexes: 1021500 007720 00920
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 465.90
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER 465.9
ECO Region:
RF1 Index: 06020001006
RF1 Mile Point: 5.440
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 06020001000206.82
RF3 Mile Point: 6.96
Distance from RF3: 0.05
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0308

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/07/67-09/07/67	6	1.	0.667	1.	0.	0.267	0.516	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/07/67-09/07/67	2	22.	22.	22.	22.	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/07/67-09/07/67	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/07/67-09/07/67	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	09/07/67-09/07/67	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/07/67-09/07/67	1	190.	190.	190.	190.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/07/67-09/07/67	2	6.6	6.6	7.1	6.1	0.5	0.707	**	**	**	**
00304	BOD, 2 DAY, 20 DEG C MG/L	09/07/67-09/07/67	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/07/67-09/07/67	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	09/07/67-09/07/67	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/07/67-09/07/67	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/07/67-09/07/67	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/07/67-09/07/67	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/07/67-09/07/67	1	50.	50.	50.	50.	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	09/07/67-09/07/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	09/07/67-09/07/67	1	80.	80.	80.	80.	0.	0.	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/07/67-09/07/67	1	70.	70.	70.	70.	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/07/67-09/07/67	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/07/67-09/07/67	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/07/67-09/07/67	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/07/67-09/07/67	1	0.31	0.31	0.31	0.31	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/07/67-09/07/67	1	0.059	0.059	0.059	0.059	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/07/67-09/07/67	1	0.026	0.026	0.026	0.026	0.	0.	**	**	**	**
00722	CYANIDE, FREE (AMENABLE TO CHLORINATION) MG/L	09/07/67-09/07/67	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	09/07/67-09/07/67	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	09/07/67-09/07/67	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	09/07/67-09/07/67	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	09/07/67-09/07/67	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/07/67-09/07/67	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/07/67-09/07/67	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	09/07/67-09/07/67	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	09/07/67-09/07/67	1	5.6	5.6	5.6	5.6	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/07/67-09/07/67	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/07/67-09/07/67	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/07/67-09/07/67	1	360.	360.	360.	360.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/07/67-09/07/67	1	50.	50.	50.	50.	0.	0.	**	**	**	**
01047	IRON, FERROUS (UG/L AS FE)	09/07/67-09/07/67	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	09/07/67-09/07/67	1	80.	80.	80.	80.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0308

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/07/67-09/07/67	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/07/67-09/07/67	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01501	ALPHA, TOTAL	09/07/67-09/07/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01502	ALPHA, TOTAL, COUNTING ERROR	09/07/67-09/07/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01503	ALPHA, DISSOLVED	09/07/67-09/07/67	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01504	ALPHA, DISSOLVED, COUNTING ERROR	09/07/67-09/07/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01505	ALPHA, SUSPENDED	09/07/67-09/07/67	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01506	ALPHA, SUSPENDED, COUNTING ERROR	09/07/67-09/07/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
03501	BETA, TOTAL	09/07/67-09/07/67	1	3.	3.	3.	3.	0.	0.	**	**	**	**
03502	BETA, TOTAL, COUNTING ERROR	09/07/67-09/07/67	1	1.	1.	1.	1.	0.	0.	**	**	**	**
03503	BETA, DISSOLVED	09/07/67-09/07/67	1	3.	3.	3.	3.	0.	0.	**	**	**	**
03504	BETA, DISSOLVED, COUNTING ERROR	09/07/67-09/07/67	1	1.	1.	1.	1.	0.	0.	**	**	**	**
03505	BETA, SUSPENDED	09/07/67-09/07/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
03506	BETA, SUSPENDED, COUNTING ERROR	09/07/67-09/07/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/07/67-09/07/67	3	620.	434.	620.	62.	103788.	322.161	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/07/67-09/07/67	3	2.792	2.459	2.792	1.792	0.333	0.577	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			287.779								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/07/67-09/07/67	3	17.	39.	94.	6.	2299.	47.948	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/07/67-09/07/67	3	1.23	1.327	1.973	0.778	0.364	0.603	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			21.244								
46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	09/07/67-09/07/67	1	58.	58.	58.	58.	0.	0.	**	**	**	**
70001	COMPOSITE LOCATION IN A CROSS SECTION	09/07/67-09/07/67	2	1072.	1072.	1122.	1022.	5000.	70.711	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0308

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	2	0	0.00									
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00722	CYANIDE, FREE (AMENABLE TO CHLORINATION)	Fresh Acute	0.022	1	0	0.00	1	0	0.00									
		Drinking Water	0.2	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	3	0	0.00	3	0	0.00									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	3	0	0.00	3	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0309

NPS Station ID: CHCH0309
LAT/LON: 35.063337/ -85.278338
Agency: 1113S090
Date Created: / /
Location: TENN RIVER QUAKER OATS S BK
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM
STORET Station ID(s): 470080 /QO-01
RMI-Indexes: 1021500 007720 00920
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 466.00
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001006
RF1 Mile Point: 5.440
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 06020001001800.00
RF3 Mile Point: 0.00
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0309

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

***** Data for this station locked by controlling agency *****

Station Inventory for Station: CHCH0310

NPS Station ID: CHCH0310
LAT/LON: 35.063615/ -85.338892
Agency: 131TVAC
Date Created: / /
Location: NICKAJACK RESERVOIR
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475339 /0972
RMI-Indexes: 1021500 007720 00920
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 457.10
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER 457.1
ECO Region:
RF1 Index: 06020001002
RF1 Mile Point: 5.390
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 06020001000104.44
RF3 Mile Point: 24.00
Distance from RF3: 0.05
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0310

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/07/67-12/05/73	58	10.	11.845	35.	0.	121.081	11.004	1.	1.	20.	30.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/07/67-12/05/73	55	19.1	17.684	26.	7.2	43.024	6.559	7.3	13.7	24.1	25.3
00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/07/67-12/05/73	25	10.	11.56	30.	6.	39.257	6.266	7.	7.	12.5	25.
00080	COLOR (PLATINUM-COBALT UNITS)	09/07/67-12/05/73	25	10.	11.6	30.	5.	45.25	6.727	5.	10.	10.	24.
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	01/23/73-12/05/73	24	30.	35.208	100.	20.	474.955	21.793	20.	21.25	38.75	75.
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	09/07/67-12/05/73	25 ##	0.5	0.58	1.	0.5	0.035	0.187	0.5	0.5	0.5	1.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/07/67-12/05/73	25	160.	160.8	200.	130.	449.333	21.197	140.	140.	180.	200.
00300	OXYGEN, DISSOLVED MG/L	01/23/73-12/05/73	52	7.55	7.867	11.5	5.6	3.878	1.969	5.73	6.	8.875	11.37
00310	BOD, 5 DAY, 20 DEG C MG/L	09/07/67-12/05/73	25	1.	0.972	1.9	0.5	0.221	0.47	0.5	0.5	1.3	1.78
00335	COD, .025N K2CR2O7 MG/L	09/07/67-12/05/73	25	6.	7.04	15.	3.	8.207	2.865	3.6	5.5	9.5	10.8
00400	PH (STANDARD UNITS)	09/07/67-12/05/73	24	7.25	7.188	7.6	6.3	0.121	0.348	6.6	7.025	7.475	7.55
00400	CONVERTED PH (STANDARD UNITS)	09/07/67-12/05/73	24	7.247	7.008	7.6	6.3	0.155	0.393	6.6	7.025	7.475	7.55
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/07/67-12/05/73	24	0.057	0.098	0.501	0.025	0.016	0.128	0.028	0.034	0.095	0.314
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/07/67-12/05/73	24	50.	50.958	65.	37.	43.52	6.597	41.	47.25	55.	60.5
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	09/07/67-12/05/73	24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00500	RESIDUE, TOTAL (MG/L)	09/07/67-09/07/67	1	110.	110.	110.	110.	0.	0.	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/07/67-10/24/73	21	100.	99.524	130.	70.	174.762	13.22	90.	90.	105.	120.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/23/73-12/05/73	24	11.5	12.292	23.	6.	18.389	4.288	8.	8.25	15.75	18.5
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/07/67-12/05/73	25	0.14	0.162	0.61	0.015	0.019	0.137	0.015	0.06	0.205	0.38
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/07/67-12/05/73	25	0.07	0.091	0.33	0.04	0.004	0.062	0.04	0.06	0.105	0.158
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/07/67-09/07/67	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/07/67-09/07/67	1	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/23/73-12/05/73	24	0.385	0.425	0.57	0.31	0.008	0.091	0.33	0.34	0.51	0.56
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/07/67-12/05/73	25	0.049	0.056	0.098	0.029	0.	0.02	0.031	0.043	0.07	0.092
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/07/67-12/05/73	25	0.029	0.031	0.078	0.005	0.	0.019	0.01	0.013	0.046	0.058
00722	CYANIDE, FREE (AMENABLE TO CHLORINATION) MG/L	01/23/73-12/05/73	24 ##	0.005	0.006	0.02	0.005	0.	0.003	0.005	0.005	0.005	0.005
00916	CALCIUM, TOTAL (MG/L AS CA)	09/07/67-12/05/73	25	19.	19.72	24.	15.	4.46	2.112	17.6	18.	21.	23.
00927	MAGNESIUM, TOTAL (MG/L AS MG)	09/07/67-12/05/73	25	4.2	4.504	5.5	4.	0.245	0.495	4.06	4.1	4.8	5.4
00929	SODIUM, TOTAL (MG/L AS NA)	09/07/67-12/05/73	25	5.3	6.02	9.6	4.	2.577	1.605	4.26	4.9	7.4	8.68
00937	POTASSIUM, TOTAL MG/L AS K)	09/07/67-12/05/73	25	2.	1.892	2.2	1.3	0.056	0.236	1.5	1.8	2.05	2.1
00940	CHLORIDE,TOTAL IN WATER MG/L	09/07/67-12/05/73	25	6.	7.44	17.	5.	6.34	2.518	5.6	6.	8.5	10.
00945	SULFATE, TOTAL (MG/L AS SO4)	09/07/67-12/05/73	25	12.	13.08	20.	10.	8.243	2.871	10.	11.	15.	18.8
00951	FLUORIDE, TOTAL (MG/L AS F)	09/07/67-12/05/73	25	0.07	0.074	0.1	0.05	0.	0.014	0.056	0.07	0.08	0.1
00956	SILICA, TOTAL (MG/L AS SI02)	09/07/67-12/05/73	25	5.1	5.08	6.2	4.1	0.349	0.591	4.16	4.75	5.6	5.96
01002	ARSENIC, TOTAL (UG/L AS AS)	01/23/73-12/05/73	24 ##	2.5	3.125	15.	2.5	6.658	2.58	2.5	2.5	2.5	3.75
01007	BARIUM, TOTAL (UG/L AS BA)	01/23/73-12/05/73	24 ##	50.	60.417	300.	50.	2604.167	51.031	50.	50.	50.	50.
01012	BERYLLIUM, TOTAL (UG/L AS BE)	01/23/73-12/05/73	24 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01027	CADMIUM, TOTAL (UG/L AS CD)	01/23/73-12/05/73	24 ##	0.5	0.542	1.	0.5	0.02	0.141	0.5	0.5	0.5	0.75

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0310

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/07/67-12/05/73	25 ##	2.5	3.4	25.	2.5	20.25	4.5	2.5	2.5	2.5	2.5
01042	COPPER, TOTAL (UG/L AS CU)	09/07/67-12/05/73	25 ##	5.	10.8	40.	5.	99.333	9.967	5.	5.	15.	30.
01045	IRON, TOTAL (UG/L AS FE)	09/07/67-12/05/73	25	600.	675.2	1600.	250.	117217.667	342.371	324.	415.	855.	1182.
01046	IRON, DISSOLVED (UG/L AS FE)	09/07/67-12/05/73	25	70.	71.8	160.	25.	1976.833	44.462	25.	25.	120.	130.
01047	IRON, FERROUS (UG/L AS FE)	09/07/67-12/05/73	25	100.	98.2	160.	20.	1701.833	41.253	34.	65.	135.	154.
01051	LEAD, TOTAL (UG/L AS PB)	01/23/73-12/05/73	24 ##	5.	5.417	10.	5.	1.993	1.412	5.	5.	5.	7.5
01055	MANGANESE, TOTAL (UG/L AS MN)	09/07/67-12/05/73	25	70.	74.8	110.	50.	242.667	15.578	56.	65.	90.	100.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/07/67-12/05/73	25	20.	20.8	40.	5.	174.333	13.204	5.	5.	30.	40.
01067	NICKEL, TOTAL (UG/L AS NI)	01/23/73-12/05/73	24 ##	25.	26.042	50.	25.	26.042	5.103	25.	25.	25.	25.
01077	SILVER, TOTAL (UG/L AS AG)	01/23/73-12/05/73	24 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01092	ZINC, TOTAL (UG/L AS ZN)	09/07/67-12/05/73	25	30.	31.	60.	5.	229.167	15.138	10.	20.	45.	50.
01105	ALUMINUM, TOTAL (UG/L AS AL)	01/23/73-12/05/73	24	800.	1012.5	3100.	300.	488097.826	698.64	400.	525.	1200.	2200.
01147	SELENIUM, TOTAL (UG/L AS SE)	01/23/73-12/05/73	24 ##	0.5	1.292	5.	0.5	1.803	1.343	0.5	0.5	2.	4.
01501	ALPHA, TOTAL	09/07/67-09/07/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01502	ALPHA, TOTAL, COUNTING ERROR	09/07/67-09/07/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01503	ALPHA, DISSOLVED	09/07/67-09/07/67	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01504	ALPHA, DISSOLVED, COUNTING ERROR	09/07/67-09/07/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01505	ALPHA, SUSPENDED	09/07/67-09/07/67	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01506	ALPHA, SUSPENDED, COUNTING ERROR	09/07/67-09/07/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
03501	BETA, TOTAL	09/07/67-09/07/67	1	2.	2.	2.	2.	0.	0.	**	**	**	**
03502	BETA, TOTAL, COUNTING ERROR	09/07/67-09/07/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
03503	BETA, DISSOLVED	09/07/67-09/07/67	1	2.	2.	2.	2.	0.	0.	**	**	**	**
03504	BETA, DISSOLVED, COUNTING ERROR	09/07/67-09/07/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
03505	BETA, SUSPENDED	09/07/67-09/07/67	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
03506	BETA, SUSPENDED, COUNTING ERROR	09/07/67-09/07/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/23/73-12/05/73	14	640.	1137.857	3500.	10.	1247879.67	1117.085	50.	250.	1775.	3125.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/23/73-12/05/73	14	2.797	2.745	3.544	1.	0.469	0.685	1.477	2.398	3.236	3.492
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			556.04								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/07/67-09/07/67	3	140000.	94533.333	140000.	3600.	6201653333.333	78750.577	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/07/67-09/07/67	3	5.146	4.616	5.146	3.556	0.843	0.918	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			41322.462								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/07/67-09/07/67	3	6200.	7520.	16000.	360.	62459200.	7903.113	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/07/67-09/07/67	3	3.792	3.518	4.204	2.556	0.735	0.858	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3293.099								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/23/73-12/05/73	14	25.	52.5	190.	5.	3664.423	60.534	5.	5.	97.5	165.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/23/73-12/05/73	14	1.389	1.37	2.279	0.699	0.381	0.617	0.699	0.699	1.985	2.212
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			23.436								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/23/73-10/24/73	15	3.	9.967	75.	0.5	354.017	18.815	0.5	0.5	10.	41.4
46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	09/07/67-12/05/73	25	65.	67.68	81.	56.	47.977	6.927	60.6	62.5	73.	80.
70001	COMPOSITE LOCATION IN A CROSS SECTION	09/07/67-09/07/67	2	1072.	1072.	1122.	1022.	5000.	70.711	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/07/73-12/05/73	4	70.	72.5	110.	40.	1425.	37.749	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	01/23/73-12/05/73	24 ##	0.1	0.183	1.1	0.1	0.047	0.216	0.1	0.1	0.175	0.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0310

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	25	0	0.00	12	0	0.00	9	0	0.00	4	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	52	0	0.00	23	0	0.00	19	0	0.00	10	0	0.00			
00400	PH	Fresh Chronic	9.	24	0	0.00	12	0	0.00	8	0	0.00	4	0	0.00			
		Other-Lo Lim.	6.5	24	2	0.08	12	2	0.17	8	0	0.00	4	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	24	0	0.00	11	0	0.00	9	0	0.00	4	0	0.00			
00722	CYANIDE, FREE (AMENABLE TO CHLORINATION)	Fresh Acute	0.022	24	0	0.00	11	0	0.00	9	0	0.00	4	0	0.00			
		Drinking Water	0.2	24	0	0.00	11	0	0.00	9	0	0.00	4	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	25	0	0.00	12	0	0.00	9	0	0.00	4	0	0.00			
		Drinking Water	250.	25	0	0.00	12	0	0.00	9	0	0.00	4	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0310

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	25	0	0.00	12	0	0.00	9	0	0.00	4	0	0.00			
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	25	0	0.00	12	0	0.00	9	0	0.00	4	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	24	0	0.00	11	0	0.00	9	0	0.00	4	0	0.00			
		Drinking Water	50.	24	0	0.00	11	0	0.00	9	0	0.00	4	0	0.00			
01007	BARIUM, TOTAL	Drinking Water	2000.	24	0	0.00	11	0	0.00	9	0	0.00	4	0	0.00			
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	24	0	0.00	11	0	0.00	9	0	0.00	4	0	0.00			
		Drinking Water	4.	0 &	0	0.00												
01027	CADMIUM, TOTAL	Fresh Acute	3.9	24	0	0.00	11	0	0.00	9	0	0.00	4	0	0.00			
		Drinking Water	5.	24	0	0.00	11	0	0.00	9	0	0.00	4	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	25	0	0.00	12	0	0.00	9	0	0.00	4	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	25	6	0.24	12	3	0.25	9	0	0.00	4	3	0.75			
		Drinking Water	1300.	25	0	0.00	12	0	0.00	9	0	0.00	4	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	24	0	0.00	11	0	0.00	9	0	0.00	4	0	0.00			
		Drinking Water	15.	24	0	0.00	11	0	0.00	9	0	0.00	4	0	0.00			
01067	NICKEL, TOTAL	Fresh Acute	1400.	24	0	0.00	11	0	0.00	9	0	0.00	4	0	0.00			
		Drinking Water	100.	24	0	0.00	11	0	0.00	9	0	0.00	4	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	100.	24	0	0.00	11	0	0.00	9	0	0.00	4	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	25	0	0.00	12	0	0.00	9	0	0.00	4	0	0.00			
		Drinking Water	5000.	25	0	0.00	12	0	0.00	9	0	0.00	4	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	24	0	0.00	11	0	0.00	9	0	0.00	4	0	0.00			
		Drinking Water	50.	24	0	0.00	11	0	0.00	9	0	0.00	4	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	14	6	0.43	7	2	0.29	5	3	0.60	2	1	0.50			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	3	3	1.00	3	3	1.00									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	3	3	1.00	3	3	1.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	14	0	0.00	7	0	0.00	5	0	0.00	2	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	24	0	0.00	11	0	0.00	9	0	0.00	4	0	0.00			
		Drinking Water	2.	24	0	0.00	11	0	0.00	9	0	0.00	4	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0311

NPS Station ID: CHCH0311
LAT/LON: 35.063892/ -85.263059
Agency: 1113S000
Date Created: / /
Location: TANNERY BRANCH NR SOUTHERN RR YD
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 470102 /TNS-TAN
RMI-Indexes: 1021500 007720 00920 6164 1920
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 465.30 001.90 000.35
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 06020001000700.00
RF3 Mile Point: 0.14
Distance from RF3: 0.04
On/Off RF3:
Description:
TANNERY BRANCH---AT MILE 0.35 IMMEDIATELY UPSTREAM FROM CULVERT UNDER SOUTHERN RAILWAY YARDS. TANNERY BRANCH IS TRIBUTARY TO CITICO CREEK AT MILE 1.9. STUDY CONDUCTED BY CREW FROM SOUTHEAST WATER LABORATORY IN JUNE 1972.
CHARLES SWEATT-PROJECT ENGINEER; TOM BENNETT-CHEMIST.

Parameter Inventory for Station: CHCH0311

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00310	BOD, 5 DAY, 20 DEG C MG/L	06/23/72-06/24/72	2	6.75	6.75	9.	4.5	10.125	3.182	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/23/72-06/24/72	2	7.35	7.35	7.5	7.2	0.045	0.212	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/23/72-06/24/72	2	7.325	7.325	7.5	7.2	0.046	0.215	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/23/72-06/24/72	2	0.047	0.047	0.063	0.032	0.	0.022	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	06/23/72-06/24/72	2	259.	259.	338.	180.	12482.	111.723	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	06/23/72-06/24/72	2	238.5	238.5	323.	154.	14280.5	119.501	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/23/72-06/24/72	2	20.5	20.5	26.	15.	60.5	7.778	**	**	**	**
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	06/23/72-06/24/72	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/23/72-06/24/72	2	0.08	0.08	0.09	0.07	0.	0.014	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/23/72-06/24/72	2	0.545	0.545	0.83	0.26	0.162	0.403	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/23/72-06/24/72	2	0.425	0.425	0.6	0.25	0.061	0.247	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/23/72-06/24/72	2	0.07	0.07	0.11	0.03	0.003	0.057	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/23/72-06/24/72	2	6.5	6.5	9.	4.	12.5	3.536	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	06/23/72-06/24/72	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	06/23/72-06/24/72	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	06/23/72-06/24/72	2	787.5	787.5	1050.	525.	137812.5	371.231	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	06/23/72-06/24/72	2 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	06/23/72-06/24/72	2	227.5	227.5	350.	105.	30012.5	173.241	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	06/23/72-06/24/72	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	06/23/72-06/23/72	1 ##	500.	500.	500.	500.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/23/72-06/24/72	2	12000.	12000.	13000.	11000.	2000000.	1414.214	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/23/72-06/24/72	2	4.078	4.078	4.114	4.041	0.003	0.051	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			11958.261								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/23/72-06/24/72	2	2050.	2050.	3300.	800.	3125000.	1767.767	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/23/72-06/24/72	2	3.211	3.211	3.519	2.903	0.189	0.435	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1624.808								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/23/72-06/24/72	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	06/23/72-06/23/72	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0311

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00	2	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	2	0	0.00	2	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	0 &	0	0.00												
		Drinking Water	1300.	2	0	0.00	2	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	2	0	0.00	2	0	0.00									
		Drinking Water	15.	0 &	0	0.00												
01092	ZINC, TOTAL	Fresh Acute	120.	2	0	0.00	2	0	0.00									
		Drinking Water	5000.	2	0	0.00	2	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2	2	1.00	2	2	1.00									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	2	2	1.00	2	2	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0312

NPS Station ID: CHCH0312 LAT/LON: 35.063892/ -85.269448 Agency: 1113S000 Date Created: / /
Location: CITICO CREEK TRIBUTARY FROM SOUTHERN RAILROAD FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM STORET Station ID(s): 470006 /TR-CC-3
RMI-Indexes: 1021500 007720 00920 6164 Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 465.30 001.90
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN ECO Region:
RF1 Index: 06020001006 RF1 Mile Point: 5.550 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 06020001124000.60 RF3 Mile Point: 1.12 Distance from RF3: 0.09 On/Off RF3:
Description:
SOUTHERN RAILWAY SYSTEM---AT STORM DRAIN FROM CITICO YARDS DIS- CHARGING TO CITICO CREEK AT MILE 1.9. SAMPLES WERE COLLECTED FROM THE STORM DRAIN DISCHARGE. STUDY CONDUCTED BY CREW FROM SOUTHEAST WATER LABORATORY IN JUNE 1972. CHARLES SWEATT-PROJECT ENGINEER; TOM BENNETT-CHEMIST.

Parameter Inventory for Station: CHCH0312

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/21/72-06/24/72	4	20.	19.75	21.	18.	1.583	1.258	**	**	**	**
00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	06/23/72-06/24/72	2	93.	93.	120.	66.	1458.	38.184	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	06/21/72-06/24/72	4 ##	10.	9.25	13.	4.	14.25	3.775	**	**	**	**
00400	PH (STANDARD UNITS)	06/21/72-06/24/72	4	7.3	7.15	7.8	6.2	0.623	0.79	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/21/72-06/24/72	4	7.06	6.688	7.8	6.2	0.908	0.953	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/21/72-06/24/72	4	0.087	0.205	0.631	0.016	0.085	0.292	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/20/72-06/24/72	5	7.5	7.64	8.2	7.1	0.203	0.451	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/20/72-06/24/72	5	7.5	7.476	8.2	7.1	0.237	0.487	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/20/72-06/24/72	5	0.032	0.033	0.079	0.006	0.001	0.029	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	06/21/72-06/24/72	4	799.	799.5	820.	780.	363.	19.053	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	06/21/72-06/24/72	4	790.	790.25	804.	777.	234.25	15.305	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/21/72-06/24/72	4	8.5	9.25	17.	3.	34.917	5.909	**	**	**	**
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	06/20/72-06/24/72	4	21.5	21.75	32.	12.	86.917	9.323	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/20/72-06/24/72	5	1.04	0.952	1.44	0.34	0.266	0.515	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/20/72-06/24/72	5	2.27	2.094	2.63	1.35	0.266	0.516	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/20/72-06/24/72	5	17.8	16.86	19.8	12.4	7.758	2.785	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/20/72-06/24/72	5	0.61	0.608	0.73	0.48	0.011	0.105	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/20/72-06/24/72	5	16.	16.4	19.	14.	4.3	2.074	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	06/20/72-06/24/72	5 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	06/20/72-06/24/72	5 ##	25.	30.	50.	25.	125.	11.18	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	06/20/72-06/24/72	5	550.	640.	1175.	350.	110812.5	332.885	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	06/20/72-06/24/72	5 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	06/20/72-06/24/72	5	230.	262.	475.	115.	23195.	152.299	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	06/20/72-06/24/72	5	140.	127.	185.	70.	1920.	43.818	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/21/72-06/23/72	3	17000.	53666.667	130000.	14000.	4372333333.333	66123.622	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/21/72-06/23/72	3	4.23	4.497	5.114	4.146	0.287	0.536	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			31393.526								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/21/72-06/23/72	3	4000.	29000.	79000.	4000.	1875000000.	43301.27	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/21/72-06/23/72	3	3.602	4.034	4.898	3.602	0.559	0.748	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10812.24								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/20/72-06/22/72	3	12.	20.5	47.	2.5	549.25	23.436	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0312

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	4	0	0.00	4	0	0.00									
		Other-Lo Lim.	6.5	4	1	0.25	4	1	0.25									
00403	PH, LAB	Fresh Chronic	9.	5	0	0.00	5	0	0.00									
		Other-Lo Lim.	6.5	5	0	0.00	5	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	5	5	1.00	5	5	1.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	5	0	0.00	5	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	1 &	1	1.00	1	1	1.00									
		Drinking Water	1300.	5	0	0.00	5	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	5	0	0.00	5	0	0.00									
		Drinking Water	15.	0 &	0	0.00												
01092	ZINC, TOTAL	Fresh Acute	120.	5	3	0.60	5	3	0.60									
		Drinking Water	5000.	5	0	0.00	5	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	3	3	1.00	3	3	1.00									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	3	3	1.00	3	3	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0313

NPS Station ID: CHCH0313
LAT/LON: 35.065003/ -85.338892
Agency: 131TVAC
Date Created: / /
Location: NICKAJACK RESERVOIR
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/FISH/STREAM/SOLIDS
STORET Station ID(s): 475821 /0969
RMI-Indexes: 1021500 007720 00920
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 457.00
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER 457.0
ECO Region:
RF1 Index: 06020001002
RF1 Mile Point: 5.390
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 06020001006700.00
RF3 Mile Point: 0.05
Distance from RF3: 0.04
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0313

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/06/70-09/08/70	4	14.5	15.	30.	1.	262.	16.186	**	**	**	**
00019	SAMPLE WEIGHT IN GRAMS	10/24/86-11/09/94	96	2034.5	2637.219	8943.	308.	4346005.541	2084.708	649.9	970.5	4117.5	5795.4
00039	SAMPLE LENGTH IN MILLIMETERS	10/24/86-11/09/94	96	565.	567.344	799.	332.	13639.807	116.79	417.8	470.	654.	740.
01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	10/24/86-12/09/90	3	0.16	0.153	0.16	0.14	0.	0.012	**	**	**	**
01069	NICKEL, TOTAL IN FISH OR ANIMALS-WET WEIGHT MG/KG	10/24/86-12/09/90	3 ##	0.5	0.433	0.5	0.3	0.013	0.115	**	**	**	**
01073	THALLIUM,TISSUE,WET WEIGHT,MG/KG	10/24/86-12/09/90	3 ##	0.5	0.433	0.5	0.3	0.013	0.115	**	**	**	**
01099	ANTIMONY,TISSUE,WET WEIGHT,MG/KG	10/24/86-12/09/90	3 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01149	SELENIUM, TOTAL IN FISH OR ANIMALS WET WGT MG/KG	10/24/86-12/09/90	3	0.18	0.167	0.19	0.13	0.001	0.032	**	**	**	**
34252	BERYLLIUM WET WGTTISMG/KG	10/24/86-12/09/90	3 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34258	B-BHC-BETA WET WGTTISMG/KG	10/24/86-11/20/91	37 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
34263	DELTA BENZENE HEXACHLORIDE WET WGTTISMG/KG	10/24/86-11/20/91	37 ##	0.005	0.005	0.01	0.005	0.	0.001	0.005	0.005	0.005	0.005
34355	ENDOSULFAN SULFATE WET WGTTISMG/KG	10/24/86-11/20/91	37 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
34360	ENDOSULFAN, BETA WET WGTTISMG/KG	10/24/86-11/20/91	37 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
34365	ENDOSULFAN, ALPHA WET WGTTISMG/KG	10/24/86-11/20/91	37 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
34370	ENDRIN ALDEHYDE WET WGTTISMG/KG	10/24/86-10/24/86	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34474	SILVER WET WGTTISMG/KG	10/24/86-10/24/86	2 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34664	PCB - 1221 WET WGTTISMG/KG	10/24/86-02/15/95	71 ##	0.05	0.05	0.1	0.005	0.	0.008	0.05	0.05	0.05	0.05
34667	PCB - 1232 WET WGTTISMG/KG	10/24/86-02/15/95	71 ##	0.05	0.051	0.1	0.05	0.	0.006	0.05	0.05	0.05	0.05
34669	PCB - 1248 WET WGTTISMG/KG	10/24/86-02/15/95	71 ##	0.05	0.043	0.1	0.025	0.	0.014	0.025	0.025	0.05	0.05
34670	PCB - 1260 WET WGTTISMG/KG	10/24/86-02/15/95	68	0.2	0.283	2.	0.05	0.082	0.286	0.098	0.2	0.3	0.51
34674	PCB - 1016 WET WGTTISMG/KG	10/24/86-02/15/95	71 ##	0.05	0.043	0.1	0.025	0.	0.014	0.025	0.025	0.05	0.05
34680	ALDRIN IN FISH TISSUE WET WEIGHT MG/KG	10/24/86-11/20/91	37 ##	0.005	0.01	0.08	0.005	0.	0.013	0.005	0.005	0.008	0.02
34685	ENDRIN WET WGTTISMG/KG	10/24/86-11/20/91	37 ##	0.005	0.012	0.05	0.005	0.	0.013	0.005	0.005	0.008	0.032
34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	10/24/86-11/20/91	51 ##	0.005	0.006	0.02	0.005	0.	0.003	0.005	0.005	0.005	0.005
34687	HEPTACHLOR WET WGTTISMG/KG	10/24/86-11/20/91	51 ##	0.005	0.005	0.01	0.005	0.	0.001	0.005	0.005	0.005	0.005
34689	PCB - 1242 WET WGTTISMG/KG	10/24/86-02/15/95	71 ##	0.05	0.051	0.1	0.05	0.	0.008	0.05	0.05	0.05	0.05
34690	PCB - 1254 WET WGTTISMG/KG	10/24/86-02/15/95	71	0.5	0.563	1.7	0.05	0.153	0.391	0.1	0.3	0.8	1.1
34691	TOXAPHENE WET WGTTISMG/KG	10/24/86-11/20/91	37 ##	0.25	0.25	0.25	0.25	0.	0.	0.25	0.25	0.25	0.25
39063	CHLORDANE-CIS ISOMER,TISSUE WET WGT (UG/G)	10/24/86-11/20/91	42	0.01	0.029	0.12	0.005	0.001	0.034	0.005	0.005	0.05	0.09
39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	10/24/86-02/15/95	71 ##	0.005	0.018	0.11	0.005	0.001	0.023	0.005	0.005	0.03	0.05
39069	CHLORDANE-NONACHLOR,CIS ISO,TISSUE WET WGT(UG/G)	10/24/86-01/11/89	5	0.04	0.046	0.06	0.04	0.	0.009	**	**	**	**
39072	CHLORDANE-NONACHLOR,TRANS ISO,TISSUE,WET WT,UG/G	10/24/86-01/11/89	5	0.06	0.042	0.08	0.005	0.001	0.035	**	**	**	**
39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	10/24/86-12/09/90	14 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
39302	P P DDT IN TISSUE WET WGT (UG/G)	10/24/86-02/15/95	39 ##	0.005	0.021	0.11	0.005	0.001	0.031	0.005	0.005	0.01	0.08
39307	O P DDT IN TISSUE WET WGT (UG/G)	11/09/94-02/15/95	2	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39312	P P DDD IN TISSUE WET WGT (UG/G)	10/24/86-02/15/95	39 ##	0.005	0.011	0.2	0.005	0.001	0.032	0.005	0.005	0.005	0.01
39322	P,P'-DDE IN TISSUE WET WGT MG/KG	10/24/86-02/15/95	39	0.04	0.088	0.6	0.005	0.013	0.114	0.005	0.005	0.12	0.2
39325	O,P DDD IN TISSUE WET WGT (UG/G)	11/09/94-02/15/95	2	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0313

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39329	O,P DDE IN TISSUE, WET WGT(UG/G)	11/09/94-02/15/95	2	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39404	DIELDRIN IN TISSUE WET WGT (UG/G)	10/24/86-11/20/91	37 ##	0.005	0.024	0.2	0.005	0.002	0.041	0.005	0.005	0.035	0.09
39515	PCBS (MG/KG) FISH TISSUE MG/KG	10/24/86-12/09/90	27	0.9	1.033	2.	0.4	0.168	0.41	0.6	0.7	1.3	1.7
39704	HEXACHLOROBUTADIENE IN FISH OR ANIMAL WET WGT UG/K	11/08/91-11/20/91	23 ##	0.005	0.008	0.04	0.005	0.	0.009	0.005	0.005	0.005	0.022
39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	10/24/86-11/20/91	37 ##	0.005	0.01	0.1	0.005	0.	0.018	0.005	0.005	0.005	0.012
45579	PERCENT LIPID EXTRACTABLE MATERIAL	10/24/86-02/15/95	71	11.	11.339	27.	0.05	34.382	5.864	4.	6.	15.	19.8
71900	MERCURY, TOTAL (UG/L AS HG)	08/06/70-09/08/70	3 ##	0.25	1.033	2.6	0.25	1.841	1.357	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	08/06/70-09/08/70	2	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	10/24/86-12/09/90	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	10/24/86-12/09/90	3	0.03	0.273	0.78	0.01	0.193	0.439	**	**	**	**
71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	10/24/86-12/09/90	3 ##	0.4	0.433	0.8	0.1	0.123	0.351	**	**	**	**
71938	ZINC,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	10/24/86-12/09/90	3	6.2	6.133	7.	5.2	0.813	0.902	**	**	**	**
71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	10/24/86-12/09/90	3 ##	0.01	0.04	0.1	0.01	0.003	0.052	**	**	**	**
71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	10/24/86-12/09/90	3	0.006	0.004	0.006	0.001	0.	0.003	**	**	**	**
78457	CHLORDENE, ALPHA-, FISH TISSUE, WET WEIGHT, MG/KG	01/11/89-02/15/95	69 ##	0.005	0.005	0.01	0.005	0.	0.001	0.005	0.005	0.005	0.005
78458	CHLORDENE, BETA-, FISH TISSUE, WET WEIGHT, MG/KG	01/11/89-12/09/90	25 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
78459	CHLORDENE, GAMMA-, FISH TISSUE, WET WEIGHT, MG/KG	01/11/89-02/15/95	69 ##	0.005	0.005	0.01	0.005	0.	0.001	0.005	0.005	0.005	0.005
78922	NONACHLOR, TRANS, TISSUE, WET WEIGHT MG/KG	12/11/89-02/15/95	66 ##	0.005	0.016	0.06	0.005	0.	0.016	0.005	0.005	0.03	0.04
78923	NONACHLOR, CIS, TISSUE, WET WEIGHT MG/KG	12/11/89-02/15/95	66 ##	0.005	0.009	0.06	0.005	0.	0.01	0.005	0.005	0.01	0.02
79006	CHLORDENE IN FISH UG/KG	10/24/86-02/15/95	71 ##	5.	5.07	10.	5.	0.352	0.593	5.	5.	5.	5.
81645	MIREX IN FISH TISSUE WET WEIGHT UG/G	12/09/90-11/20/91	35 ##	0.004	0.004	0.005	0.004	0.	0.	0.004	0.004	0.005	0.005
82029	OXYCHLORDANE IN TISSUE SAMPLE WET WEIGHT MG/KG	10/24/86-11/20/91	50 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
85664	WEIGHT, WET, OF FISH LIVER GRAMS	12/09/90-11/09/94	45	22.	20.311	39.	6.	59.219	7.695	10.6	13.5	26.5	30.4
85665	WEIGHT, WET, FISH, RIGHT FILLET GRAMS	12/11/89-11/09/94	88	461.	611.33	1948.	65.	209342.407	457.54	157.4	229.5	960.5	1328.3
85666	WEIGHT, WET, FISH, LEFT FILLET GRAMS	12/11/89-11/09/94	88	467.	622.591	1979.	62.	223943.233	473.226	150.6	229.25	996.	1367.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0313

			Total	Exceed	Prop.	----------6/01-10/31----------			----------11/01-2/29----------			----------3/01-5/31----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
71900	MERCURY, TOTAL	Fresh Acute	2.4	3	1	0.33	3	1	0.33									
		Drinking Water	2.	3	1	0.33	3	1	0.33									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1986 - Station CHCH0313

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00019	SAMPLE WEIGHT IN GRAMS	10/24/86-11/09/94	5	950.	1401.4	2750.	636.	766826.8	875.686	**	**	**	**
00039	SAMPLE LENGTH IN MILLIMETERS	10/24/86-11/09/94	5	471.	494.6	607.	406.	6121.3	78.239	**	**	**	**
34664	PCB - 1221 WET WGTTISMG/KG	10/24/86-02/15/95	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34667	PCB - 1232 WET WGTTISMG/KG	10/24/86-02/15/95	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34669	PCB - 1248 WET WGTTISMG/KG	10/24/86-02/15/95	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34670	PCB - 1260 WET WGTTISMG/KG	10/24/86-02/15/95	2	0.3	0.3	0.4	0.2	0.02	0.141	**	**	**	**
34674	PCB - 1016 WET WGTTISMG/KG	10/24/86-02/15/95	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34689	PCB - 1242 WET WGTTISMG/KG	10/24/86-02/15/95	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34690	PCB - 1254 WET WGTTISMG/KG	10/24/86-02/15/95	2	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	10/24/86-02/15/95	2	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
45579	PERCENT LIPID EXTRACTABLE MATERIAL	10/24/86-02/15/95	2	12.	12.	12.	12.	0.	0.	**	**	**	**
79006	CHLORDENE IN FISH UG/KG	10/24/86-02/15/95	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station CHCH0313

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00019	SAMPLE WEIGHT IN GRAMS	10/24/86-11/09/94	14	646.5	868.571	2340.	308.	385269.495	620.701	311.5	425.25	1050.25	2182.
00039	SAMPLE LENGTH IN MILLIMETERS	10/24/86-11/09/94	14	425.5	432.929	602.	332.	5856.071	76.525	338.	367.5	470.5	574.
34664	PCB - 1221 WET WGTTISMG/KG	10/24/86-02/15/95	14 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
34667	PCB - 1232 WET WGTTISMG/KG	10/24/86-02/15/95	14 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
34669	PCB - 1248 WET WGTTISMG/KG	10/24/86-02/15/95	14 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
34670	PCB - 1260 WET WGTTISMG/KG	10/24/86-02/15/95	14	0.2	0.257	0.5	0.1	0.01	0.102	0.15	0.2	0.3	0.45
34674	PCB - 1016 WET WGTTISMG/KG	10/24/86-02/15/95	14 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
34689	PCB - 1242 WET WGTTISMG/KG	10/24/86-02/15/95	14 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
34690	PCB - 1254 WET WGTTISMG/KG	10/24/86-02/15/95	14	0.6	0.721	1.7	0.4	0.157	0.396	0.4	0.5	0.75	1.6
39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	10/24/86-02/15/95	14 ##	0.005	0.024	0.11	0.005	0.001	0.034	0.005	0.005	0.033	0.09
45579	PERCENT LIPID EXTRACTABLE MATERIAL	10/24/86-02/15/95	14	10.5	11.857	20.	3.	21.978	4.688	5.5	8.75	16.25	18.5
78457	CHLORDENE, ALPHA-, FISH TISSUE, WET WEIGHT, MG/KG	01/11/89-02/15/95	14 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
78459	CHLORDENE, GAMMA-, FISH TISSUE, WET WEIGHT, MG/KG	01/11/89-02/15/95	14 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
78922	NONACHLOR, TRANS, TISSUE, WET WEIGHT MG/KG	12/11/89-02/15/95	11	0.03	0.027	0.04	0.005	0.	0.01	0.008	0.02	0.03	0.04
78923	NONACHLOR, CIS, TISSUE, WET WEIGHT MG/KG	12/11/89-02/15/95	11	0.01	0.014	0.02	0.005	0.	0.006	0.006	0.01	0.02	0.02
79006	CHLORDENE IN FISH UG/KG	10/24/86-02/15/95	14 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
85665	WEIGHT, WET, FISH, RIGHT FILLET GRAMS	12/11/89-11/09/94	11	132.	134.909	233.	65.	3494.491	59.114	66.2	71.	167.	233.
85666	WEIGHT, WET, FISH, LEFT FILLET GRAMS	12/11/89-11/09/94	11	128.	134.818	238.	62.	3846.564	62.021	62.4	72.	169.	238.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station CHCH0313

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00019	SAMPLE WEIGHT IN GRAMS	10/24/86-11/09/94	10	1417.5	1499.7	2429.	736.	318409.789	564.278	758.4	987.	2066.5	2399.2
00039	SAMPLE LENGTH IN MILLIMETERS	10/24/86-11/09/94	10	514.	528.	656.	426.	4875.333	69.824	430.1	481.25	585.75	651.9
34664	PCB - 1221 WET WGTTISMG/KG	10/24/86-02/15/95	11 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
34667	PCB - 1232 WET WGTTISMG/KG	10/24/86-02/15/95	11 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
34669	PCB - 1248 WET WGTTISMG/KG	10/24/86-02/15/95	11 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
34670	PCB - 1260 WET WGTTISMG/KG	10/24/86-02/15/95	11	0.2	0.186	0.4	0.05	0.014	0.116	0.05	0.05	0.3	0.38
34674	PCB - 1016 WET WGTTISMG/KG	10/24/86-02/15/95	11 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
34689	PCB - 1242 WET WGTTISMG/KG	10/24/86-02/15/95	11 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
34690	PCB - 1254 WET WGTTISMG/KG	10/24/86-02/15/95	11	0.8	0.864	1.4	0.4	0.107	0.326	0.42	0.6	1.1	1.38
39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	10/24/86-02/15/95	11	0.03	0.035	0.05	0.02	0.	0.009	0.022	0.03	0.04	0.05
45579	PERCENT LIPID EXTRACTABLE MATERIAL	10/24/86-02/15/95	11	14.	12.182	24.	4.	44.164	6.646	4.2	6.	17.	22.8
78457	CHLORDENE, ALPHA-, FISH TISSUE, WET WEIGHT, MG/KG	01/11/89-02/15/95	11 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
78459	CHLORDENE, GAMMA-, FISH TISSUE, WET WEIGHT, MG/KG	01/11/89-02/15/95	11 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station CHCH0313

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
78922	NONACHLOR, TRANS, TISSUE, WET WEIGHT MG/KG	12/11/89-02/15/95	11	0.04	0.04	0.06	0.03	0.	0.01	0.03	0.03	0.05	0.058
78923	NONACHLOR, CIS, TISSUE, WET WEIGHT MG/KG	12/11/89-02/15/95	11 ##	0.005	0.015	0.03	0.005	0.	0.012	0.005	0.005	0.03	0.03
79006	CHLORDENE IN FISH UG/KG	10/24/86-02/15/95	11 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
85664	WEIGHT, WET, OF FISH LIVER GRAMS	12/09/90-11/09/94	10	25.	22.4	28.	14.	28.711	5.358	14.2	16.	27.	27.9
85665	WEIGHT, WET, FISH, RIGHT FILLET GRAMS	12/11/89-11/09/94	10	300.5	308.2	531.	158.	16137.511	127.034	160.5	197.25	395.75	527.9
85666	WEIGHT, WET, FISH, LEFT FILLET GRAMS	12/11/89-11/09/94	10	319.5	312.9	562.	147.	18259.656	135.128	149.6	192.5	391.75	553.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station CHCH0313

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00019	SAMPLE WEIGHT IN GRAMS	10/24/86-11/09/94	23	2839.	3279.435	7932.	783.	2860545.075	1691.315	1248.	2121.	4524.	5692.
00039	SAMPLE LENGTH IN MILLIMETERS	10/24/86-11/09/94	23	601.	610.652	780.	451.	6354.419	79.715	482.8	567.	651.	724.4
34664	PCB - 1221 WET WGTTISMG/KG	10/24/86-02/15/95	23 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
34667	PCB - 1232 WET WGTTISMG/KG	10/24/86-02/15/95	23 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
34669	PCB - 1248 WET WGTTISMG/KG	10/24/86-02/15/95	23 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
34670	PCB - 1260 WET WGTTISMG/KG	10/24/86-02/15/95	23	0.2	0.43	2.	0.08	0.193	0.439	0.1	0.2	0.6	0.96
34674	PCB - 1016 WET WGTTISMG/KG	10/24/86-02/15/95	23 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
34689	PCB - 1242 WET WGTTISMG/KG	10/24/86-02/15/95	23 ##	0.05	0.052	0.1	0.05	0.	0.01	0.05	0.05	0.05	0.05
34690	PCB - 1254 WET WGTTISMG/KG	10/24/86-02/15/95	23	0.4	0.502	1.7	0.05	0.165	0.406	0.05	0.2	0.8	0.96
39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	10/24/86-02/15/95	23 ##	0.005	0.012	0.09	0.005	0.001	0.023	0.005	0.005	0.005	0.05
45579	PERCENT LIPID EXTRACTABLE MATERIAL	10/24/86-02/15/95	23	12.	12.698	27.	0.05	46.164	6.794	4.8	9.	14.	25.4
78457	CHLORDENE, ALPHA-, FISH TISSUE, WET WEIGHT, MG/KG	01/11/89-02/15/95	23 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
78459	CHLORDENE, GAMMA-, FISH TISSUE, WET WEIGHT, MG/KG	01/11/89-02/15/95	23 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
78922	NONACHLOR, TRANS, TISSUE, WET WEIGHT MG/KG	12/11/89-02/15/95	23 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
78923	NONACHLOR, CIS, TISSUE, WET WEIGHT MG/KG	12/11/89-02/15/95	23 ##	0.005	0.007	0.06	0.005	0.	0.011	0.005	0.005	0.005	0.005
79006	CHLORDENE IN FISH UG/KG	10/24/86-02/15/95	23 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
85664	WEIGHT, WET, OF FISH LIVER GRAMS	12/09/90-11/09/94	10	26.5	26.7	39.	12.	57.344	7.573	12.7	22.75	32.25	38.4
85665	WEIGHT, WET, FISH, RIGHT FILLET GRAMS	12/11/89-11/09/94	23	665.	720.609	1324.	210.	97597.976	312.407	284.	465.	959.	1201.4
85666	WEIGHT, WET, FISH, LEFT FILLET GRAMS	12/11/89-11/09/94	23	671.	750.043	1645.	204.	120963.134	347.798	286.6	513.	1011.	1202.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station CHCH0313

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00019	SAMPLE WEIGHT IN GRAMS	10/24/86-11/09/94	19	2620.	3868.526	8943.	883.	8076599.596	2841.936	947.	1357.	6977.	7442.
00039	SAMPLE LENGTH IN MILLIMETERS	10/24/86-11/09/94	19	610.	626.211	799.	463.	16759.509	129.459	470.	495.	766.	794.
34664	PCB - 1221 WET WGTTISMG/KG	10/24/86-02/15/95	19 ##	0.05	0.048	0.05	0.005	0.	0.01	0.05	0.05	0.05	0.05
34667	PCB - 1232 WET WGTTISMG/KG	10/24/86-02/15/95	19 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
34669	PCB - 1248 WET WGTTISMG/KG	10/24/86-02/15/95	19 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
34670	PCB - 1260 WET WGTTISMG/KG	10/24/86-02/15/95	16	0.2	0.181	0.3	0.05	0.007	0.081	0.05	0.1	0.2	0.3
34674	PCB - 1016 WET WGTTISMG/KG	10/24/86-02/15/95	19 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
34689	PCB - 1242 WET WGTTISMG/KG	10/24/86-02/15/95	19 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
34690	PCB - 1254 WET WGTTISMG/KG	10/24/86-02/15/95	19	0.3	0.284	0.5	0.1	0.026	0.161	0.1	0.1	0.4	0.5
39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	10/24/86-02/15/95	19 ##	0.005	0.007	0.05	0.005	0.	0.01	0.005	0.005	0.005	0.005
45579	PERCENT LIPID EXTRACTABLE MATERIAL	10/24/86-02/15/95	19	6.	8.368	20.	2.	23.023	4.798	4.	4.	11.	16.
78457	CHLORDENE, ALPHA-, FISH TISSUE, WET WEIGHT, MG/KG	01/11/89-02/15/95	19 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
78459	CHLORDENE, GAMMA-, FISH TISSUE, WET WEIGHT, MG/KG	01/11/89-02/15/95	19 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
78922	NONACHLOR, TRANS, TISSUE, WET WEIGHT MG/KG	12/11/89-02/15/95	19 ##	0.005	0.011	0.06	0.005	0.	0.014	0.005	0.005	0.005	0.03
78923	NONACHLOR, CIS, TISSUE, WET WEIGHT MG/KG	12/11/89-02/15/95	19 ##	0.005	0.006	0.02	0.005	0.	0.004	0.005	0.005	0.005	0.01
79006	CHLORDENE IN FISH UG/KG	10/24/86-02/15/95	19 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
85664	WEIGHT, WET, OF FISH LIVER GRAMS	12/09/90-11/09/94	10	15.5	17.	28.	10.	48.444	6.96	10.	10.75	23.5	28.
85665	WEIGHT, WET, FISH, RIGHT FILLET GRAMS	12/11/89-11/09/94	19	613.	877.895	1948.	213.	391998.433	626.098	220.	324.	1531.	1708.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station CHCH0313

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
85666	WEIGHT, WET, FISH, LEFT FILLET GRAMS	12/11/89-11/09/94	19	611.	891.158	1979.	212.	419042.474	647.335	214.	323.	1625.	1756.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station CHCH0313

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00019	SAMPLE WEIGHT IN GRAMS	10/24/86-11/09/94	20	2954.5	3115.2	6547.	663.	4065743.747	2016.369	729.5	1060.25	4976.25	5660.7
00039	SAMPLE LENGTH IN MILLIMETERS	10/24/86-11/09/94	20	615.	596.2	750.	412.	14492.8	120.386	420.3	471.5	707.75	743.8
85664	WEIGHT, WET, OF FISH LIVER GRAMS	12/09/90-11/09/94	10	13.5	14.8	23.	6.	33.067	5.75	6.4	10.75	22.	22.9
85665	WEIGHT, WET, FISH, RIGHT FILLET GRAMS	12/11/89-11/09/94	20	676.	691.65	1367.	163.	177295.608	421.065	173.7	254.5	1038.25	1223.1
85666	WEIGHT, WET, FISH, LEFT FILLET GRAMS	12/11/89-11/09/94	20	685.	691.6	1366.	164.	176590.358	420.227	179.1	249.	1053.5	1188.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station CHCH0313

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00019	SAMPLE WEIGHT IN GRAMS	10/24/86-11/09/94	5	1331.	1555.2	2790.	540.	821062.7	906.125	**	**	**	**
00039	SAMPLE LENGTH IN MILLIMETERS	10/24/86-11/09/94	5	556.	556.8	627.	486.	3346.7	57.851	**	**	**	**
34664	PCB - 1221 WET WGTTISMG/KG	10/24/86-02/15/95	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34667	PCB - 1232 WET WGTTISMG/KG	10/24/86-02/15/95	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34669	PCB - 1248 WET WGTTISMG/KG	10/24/86-02/15/95	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34670	PCB - 1260 WET WGTTISMG/KG	10/24/86-02/15/95	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34674	PCB - 1016 WET WGTTISMG/KG	10/24/86-02/15/95	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34689	PCB - 1242 WET WGTTISMG/KG	10/24/86-02/15/95	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34690	PCB - 1254 WET WGTTISMG/KG	10/24/86-02/15/95	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	10/24/86-02/15/95	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
45579	PERCENT LIPID EXTRACTABLE MATERIAL	10/24/86-02/15/95	1	15.	15.	15.	15.	0.	0.	**	**	**	**
78457	CHLORDENE, ALPHA-, FISH TISSUE, WET WEIGHT, MG/KG	01/11/89-02/15/95	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
78459	CHLORDENE, GAMMA-, FISH TISSUE, WET WEIGHT, MG/KG	01/11/89-02/15/95	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
78922	NONACHLOR, TRANS, TISSUE, WET WEIGHT MG/KG	12/11/89-02/15/95	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
78923	NONACHLOR, CIS, TISSUE, WET WEIGHT MG/KG	12/11/89-02/15/95	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
79006	CHLORDENE IN FISH UG/KG	10/24/86-02/15/95	1	10.	10.	10.	10.	0.	0.	**	**	**	**
85664	WEIGHT, WET, OF FISH LIVER GRAMS	12/09/90-11/09/94	5	22.	21.	31.	13.	57.5	7.583	**	**	**	**
85665	WEIGHT, WET, FISH, RIGHT FILLET GRAMS	12/11/89-11/09/94	5	383.	428.8	688.	234.	31221.7	176.697	**	**	**	**
85666	WEIGHT, WET, FISH, LEFT FILLET GRAMS	12/11/89-11/09/94	5	383.	432.2	682.	235.	31079.7	176.294	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station CHCH0313

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34664	PCB - 1221 WET WGTTISMG/KG	10/24/86-02/15/95	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34667	PCB - 1232 WET WGTTISMG/KG	10/24/86-02/15/95	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34669	PCB - 1248 WET WGTTISMG/KG	10/24/86-02/15/95	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34670	PCB - 1260 WET WGTTISMG/KG	10/24/86-02/15/95	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34674	PCB - 1016 WET WGTTISMG/KG	10/24/86-02/15/95	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34689	PCB - 1242 WET WGTTISMG/KG	10/24/86-02/15/95	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34690	PCB - 1254 WET WGTTISMG/KG	10/24/86-02/15/95	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	10/24/86-02/15/95	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
45579	PERCENT LIPID EXTRACTABLE MATERIAL	10/24/86-02/15/95	1	15.	15.	15.	15.	0.	0.	**	**	**	**
78457	CHLORDENE, ALPHA-, FISH TISSUE, WET WEIGHT, MG/KG	01/11/89-02/15/95	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station CHCH0313

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
78459	CHLORDENE, GAMMA-, FISH TISSUE, WET WEIGHT, MG/KG	01/11/89-02/15/95	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
78922	NONACHLOR, TRANS, TISSUE, WET WEIGHT MG/KG	12/11/89-02/15/95	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
78923	NONACHLOR, CIS, TISSUE, WET WEIGHT MG/KG	12/11/89-02/15/95	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
79006	CHLORDENE IN FISH UG/KG	10/24/86-02/15/95	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 6/01 to 10/31 - Station CHCH0313

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00019	SAMPLE WEIGHT IN GRAMS	10/24/86-11/09/94	26	1209.	1502.077	4928.	636.	829487.914	910.762	698.7	929.5	1842.25	2659.
00039	SAMPLE LENGTH IN MILLIMETERS	10/24/86-11/09/94	26	485.5	507.769	688.	406.	4805.065	69.319	416.9	462.5	558.	607.9
34664	PCB - 1221 WET WGTTISMG/KG	10/24/86-02/15/95	13 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
34667	PCB - 1232 WET WGTTISMG/KG	10/24/86-02/15/95	13 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
34669	PCB - 1248 WET WGTTISMG/KG	10/24/86-02/15/95	13 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
34670	PCB - 1260 WET WGTTISMG/KG	10/24/86-02/15/95	11	0.2	0.223	0.4	0.05	0.008	0.088	0.08	0.2	0.3	0.38
34674	PCB - 1016 WET WGTTISMG/KG	10/24/86-02/15/95	13 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
34689	PCB - 1242 WET WGTTISMG/KG	10/24/86-02/15/95	13 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
34690	PCB - 1254 WET WGTTISMG/KG	10/24/86-02/15/95	13	0.4	0.477	1.1	0.1	0.094	0.306	0.14	0.25	0.5	1.1
39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	10/24/86-02/15/95	13 ##	0.005	0.01	0.04	0.005	0.	0.013	0.005	0.005	0.005	0.04
39302	P P DDT IN TISSUE WET WGT (UG/G)	10/24/86-02/15/95	2 ##	0.048	0.048	0.09	0.005	0.004	0.06	**	**	**	**
39312	P P DDD IN TISSUE WET WGT (UG/G)	10/24/86-02/15/95	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39322	P,P'-DDE IN TISSUE WET WGT MG/KG	10/24/86-02/15/95	2 ##	0.038	0.038	0.07	0.005	0.002	0.046	**	**	**	**
45579	PERCENT LIPID EXTRACTABLE MATERIAL	10/24/86-02/15/95	13	11.	10.462	20.	2.	23.769	4.875	3.6	6.	13.5	18.4
78457	CHLORDENE, ALPHA-, FISH TISSUE, WET WEIGHT, MG/KG	01/11/89-02/15/95	11 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
78459	CHLORDENE, GAMMA-, FISH TISSUE, WET WEIGHT, MG/KG	01/11/89-02/15/95	11 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
79006	CHLORDENE IN FISH UG/KG	10/24/86-02/15/95	13 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 2/29 - Station CHCH0313

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00019	SAMPLE WEIGHT IN GRAMS	10/24/86-11/09/94	70	2351.	3058.843	8943.	308.	5017209.062	2239.913	613.7	1001.	4689.	6920.5
00039	SAMPLE LENGTH IN MILLIMETERS	10/24/86-11/09/94	70	598.5	589.471	799.	332.	15204.398	123.306	416.1	486.	696.5	750.
34664	PCB - 1221 WET WGTTISMG/KG	10/24/86-02/15/95	58 ##	0.05	0.05	0.1	0.005	0.	0.009	0.05	0.05	0.05	0.05
34667	PCB - 1232 WET WGTTISMG/KG	10/24/86-02/15/95	58 ##	0.05	0.051	0.1	0.05	0.	0.007	0.05	0.05	0.05	0.05
34669	PCB - 1248 WET WGTTISMG/KG	10/24/86-02/15/95	58 ##	0.05	0.041	0.1	0.025	0.	0.015	0.025	0.025	0.05	0.05
34670	PCB - 1260 WET WGTTISMG/KG	10/24/86-02/15/95	57	0.2	0.294	2.	0.05	0.095	0.309	0.096	0.1	0.3	0.64
34674	PCB - 1016 WET WGTTISMG/KG	10/24/86-02/15/95	58 ##	0.05	0.041	0.1	0.025	0.	0.015	0.025	0.025	0.05	0.05
34689	PCB - 1242 WET WGTTISMG/KG	10/24/86-02/15/95	58 ##	0.05	0.052	0.1	0.05	0.	0.009	0.05	0.05	0.05	0.05
34690	PCB - 1254 WET WGTTISMG/KG	10/24/86-02/15/95	58	0.55	0.582	1.7	0.05	0.166	0.407	0.095	0.3	0.8	1.12
39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	10/24/86-02/15/95	58 ##	0.005	0.019	0.11	0.005	0.001	0.024	0.005	0.005	0.03	0.052
39302	P P DDT IN TISSUE WET WGT (UG/G)	10/24/86-02/15/95	37 ##	0.005	0.02	0.11	0.005	0.001	0.029	0.005	0.005	0.01	0.072
39312	P P DDD IN TISSUE WET WGT (UG/G)	10/24/86-02/15/95	37 ##	0.005	0.012	0.2	0.005	0.001	0.033	0.005	0.005	0.005	0.01
39322	P,P'-DDE IN TISSUE WET WGT MG/KG	10/24/86-02/15/95	37	0.04	0.091	0.6	0.005	0.013	0.116	0.005	0.005	0.13	0.206
45579	PERCENT LIPID EXTRACTABLE MATERIAL	10/24/86-02/15/95	58	10.5	11.535	27.	0.05	37.005	6.083	4.	6.75	16.	20.
78457	CHLORDENE, ALPHA-, FISH TISSUE, WET WEIGHT, MG/KG	01/11/89-02/15/95	58 ##	0.005	0.005	0.01	0.005	0.	0.001	0.005	0.005	0.005	0.005
78459	CHLORDENE, GAMMA-, FISH TISSUE, WET WEIGHT, MG/KG	01/11/89-02/15/95	58 ##	0.005	0.005	0.01	0.005	0.	0.001	0.005	0.005	0.005	0.005
79006	CHLORDENE IN FISH UG/KG	10/24/86-02/15/95	58 ##	5.	5.086	10.	5.	0.431	0.657	5.	5.	5.	5.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: CHCH0314

NPS Station ID: CHCH0314
LAT/LON: 35.065003/ -85.341115
Agency: 11BIOACC
Date Created: 02/17/90
Location: NICKAJACK RESERVOIR
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 3188
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 1.70
On/Off RF1:
RF3 Index: 06020001001800.00
RF3 Mile Point: 0.00
Distance from RF3: 0.10
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0314

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/07/87-08/19/87	2	216.	216.	311.	121.	18050.	134.35	**	**	**	**
30344	PENTACHLORODIBENZO-P-DIOXIN,12378,FISH,WET WT,PG/G	07/07/87-08/19/87	2 ##	1.665	1.665	2.83	0.5	2.714	1.648	**	**	**	**
30345	HEXACHLORODIBENZO-P-DIOXIN,123478,FISH,WET WT,PG/G	07/07/87-08/19/87	2 ##	1.655	1.655	2.08	1.23	0.361	0.601	**	**	**	**
30346	HEXACHLORODIBENZO-P-DIOXIN,123678,FISH,WET WT,PG/G	07/07/87-08/19/87	2 ##	3.2	3.2	5.48	0.92	10.397	3.224	**	**	**	**
30347	HEXACHLORODIBENZO-P-DIOXIN,123789,FISH,WET WT,PG/G	07/07/87-08/19/87	2 ##	0.728	0.728	0.77	0.685	0.004	0.06	**	**	**	**
30348	HEPTACHLORODIBENZO-P-DIOXIN,1234678,TIS,WETWT,PG/G	07/07/87-08/19/87	2 ##	6.203	6.203	11.49	0.915	55.915	7.478	**	**	**	**
30349	TETRACHLORODIBENZOFURAN, 2378- , FISH,WET WT.,PG/G	07/07/87-08/19/87	2 ##	2.208	2.208	4.13	0.285	7.392	2.719	**	**	**	**
30350	PENTACHLORODIBENZOFURAN,12378- , FISH,WET WT.,PG/G	07/07/87-08/19/87	2 ##	0.783	0.783	1.18	0.385	0.316	0.562	**	**	**	**
30351	PENTACHLORODIBENZOFURAN,23478- , FISH,WET WT.,PG/G	07/07/87-08/19/87	1 ##	0.42	0.42	0.42	0.42	0.	0.	**	**	**	**
30352	HEXACHLORODIBENZOFURAN,123478- , FISH,WET WT.,PG/G	07/07/87-08/19/87	1 ##	1.41	1.41	1.41	1.41	0.	0.	**	**	**	**
30353	HEXACHLORODIBENZOFURAN,123678- , FISH,WET WT.,PG/G	07/07/87-08/19/87	2 ##	1.268	1.268	1.415	1.12	0.044	0.209	**	**	**	**
30354	HEXACHLORODIBENZOFURAN,123789- , FISH,WET WT.,PG/G	07/07/87-08/19/87	2 ##	1.385	1.385	1.39	1.38	0.	0.007	**	**	**	**
30355	HEXACHLORODIBENZOFURAN,234678- , FISH,WET WT.,PG/G	07/07/87-08/19/87	1 ##	0.975	0.975	0.975	0.975	0.	0.	**	**	**	**
30356	HEPTACHLORODIBENZOFURAN,1234678- ,FISH,WET WT,PG/G	07/07/87-08/19/87	2 ##	0.995	0.995	1.27	0.72	0.151	0.389	**	**	**	**
30357	HEPTACHLORODIBENZOFURAN,1234789- ,FISH,WET WT,PG/G	07/07/87-08/19/87	2 ##	1.305	1.305	1.31	1.3	0.	0.007	**	**	**	**
34395	HEXACHLOROBUTADIENE WET WGTTISMG/KG	07/07/87-08/19/87	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
34555	1,2,4-TRICHLOROBENZENE WET WGTTISMG/KG	07/07/87-08/19/87	2 ##	0.001	0.001	0.002	0.001	0.	0.	**	**	**	**
34685	ENDRIN WET WGTTISMG/KG	07/07/87-08/19/87	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	07/07/87-08/19/87	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
34687	HEPTACHLOR WET WGTTISMG/KG	07/07/87-08/19/87	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
34688	HEXACHLOROBENZENE WET WGTTISMG/KG	07/07/87-08/19/87	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
34754	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN TISWETWTPG/G	07/07/87-08/19/87	2 ##	1.023	1.023	1.35	0.695	0.215	0.463	**	**	**	**
38824	ISOPROPALIN TISWETWGTMG/KG	07/07/87-08/19/87	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39063	CHLORDANE-CIS ISOMER,TISSUE WET WGT (UG/G)	07/07/87-08/19/87	2 ##	0.031	0.031	0.06	0.002	0.002	0.041	**	**	**	**
39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	07/07/87-08/19/87	2 ##	0.03	0.03	0.058	0.002	0.002	0.04	**	**	**	**
39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	07/07/87-08/19/87	2 ##	0.004	0.004	0.006	0.002	0.	0.003	**	**	**	**
39319	MONOCHLOROBIPHENYL,TOTAL, TISSUE,WET,WT,MG/KG	07/07/87-08/19/87	2 ##	0.005	0.005	0.01	0.001	0.	0.007	**	**	**	**
39322	P,P'-DDE IN TISSUE WET WGT MG/KG	07/07/87-08/19/87	2	0.082	0.082	0.16	0.003	0.012	0.111	**	**	**	**
39335	DICHLOROBIPHENYL,TOTAL, TISSUE,WET,WT,MG/KG	07/07/87-08/19/87	2 ##	0.014	0.014	0.027	0.001	0.	0.019	**	**	**	**
39339	TRICHLOROBIPHENYL,TOTAL, TISSUE,WET,WT,MG/KG	07/07/87-08/19/87	2 ##	0.014	0.014	0.028	0.001	0.	0.019	**	**	**	**
39345	TETRACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	07/07/87-08/19/87	2 ##	0.222	0.222	0.443	0.002	0.097	0.312	**	**	**	**
39347	PENTACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	07/07/87-08/19/87	2	0.655	0.655	1.297	0.012	0.826	0.909	**	**	**	**
39354	HEPTACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	07/07/87-08/19/87	2	0.119	0.119	0.234	0.004	0.026	0.163	**	**	**	**
39355	OCTACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	07/07/87-08/19/87	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39404	DIELDRIN IN TISSUE WET WGT (UG/G)	07/07/87-08/19/87	2 ##	0.051	0.051	0.1	0.002	0.005	0.07	**	**	**	**
39408	NONACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	07/07/87-08/19/87	2 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
39409	DECACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	07/07/87-08/19/87	2 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	07/07/87-08/19/87	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0314

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
46333	PENTACHLORONITROBENZENE (PCNB) IN TISSUE WET MG/KG	07/07/87-08/19/87	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
70977	INSTRUMENT RATIO, LAB/FIELD CONCENTRATIONS, NUMBER	07/07/87-08/19/87	2 ##	2.29	2.29	4.58	0.	10.488	3.239	**	**	**	**
71935	MERCURY, TOTAL IN FISH (PPM,WET WEIGHT BASIS)	07/07/87-08/19/87	2	0.065	0.065	0.1	0.03	0.002	0.049	**	**	**	**
76530	BIPHENYL TISSUE ,WET WGT,MG/KG	07/07/87-08/19/87	2 ##	0.002	0.002	0.003	0.	0.	0.002	**	**	**	**
78907	HEXACHLOROBIPHENYLS IN FISH TISSUE WET WGT. MG/KG	07/07/87-08/19/87	2	0.645	0.645	1.27	0.02	0.781	0.884	**	**	**	**
78922	NONACHLOR, TRANS, TISSUE, WET WEIGHT MG/KG	07/07/87-08/19/87	2 ##	0.066	0.066	0.13	0.001	0.008	0.091	**	**	**	**
78923	NONACHLOR, CIS, TISSUE, WET WEIGHT MG/KG	07/07/87-08/19/87	2 ##	0.021	0.021	0.04	0.002	0.001	0.027	**	**	**	**
79026	1,2,3,4,-TETRACHLOROBENZENE IN FISH WET WGT MG/KG	07/07/87-08/19/87	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
81312	POLYCHLORINATEDBIPHENYLS FISH TISSUE WET WGT MG/KG	07/07/87-08/19/87	2	1.671	1.671	3.309	0.032	5.369	2.317	**	**	**	**
81644	METHOXYCHLOR IN FISH TISSUE,UG/G WET WEIGHT	07/07/87-08/19/87	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
81645	MIREX IN FISH TISSUE WET WEIGHT UG/G	07/07/87-08/19/87	2 ##	0.003	0.003	0.004	0.002	0.	0.002	**	**	**	**
81652	TREFLAN IN FISH TISSUE WET WEIGHT MG/KG	07/07/87-08/19/87	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
81807	DURSBAN IN FISH TISSUE WET WEIGHT MG/KG	07/07/87-08/19/87	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
81823	PENTACHLOROANISOLE(PCA)INFISH TISSUE WET WGT MG/KG	07/07/87-08/19/87	2 ##	0.003	0.003	0.005	0.002	0.	0.002	**	**	**	**
82029	OXYCHLORDANE IN TISSUE SAMPLE WET WEIGHT MG/KG	07/07/87-08/19/87	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
85675	TRICHLOROBENZENE,1,3,5- TISSUE,WET,WT,MG/KG	07/07/87-08/19/87	2 ##	0.	0.	0.001	0.	0.	0.	**	**	**	**
85676	TRICHLOROBENZENE,1,2,3- TISSUE,WET,WT,MG/KG	07/07/87-08/19/87	2 ##	0.001	0.001	0.002	0.	0.	0.001	**	**	**	**
85677	TETRACHLOROBENZENE,1,2,4,5- TISSUE,WET,WT,MG/KG	07/07/87-08/19/87	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
85678	TETRACHLOROBENZENE,1,2,3,5- TISSUE,WET,WT,MG/KG	07/07/87-08/19/87	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
85679	PENTACHLOROBENZENE TISSUE,WET,WT,MG/KG	07/07/87-08/19/87	2 ##	0.001	0.001	0.002	0.001	0.	0.001	**	**	**	**
85680	DIPHENYL DISULFIDE TISSUE,WET,WT,MG/KG	07/07/87-08/19/87	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
85681	OCTACHLOROSTYRENE TISSUE,WET,WT,MG/KG	07/07/87-08/19/87	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
85682	NITROFEN TISSUE,WET,WT,MG/KG	07/07/87-08/19/87	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
85683	PERTHANE TISSUE,WET,WT,MG/KG	07/07/87-08/19/87	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
85684	DICOFOL (KELTHANE) TISSUE,WET,WT,MG/KG	07/07/87-08/19/87	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: CHCH0315

NPS Station ID: CHCH0315
Location: ABOVE RACCOON MTN INTAKE DISCHAR
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes: 1021500 007720 00920
RMI-Miles: 0953.80 0046.50 445.00
HUC: 06020001
Major Basin: TENNESSEE RIVER BASIN
Minor Basin: TENNESSEE RIVER 445.0
RF1 Index: 06020001001
RF3 Index: 06020001000100.06
Description:

LAT/LON: 35.065003/ -85.405004
Depth of Water: 0
Elevation: 0
RF1 Mile Point: 27.530
RF3 Mile Point: 0.06

Agency: 131TVAC
FIPS State/County: 47115 TENNESSEE/MARION
STORET Station ID(s): 476132
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 3.10
Distance from RF3: 0.00

Date Created: 12/21/78
On/Off RF1: ON
On/Off RF3:

Parameter Inventory for Station: CHCH0315

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/04/77-04/28/77	31	23.	23.	43.	3.	253.333	15.916	3.	3.	43.	43.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/04/77-03/04/77	3	12.	12.	12.	12.	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/04/77-04/28/77	31	10.	17.706	45.	4.7	120.776	10.99	7.16	8.7	25.	33.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/04/77-04/28/77	24	12.	16.5	70.	5.	266.783	16.333	7.5	10.	13.	45.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0315

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	31	0	0.00							31	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0316

NPS Station ID: CHCH0316
LAT/LON: 35.066948/ -85.263338
Agency: 21TNWQ
Date Created: / /
Location: CITICO CREEK
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 000630 /330630 /230630
RMI-Indexes: 1021500 007720 00920 6164
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 465.30 001.90
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 6.20
On/Off RF1:
RF3 Index: 06020001124300.00
RF3 Mile Point: 0.69
Distance from RF3: 0.01
On/Off RF3:
Description:
ABOVE EFFLUENT FROM OIL SEPARATOR AT CITICO YARDS

Parameter Inventory for Station: CHCH0316

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/14/77-09/27/77	2	1.	1.	1.	1.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/25/65-02/14/77	4	21.	18.25	22.	9.	38.917	6.238	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/14/77-02/14/77	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	02/14/77-02/14/77	1	22.	22.	22.	22.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/25/65-02/14/77	4	1.95	4.15	12.1	0.6	28.51	5.339	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	05/25/65-02/14/77	4	6.2	10.975	31.	0.5	188.109	13.715	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	02/14/77-02/14/77	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	02/14/77-02/14/77	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/14/77-02/14/77	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/14/77-02/14/77	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/14/77-02/14/77	1	105.	105.	105.	105.	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	02/14/77-02/14/77	1	139.	139.	139.	139.	0.	0.	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	02/14/77-02/14/77	1	136.	136.	136.	136.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/14/77-02/14/77	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00572	BIOMASS, PERIPHYTON (GRAMS PER SQUARE METER)	09/27/77-09/27/77	1	4.24	4.24	4.24	4.24	0.	0.	**	**	**	**
00573	BIOMASS, PERIPHYTON,DRY WEIGHT TOTAL (G/M2)	09/27/77-09/27/77	1	14.76	14.76	14.76	14.76	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/14/77-02/14/77	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	02/14/77-02/14/77	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/14/77-02/14/77	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/14/77-02/14/77	1	126.	126.	126.	126.	0.	0.	**	**	**	**
00910	CALCIUM (MG/L AS CACO3)	02/14/77-02/14/77	1	75.	75.	75.	75.	0.	0.	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	02/14/77-02/14/77	1	39.	39.	39.	39.	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	02/14/77-02/14/77	1	3.1	3.1	3.1	3.1	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	02/14/77-02/14/77	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	02/14/77-02/14/77	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	02/14/77-02/14/77	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/14/77-02/14/77	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	02/14/77-02/14/77	1	88.	88.	88.	88.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	02/14/77-02/14/77	1	39.	39.	39.	39.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	02/14/77-02/14/77	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	02/14/77-02/14/77	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/14/77-02/14/77	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/14/77-02/14/77	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	02/14/77-02/14/77	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0316

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	02/14/77-02/14/77	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.								
32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	09/27/77-09/27/77	1	43.08	43.08	43.08	43.08	0.	0.	**	**	**	**
32224	PHEOPHYTIN A MG/M2 SPECTROPHOTOMETRIC ACID METH	09/27/77-09/27/77	1	11.74	11.74	11.74	11.74	0.	0.	**	**	**	**
32226	CHLOROPHYLL B, PERIPHYTON, SPECTRO, MG/M2	09/27/77-09/27/77	1	14.52	14.52	14.52	14.52	0.	0.	**	**	**	**
32227	CHLOROPHYLL C, PERIPHYTON SPECTO, MG/M2	09/27/77-09/27/77	1	10.37	10.37	10.37	10.37	0.	0.	**	**	**	**
32228	CHLOROPHYLL A, PERIPHYTON, SPECTRO, MG/M2	09/27/77-09/27/77	1	46.83	46.83	46.83	46.83	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0316

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00				1	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	3	0.75				1	0	0.00	3	3	1.00			
00400	PH	Fresh Chronic	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00				1	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
		Drinking Water	250.	1	0	0.00				1	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00				1	0	0.00						
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00				1	0	0.00						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00				1	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0317

NPS Station ID: CHCH0317
LAT/LON: 35.067782/ -85.339726
Agency: 131TVAC
Date Created: 10/06/79
Location: NICKAJACK RESERVOIR
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 476238
RMI-Indexes: 1021500 007720 00920
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 456.80
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER 456.80
ECO Region:
RF1 Index: 06020001002
RF1 Mile Point: 5.390
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 06020001005702.00
RF3 Mile Point: 2.58
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0317

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/17/79-09/20/79	20	11.5	12.4	26.	1.	71.2	8.438	1.2	5.	20.	25.7
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/17/79-09/20/79	20	23.6	23.57	24.	23.	0.197	0.444	23.1	23.125	24.	24.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/17/79-09/20/79	7	4.2	4.186	5.	3.5	0.315	0.561	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/17/79-09/20/79	2	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/17/79-09/20/79	20	180.	184.5	200.	170.	226.053	15.035	170.	170.	200.	200.
00300	OXYGEN, DISSOLVED MG/L	08/17/79-09/20/79	20	7.	6.87	7.4	6.4	0.137	0.37	6.4	6.5	7.2	7.3
00310	BOD, 5 DAY, 20 DEG C MG/L	08/17/79-09/20/79	4	1.65	1.675	2.	1.4	0.103	0.32	**	**	**	**
00400	PH (STANDARD UNITS)	08/17/79-09/20/79	20	7.45	7.45	7.8	7.1	0.129	0.359	7.1	7.1	7.8	7.8
00400	CONVERTED PH (STANDARD UNITS)	08/17/79-09/20/79	20	7.322	7.322	7.8	7.1	0.146	0.382	7.1	7.1	7.8	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/17/79-09/20/79	20	0.048	0.048	0.079	0.016	0.001	0.033	0.016	0.016	0.079	0.079
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/17/79-09/20/79	7	58.	54.	60.	37.	66.	8.124	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/17/79-09/20/79	7	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/17/79-09/20/79	6	5.5	5.833	9.	3.	4.167	2.041	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/17/79-09/20/79	7	0.11	0.094	0.11	0.06	0.	0.021	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/17/79-09/20/79	7	0.07	0.079	0.13	0.04	0.001	0.031	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/17/79-09/20/79	7	0.29	0.294	0.31	0.29	0.	0.008	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/17/79-09/20/79	7	0.04	0.034	0.04	0.02	0.	0.008	**	**	**	**
00677	PHOSPHORUS,HYDROLYZABLE + ORTHO,DIS,AUTOANALYZER	08/17/79-09/20/79	7	0.01	0.012	0.02	0.005	0.	0.008	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/17/79-09/20/79	6	105.	101.667	110.	80.	136.667	11.69	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0317

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	7	0	0.00	7	0	0.00									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	20	0	0.00	20	0	0.00									
00400	PH	Fresh Chronic	9.	20	0	0.00	20	0	0.00									
		Other-Lo Lim.	6.5	20	0	0.00	20	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	7	0	0.00	7	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0318

NPS Station ID: CHCH0318
LAT/LON: 35.068059/ -85.213615
Agency: 131TVAC
Date Created: / /
Location: LIGHTFOOT MILL ROAD BRIDGE
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475737 /2651
RMI-Indexes: 1021500 007720 00920 6180
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 005.00
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: SOUTH CHICKAMAUGA CREEK 5.0
ECO Region:
RF1 Index: 06020001007
RF1 Mile Point: 4.880
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 06020001000703.50
RF3 Mile Point: 5.17
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0318

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/26/72-09/27/72	8	1.	1.	1.	1.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/26/72-09/27/72	7	22.2	22.629	24.	22.	0.552	0.743	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/26/72-09/26/72	1	156.	156.	156.	156.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/26/72-09/27/72	8	3.5	3.663	4.8	3.	0.414	0.644	**	**	**	**
00303	BOD, 1DAY, 20 DEG C MG/L	09/26/72-09/27/72	6	1.	0.933	1.1	0.5	0.047	0.216	**	**	**	**
00304	BOD, 2 DAY, 20 DEG C MG/L	09/26/72-09/27/72	6	1.85	1.9	2.3	1.5	0.092	0.303	**	**	**	**
00305	BOD, 3 DAY, 20 DEG C MG/L	09/26/72-09/27/72	6	2.6	2.7	3.2	2.3	0.116	0.341	**	**	**	**
00306	BOD, 4 DAY, 20 DEG C MG/L	09/26/72-09/27/72	6	3.6	3.533	4.2	2.2	0.515	0.717	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/26/72-09/27/72	6	4.8	4.833	5.3	4.3	0.107	0.327	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/26/72-09/27/72	6	0.545	0.56	0.68	0.47	0.006	0.075	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/26/72-09/27/72	6	0.9	0.833	0.96	0.65	0.021	0.144	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/26/72-09/27/72	6	0.245	0.242	0.25	0.23	0.	0.01	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/26/72-09/27/72	6	1.85	1.85	2.	1.7	0.011	0.105	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0318

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	8	6	0.75	8	6	0.75									
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	6	0	0.00	6	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	6	0	0.00	6	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0319

NPS Station ID: CHCH0319
Location: S.CHICKAMAUGA CK @ LIGHTFOOD MIL
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes: 1021500 007720 00920 6180
RMI-Miles: 0953.80 0046.50 468.20 005.00
HUC: 06020001
Major Basin: SOUTHEAST
Minor Basin: TENNESSEE RIVER BASIN
RF1 Index: 06020001007
RF3 Index: 06020001000700.00
Description:

LAT/LON: 35.068337/ -85.213337
Depth of Water: 0
Elevation: 0
RF1 Mile Point: 4.880
RF3 Mile Point: 3.34

Agency: 1113S000
FIPS State/County: 47065 TENNESSEE/HAMILTON
STORET Station ID(s): 480140 /TR-CC-10
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.01

Date Created: / /
On/Off RF1: ON
On/Off RF3:

Parameter Inventory for Station: CHCH0319

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/15/68-10/17/68	3	20.	19.833	20.	19.5	0.083	0.289	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/15/68-10/17/68	3	4.7	4.733	5.2	4.3	0.203	0.451	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	10/15/68-10/15/68	1	8.8	8.8	8.8	8.8	0.	0.	**	**	**	**
00380	CHLORINE DEMAND, 24 HOUR (MG/L)	10/15/68-10/15/68	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/16/68-10/17/68	2	7.35	7.35	7.8	6.9	0.405	0.636	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/16/68-10/17/68	2	7.15	7.15	7.8	6.9	0.485	0.697	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/16/68-10/17/68	2	0.071	0.071	0.126	0.016	0.006	0.078	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/15/68-10/17/68	3	3.6	3.533	3.6	3.4	0.013	0.115	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/15/68-10/17/68	3	4.3	4.367	4.55	4.25	0.026	0.161	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/15/68-10/17/68	3	3.6	3.6	3.6	3.6	0.	0.	**	**	**	**
00685	CARBON, TOTAL INORGANIC (MG/L AS C)	10/15/68-10/15/68	1	1.	1.	1.	1.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0319

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	3	0	0.00	3	0	0.00									
00400	PH	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	0	0.00	3	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0320

NPS Station ID: CHCH0320
LAT/LON: 35.068892/ -85.263338
Agency: 1113S090
Date Created: / /
Location: CITICO CR LATTA ST BRIDGE MDSTM
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM
STORET Station ID(s): 470160 /IP-01
RMI-Indexes: 1021500 007720 00920 6164
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 465.30 001.90
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 06020001000700.00
RF3 Mile Point: 0.06
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0320

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

***** Data for this station locked by controlling agency *****

Station Inventory for Station: CHCH0321

NPS Station ID: CHCH0321
LAT/LON: 35.068892/ -85.392503
Agency: 131TVAC
Date Created: / /
Location: NICKAJACK RESERVOIR
FIPS State/County: 47115 TENNESSEE/MARION
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475337 /0954
RMI-Indexes: 1021500 007720 00920
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 445.80
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER 445.8
ECO Region:
RF1 Index: 06020001001
RF1 Mile Point: 28.330
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 06020001029200.00
RF3 Mile Point: 0.00
Distance from RF3: 0.12
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0321

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/07/67-09/07/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/07/67-09/07/67	1	70000.	70000.	70000.	70000.	0.	0.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/07/67-09/07/67	1	4.845	4.845	4.845	4.845	0.	0.	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			70000.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/07/67-09/07/67	1	9400.	9400.	9400.	9400.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/07/67-09/07/67	1	3.973	3.973	3.973	3.973	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9400.								
70001	COMPOSITE LOCATION IN A CROSS SECTION	09/07/67-09/07/67	1	1122.	1122.	1122.	1122.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0321

				Total	Exceed	Prop.	----------6/01-10/31----------			----------11/01-2/29----------			----------3/01-5/31----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	1	1	1.00	1	1	1.00									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	1	1	1.00	1	1	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0322

NPS Station ID: CHCH0322
LAT/LON: 35.070837/ -85.263615
Agency: 1113S000
Date Created: / /
Location: CITICO CK TRIB NR LATTA ST
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 470081 /TR-CR-2
RMI-Indexes: 1021500 007720 00920 6164
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 465.30 002.40
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 06020001000700.00
RF3 Mile Point: 0.06
Distance from RF3: 0.22
On/Off RF3:
Description:
UNNAMED TRIBUTARY TO CITICO CREEK---AT MILE 2.4. SAMPLES WERE COLLECTED AT THE UPSTREAM END OF THE CULVERT UNDER LATTA STREET. THE STATION IS IMMEDIATELY DOWNSTREAM FROM TECH FINISHING WASTE DISCHARGE AND APPROXIMATELY 50 YARDS UPSTREAM FROM STATION CR-1. STUDY CONDUCTED BY CREW FROM SOUTHEAST WATER LABORATORY IN JUNE 1972. CHARLES SWEATT-PROJECT ENGINEER; TOM BENNETT-CHEMIST.

Parameter Inventory for Station: CHCH0322

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/24/72-06/24/72	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	06/24/72-06/24/72	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/24/72-06/24/72	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/24/72-06/24/72	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/24/72-06/24/72	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	06/24/72-06/24/72	1	235.	235.	235.	235.	0.	0.	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	06/24/72-06/24/72	1	214.	214.	214.	214.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/24/72-06/24/72	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	06/24/72-06/24/72	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/24/72-06/24/72	1	0.13	0.13	0.13	0.13	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/24/72-06/24/72	1	0.65	0.65	0.65	0.65	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/24/72-06/24/72	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/24/72-06/24/72	1	6.1	6.1	6.1	6.1	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/24/72-06/24/72	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	06/24/72-06/24/72	1	130.	130.	130.	130.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	06/24/72-06/24/72	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	06/24/72-06/24/72	1	1050.	1050.	1050.	1050.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	06/24/72-06/24/72	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	06/24/72-06/24/72	1	315.	315.	315.	315.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	06/24/72-06/24/72	1	75.	75.	75.	75.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/24/72-06/24/72	1	17000.	17000.	17000.	17000.	0.	0.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/24/72-06/24/72	1	4.23	4.23	4.23	4.23	0.	0.	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			17000.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/24/72-06/24/72	1	2400.	2400.	2400.	2400.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/24/72-06/24/72	1	3.38	3.38	3.38	3.38	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2400.								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/24/72-06/24/72	1	21.	21.	21.	21.	0.	0.	**	**	**	**
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	06/24/72-06/24/72	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0322

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	1	1.00	1	1	1.00									
01042	COPPER, TOTAL	Fresh Acute	18.	0 &	0	0.00												
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	0 &	0	0.00												
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	1	1	1.00	1	1	1.00									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	1	1	1.00	1	1	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0323

NPS Station ID: CHCH0323
Location: CITICO CR DITCH AT NORTH HICKORY
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM
RMI-Indexes: 1021500 007720 00920 6164
RMI-Miles: 0953.80 0046.50 465.30 002.00
HUC: 06020001
Major Basin: SOUTHEAST
Minor Basin: TENNESSEE RIVER BASIN
RF1 Index: 06020001
RF3 Index: 06020001124001.53
Description:

LAT/LON: 35.070837/ -85.265560

Depth of Water: 0
Elevation: 0

RF1 Mile Point: 0.000
RF3 Mile Point: 1.78

Agency: 1113S090
FIPS State/County: 47065 TENNESSEE/HAMILTON
STORET Station ID(s): 470165 /IP-02
Within Park Boundary: No

Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 8.90
Distance from RF3: 0.02

Date Created: / /

On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: CHCH0323

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

***** Data for this station locked by controlling agency *****

Station Inventory for Station: CHCH0324

NPS Station ID: CHCH0324
Location: CITICO CR SUMP HOL PROP LN N HKY
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM
RMI-Indexes: 1021500 007720 00920 6164
RMI-Miles: 0953.80 0046.50 465.30 002.00
HUC: 06020001
Major Basin: SOUTHEAST
Minor Basin: TENNESSEE RIVER BASIN
RF1 Index: 06020001
RF3 Index: 06020001124001.53
Description:

LAT/LON: 35.070837/ -85.265560
Depth of Water: 0
Elevation: 0
RF1 Mile Point: 0.000
RF3 Mile Point: 1.99

Agency: 1113S090
FIPS State/County: 47065 TENNESSEE/HAMILTON
STORET Station ID(s): 470175 /IP-04
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 8.60
Distance from RF3: 0.02

Date Created: / /
On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: CHCH0324

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

***** Data for this station locked by controlling agency *****

Station Inventory for Station: CHCH0325

NPS Station ID: CHCH0325
LAT/LON: 35.071392/ -85.178892
Agency: 1113S000
Date Created: / /
Location: POE B AT FCA #2 HOLDING POND EFF
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 480185 /TR-PB-2
RMI-Indexes: 1021500 007720 00920 6180 0230 1720
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 008.70 003.10 000.60
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 24.60
On/Off RF1:
RF3 Index: 06020001010402.03
RF3 Mile Point: 2.02
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0325

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/15/68-10/17/68	3	24.	23.833	25.	22.5	1.583	1.258	**	**	**	**
00400	PH (STANDARD UNITS)	10/16/68-10/17/68	2	7.55	7.55	7.7	7.4	0.045	0.212	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/16/68-10/17/68	2	7.525	7.525	7.7	7.4	0.046	0.215	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/16/68-10/17/68	2	0.03	0.03	0.04	0.02	0.	0.014	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/16/68-10/17/68	2	70.5	70.5	72.	69.	4.5	2.121	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/15/68-10/17/68	3	230.	240.	270.	220.	700.	26.458	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/15/68-10/17/68	3	518.	437.	559.	234.	31327.	176.994	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/15/68-10/17/68	3	280.	286.667	320.	260.	933.333	30.551	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	10/16/68-10/17/68	2	5.	5.	5.	5.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0325

				Total	Exceed	Prop.	----------6/01-10/31----------			----------11/01-2/29----------			----------3/01-5/31----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	3	1.00	3	3	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0326

NPS Station ID: CHCH0326 LAT/LON: 35.071392/ -85.263892 Agency: 112WRD Date Created: 10/10/92
Location: CITICO CREEK AT APPLING STREET AT CHATTANOOGA, T FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 03567930
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 06020001 RF1 Mile Point: 0.000 Distance from RF1: 5.00 On/Off RF1:
RF3 Index: 06020001006702.52 RF3 Mile Point: 2.68 Distance from RF3: 0.60 On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0326

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/03/92-03/02/93	19	18.5	15.158	23.	7.5	47.835	6.916	7.5	7.5	22.5	23.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/03/92-06/03/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	06/03/92-03/02/93	18	0.7	0.705	1.	0.03	0.075	0.274	0.057	0.675	0.9	1.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/03/92-03/02/93	19	225.	211.316	310.	135.	1902.339	43.616	160.	165.	240.	265.
00340	COD, .25N K2CR2O7 MG/L	06/03/92-03/02/93	3	49.	48.667	53.	44.	20.333	4.509	**	**	**	**
00400	PH (STANDARD UNITS)	06/03/92-03/02/93	3	8.18	8.06	8.2	7.8	0.051	0.225	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/03/92-03/02/93	3	8.18	8.018	8.2	7.8	0.053	0.231	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/03/92-03/02/93	3	0.007	0.01	0.016	0.006	0.	0.005	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/03/92-03/02/93	3	7.7	7.633	7.7	7.5	0.013	0.115	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/03/92-03/02/93	3	7.7	7.623	7.7	7.5	0.014	0.116	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/03/92-03/02/93	3	0.02	0.024	0.032	0.02	0.	0.007	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/03/92-03/02/93	3	76.	54.333	76.	11.	1408.333	37.528	**	**	**	**
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	06/03/92-03/02/93	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	03/02/93-03/02/93	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/03/92-09/02/92	2	0.165	0.165	0.25	0.08	0.014	0.12	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	03/02/93-03/02/93	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/03/92-09/02/92	2	0.055	0.055	0.07	0.04	0.	0.021	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/03/92-03/02/93	3	0.4	0.6	1.	0.4	0.12	0.346	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/03/92-09/02/92	2	0.565	0.565	0.76	0.37	0.076	0.276	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	03/02/93-03/02/93	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/03/92-03/02/93	3	0.1	0.103	0.15	0.06	0.002	0.045	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/03/92-03/02/93	3	0.05	0.053	0.09	0.02	0.001	0.035	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/03/92-03/02/93	3	15.	14.	15.	12.	3.	1.732	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	06/03/92-03/02/93	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/03/92-03/02/93	3	26.	30.	38.	26.	48.	6.928	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/03/92-03/02/93	3	2.5	2.933	3.9	2.4	0.703	0.839	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/03/92-03/02/93	3	3.	3.333	4.4	2.6	0.893	0.945	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/03/92-03/02/93	3	1.7	1.667	2.2	1.1	0.303	0.551	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/03/92-03/02/93	3	3.	2.967	5.	0.9	4.203	2.05	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	06/03/92-03/02/93	3	15.	13.667	15.	11.	5.333	2.309	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	06/03/92-03/02/93	3	1.	1.167	2.	0.5	0.583	0.764	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	06/03/92-03/02/93	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	06/03/92-03/02/93	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	06/03/92-03/02/93	3	3.	2.5	4.	0.5	3.25	1.803	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	06/03/92-03/02/93	3	11.	10.333	16.	4.	36.333	6.028	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	06/03/92-03/02/93	3	11.	10.	15.	4.	31.	5.568	**	**	**	**
01059	THALLIUM, TOTAL (UG/L AS TL)	06/03/92-03/02/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	06/03/92-03/02/93	3	3.	4.333	7.	3.	5.333	2.309	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0326

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01077	SILVER, TOTAL (UG/L AS AG)	06/03/92-03/02/93	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	06/03/92-03/02/93	3	100.	116.667	150.	100.	833.333	28.868	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	06/03/92-03/02/93	3 ##	1.	0.833	1.	0.5	0.083	0.289	**	**	**	**
30217	DIBROMOMETHANE, WATER, WHOLE, RECOVERABLE UG/L	06/03/92-03/02/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	06/03/92-03/02/93	5	18000.	11224.2	19000.	38.	104023751.2	10199.203	**	**	**	**
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	06/03/92-03/02/93	5	4.255	3.262	4.279	1.58	1.922	1.386	**	**	**	**
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1829.483								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/03/92-03/02/93	5	29000.	31130.	81000.	290.	1145457300.	33844.605	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/03/92-03/02/93	5	4.462	3.809	4.908	2.462	1.433	1.197	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			6435.158								
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	06/03/92-03/02/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	06/03/92-03/02/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	06/03/92-03/02/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
32104	BROMOFORM,WHOLE WATER,UG/L	06/03/92-03/02/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	06/03/92-03/02/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
32106	CHLOROFORM,WHOLE WATER,UG/L	06/03/92-03/02/93	3 ##	0.1	0.133	0.2	0.1	0.003	0.058	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/03/92-03/02/93	3	5.	3.667	5.	1.	5.333	2.309	**	**	**	**
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	06/03/92-03/02/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	06/03/92-03/02/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34200	ACENAPHTHYLENE TOTWUG/L	06/03/92-03/02/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34205	ACENAPHTHENE TOTWUG/L	06/03/92-03/02/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34210	ACROLEIN TOTWUG/L	06/03/92-03/02/93	3 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34215	ACRYLONITRILE TOTWUG/L	06/03/92-03/02/93	3 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34220	ANTHRACENE TOTWUG/L	06/03/92-03/02/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	06/03/92-03/02/93	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	06/03/92-03/02/93	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34247	BENZO-A-PYRENE TOTWUG/L	06/03/92-03/02/93	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	06/03/92-03/02/93	3 ##	0.045	0.045	0.045	0.045	0.	0.	**	**	**	**
34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	06/03/92-03/02/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	06/03/92-03/02/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	06/03/92-03/02/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	06/03/92-03/02/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34301	CHLOROBENZENE TOTWUG/L	06/03/92-03/02/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34311	CHLOROETHANE TOTWUG/L	06/03/92-03/02/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34320	CHRYSENE TOTWUG/L	06/03/92-03/02/93	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34336	DIETHYL PHTHALATE TOTWUG/L	06/03/92-03/02/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34341	DIMETHYL PHTHALATE TOTWUG/L	06/03/92-03/02/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34351	ENDOSULFAN SULFATE TOTWUG/L	06/03/92-03/02/93	3 ##	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
34356	ENDOSULFAN, BETA TOTWUG/L	06/03/92-03/02/93	3 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
34361	ENDOSULFAN, ALPHA TOTWUG/L	06/03/92-03/02/93	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34366	ENDRIN ALDEHYDE TOTWUG/L	06/03/92-03/02/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	06/03/92-03/02/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34376	FLUORANTHENE TOTWUG/L	06/03/92-03/02/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34381	FLUORENE TOTWUG/L	06/03/92-03/02/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	06/03/92-03/02/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34396	HEXACHLOROETHANE TOTWUG/L	06/03/92-03/02/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	06/03/92-03/02/93	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34408	ISOPHORONE TOTWUG/L	06/03/92-03/02/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34413	METHYL BROMIDE TOTWUG/L	06/03/92-03/02/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34418	METHYL CHLORIDE TOTWUG/L	06/03/92-03/02/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34423	METHYLENE CHLORIDE TOTWUG/L	06/03/92-03/02/93	3 ##	0.1	0.933	2.6	0.1	2.083	1.443	**	**	**	**
34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	06/03/92-03/02/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34433	N-NITROSODIPHENYLAMINE TOTWUG/L	06/03/92-03/02/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34438	N-NITROSODIMETHYLAMINE TOTWUG/L	06/03/92-03/02/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34447	NITROBENZENE TOTWUG/L	06/03/92-03/02/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34452	PARACHLOROMETA CRESOL TOTWUG/L	06/03/92-03/02/93	3 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
34461	PHENANTHRENE TOTWUG/L	06/03/92-03/02/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34469	PYRENE TOTWUG/L	06/03/92-03/02/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34475	TETRACHLOROETHYLENE TOTWUG/L	06/03/92-03/02/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	06/03/92-03/02/93	3 ##	0.1	0.6	1.6	0.1	0.75	0.866	**	**	**	**
34496	1,1-DICHLOROETHANE TOTWUG/L	06/03/92-03/02/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34501	1,1-DICHLOROETHYLENE TOTWUG/L	06/03/92-03/02/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	06/03/92-03/02/93	3 ##	0.1	0.167	0.3	0.1	0.013	0.115	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0326

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	06/03/92-03/02/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	06/03/92-03/02/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	06/03/92-03/02/93	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	06/03/92-03/02/93	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34536	1,2-DICHLOROBENZENE TOTWUG/L	06/03/92-03/02/93	3 ##	2.5	1.7	2.5	0.1	1.92	1.386	**	**	**	**
34541	1,2-DICHLOROPROPANE TOTWUG/L	06/03/92-03/02/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	06/03/92-03/02/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	06/03/92-03/02/93	3 ##	2.5	1.7	2.5	0.1	1.92	1.386	**	**	**	**
34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	06/03/92-03/02/93	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34566	1,3-DICHLOROBENZENE TOTWUG/L	06/03/92-03/02/93	3 ##	2.5	1.7	2.5	0.1	1.92	1.386	**	**	**	**
34571	1,4-DICHLOROBENZENE TOTWUG/L	06/03/92-03/02/93	3 ##	2.5	1.7	2.5	0.1	1.92	1.386	**	**	**	**
34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	06/03/92-03/02/93	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34581	2-CHLORONAPHTHALENE TOTWUG/L	06/03/92-03/02/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34586	2-CHLOROPHENOL TOTWUG/L	06/03/92-03/02/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34591	2-NITROPHENOL TOTWUG/L	06/03/92-03/02/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34596	DI-N-OCTYL PHTHALATE TOTWUG/L	06/03/92-03/02/93	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34601	2,4-DICHLOROPHENOL TOTWUG/L	06/03/92-03/02/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34606	2,4-DIMETHYLPHENOL TOTWUG/L	06/03/92-03/02/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34611	2,4-DINITROTOLUENE TOTWUG/L	06/03/92-03/02/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34616	2,4-DINITROPHENOL TOTWUG/L	06/03/92-03/02/93	3 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	06/03/92-03/02/93	3 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34626	2,6-DINITROTOLUENE TOTWUG/L	06/03/92-03/02/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	06/03/92-03/02/93	3 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	06/03/92-03/02/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	06/03/92-03/02/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34646	4-NITROPHENOL TOTWUG/L	06/03/92-03/02/93	3 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	06/03/92-03/02/93	3 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
34668	DICHLORODIFUOROMETHANE TOTWUG/L	06/03/92-03/02/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34671	PCB - 1016 TOTWUG/L	06/03/92-03/02/93	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	06/03/92-03/02/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34696	NAPHTHALENE TOTWUG/L	06/03/92-03/02/93	3 ##	2.5	1.7	2.5	0.1	1.92	1.386	**	**	**	**
34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	06/03/92-03/02/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	06/03/92-03/02/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	06/03/92-03/02/93	3 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
39062	CHLORDANE-CIS ISOMER,WHOLE WATER SAMPL (UG/L)	06/03/92-03/02/93	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39065	CHLORDANE-TRNS ISOMER,WHOLE WATER SAMPL (UG/L)	06/03/92-03/02/93	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	06/03/92-03/02/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	06/03/92-03/02/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	06/03/92-03/02/93	3 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	06/03/92-03/02/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	06/03/92-03/02/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	06/03/92-03/02/93	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	06/03/92-03/02/93	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	06/03/92-03/02/93	3 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	06/03/92-03/02/93	3 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	06/03/92-03/02/93	3 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	06/03/92-03/02/93	3 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	06/03/92-03/02/93	3 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	06/03/92-03/02/93	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	06/03/92-03/02/93	3 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	06/03/92-03/02/93	3 ##	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	06/03/92-03/02/93	3 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	06/03/92-03/02/93	3 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	06/03/92-03/02/93	3 ##	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	06/03/92-03/02/93	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	06/03/92-03/02/93	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	06/03/92-03/02/93	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	06/03/92-03/02/93	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	06/03/92-03/02/93	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	06/03/92-03/02/93	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	06/03/92-03/02/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE(UG/L)	06/03/92-03/02/93	3 ##	2.5	1.7	2.5	0.1	1.92	1.386	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/03/92-03/02/93	3	108.	118.667	141.	107.	374.333	19.348	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0326

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71900	MERCURY, TOTAL (UG/L AS HG)	06/03/92-03/02/93	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	06/03/92-03/02/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77128	STYRENE WHOLE WATER,UG/L	06/03/92-03/02/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77168	1,1-DICHLOROPROPENE WHOLE WATER,UG/L	06/03/92-03/02/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77170	2,2-DICHLOROPROPANE WHOLE WATER,UG/L	06/03/92-03/02/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77173	1,3-DICHLOROPROPANE WHOLE WATER,UG/L	06/03/92-03/02/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77222	1,2,4-TRIMETHYLBENZENE WHOLE WATER,UG/L	06/03/92-03/02/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77223	ISOPROPYLBENZENE WHOLE WATER,UG/L	06/03/92-03/02/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77224	N-PROPYLBENZENE WHOLE WATER,UG/L	06/03/92-03/02/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77226	1,3,5-TRIMETHYLBENZENE WHOLE WATER,UG/L	06/03/92-03/02/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77275	1-METHYL-2-CHLOROBENZENE (O-CHLOR*WHOLE WATER,UG/L	06/03/92-03/02/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77277	1-METHYL-4-CHLOROBENZENE (P-CHLOR*WHOLE WATER,UG/L	06/03/92-03/02/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77342	N-BUTYLBENZENE WHOLE WATER,UG/L	06/03/92-03/02/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77350	SEC-BUTYLBENZENE WHOLE WATER,UG/L	06/03/92-03/02/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77353	TERT-BUTYLBENZENE WHOLE WATER,UG/L	06/03/92-03/02/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77356	1-METHYL-4-ISOPROPYLBENZENE WHOLE WATER,UG/L	06/03/92-03/02/93	3 ##	0.1	0.167	0.3	0.1	0.013	0.115	**	**	**	**
77443	1,2,3-TRICHLOROPROPANE WHOLE WATER,UG/L	06/03/92-03/02/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77562	1,1,1,2-TETRACHLOROETHANE WHOLE WATER,UG/L	06/03/92-03/02/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77613	1,2,3-TRICHLOROBENZENE WHOLE WATER,UG/L	06/03/92-03/02/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	06/03/92-03/02/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77652	1,1,2-TRICHLORO-1,2,2-TRIFLUOROET*WHOLE WATER,UG/L	03/02/93-03/02/93	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
80082	BOD, CARBONACEOUS, 5 DAY, 20 DEG C MG/L	06/03/92-03/02/93	3	17.	15.333	18.5	10.5	18.083	4.252	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	06/03/92-03/02/93	16	41.	54.938	189.	11.	2840.196	53.293	13.8	17.25	58.	173.6
81551	XYLENE WHL WATER SMPL UG/L	06/03/92-03/02/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
81555	BROMOBENZENE WHL WATER SMPL UG/L	06/03/92-03/02/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82625	DIBROMOCHLOROPROPANE, WATER,TOTAL RECOVERABLE,UG/L	06/03/92-03/02/93	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82626	1,2-DIPHENYLHYDRAZINE,WATER,TOTAL RECOVERABLE,UG/L	06/03/92-03/02/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0326

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	3	0	0.00	2	0	0.00				1	0	0.00			
		Other-Lo Lim.	6.5	3	0	0.00	2	0	0.00				1	0	0.00			
00403	PH, LAB	Fresh Chronic	9.	3	0	0.00	2	0	0.00				1	0	0.00			
		Other-Lo Lim.	6.5	3	0	0.00	2	0	0.00				1	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00							1	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	2	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00	2	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00							1	0	0.00			
00720	CYANIDE, TOTAL	Fresh Acute	0.022	3	0	0.00	2	0	0.00				1	0	0.00			
		Drinking Water	0.2	3	0	0.00	2	0	0.00				1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	0	0.00	2	0	0.00				1	0	0.00			
		Drinking Water	250.	3	0	0.00	2	0	0.00				1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	3	0	0.00	2	0	0.00				1	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	3	0	0.00	2	0	0.00				1	0	0.00			
		Drinking Water	50.	3	0	0.00	2	0	0.00				1	0	0.00			
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	3	0	0.00	2	0	0.00				1	0	0.00			
		Drinking Water	4.	0 &	0	0.00												
01027	CADMIUM, TOTAL	Fresh Acute	3.9	3	0	0.00	2	0	0.00				1	0	0.00			
		Drinking Water	5.	3	0	0.00	2	0	0.00				1	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	3	0	0.00	2	0	0.00				1	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	3	0	0.00	2	0	0.00				1	0	0.00			
		Drinking Water	1300.	3	0	0.00	2	0	0.00				1	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	3	0	0.00	2	0	0.00				1	0	0.00			
		Drinking Water	15.	3	1	0.33	2	1	0.50				1	0	0.00			
01059	THALLIUM, TOTAL	Fresh Acute	1400.	3	0	0.00	2	0	0.00				1	0	0.00			
		Drinking Water	2.	0 &	0	0.00												

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0326

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01067	NICKEL, TOTAL	Fresh Acute	1400.	3	0	0.00	2	0	0.00				1	0	0.00			
		Drinking Water	100.	3	0	0.00	2	0	0.00				1	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	3	0	0.00	2	0	0.00				1	0	0.00			
		Drinking Water	100.	3	0	0.00	2	0	0.00				1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	3	1	0.33	2	1	0.50				1	0	0.00			
		Drinking Water	5000.	3	0	0.00	2	0	0.00				1	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	3	0	0.00	2	0	0.00				1	0	0.00			
		Drinking Water	50.	3	0	0.00	2	0	0.00				1	0	0.00			
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	5	3	0.60	3	3	1.00				2	0	0.00			
32101	BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	3	0	0.00	2	0	0.00				1	0	0.00			
32102	CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	3	0	0.00	2	0	0.00				1	0	0.00			
		Drinking Water	5.	3	0	0.00	2	0	0.00				1	0	0.00			
32103	1,2-DICHLOROETHANE,WHOLE WATER	Fresh Acute	118000.	3	0	0.00	2	0	0.00				1	0	0.00			
		Drinking Water	5.	3	0	0.00	2	0	0.00				1	0	0.00			
32104	BROMOFORM, WHOLE WATER	Drinking Water	100.	3	0	0.00	2	0	0.00				1	0	0.00			
32105	DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	3	0	0.00	2	0	0.00				1	0	0.00			
32106	CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	3	0	0.00	2	0	0.00				1	0	0.00			
		Drinking Water	100.	3	0	0.00	2	0	0.00				1	0	0.00			
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	3	0	0.00	2	0	0.00				1	0	0.00			
		Drinking Water	1000.	3	0	0.00	2	0	0.00				1	0	0.00			
34205	ACENAPHTHENE, TOTAL	Fresh Acute	1700.	3	0	0.00	2	0	0.00				1	0	0.00			
34210	ACROLEIN, TOTAL	Fresh Acute	68.	3	0	0.00	2	0	0.00				1	0	0.00			
34215	ACRYLONITRILE, TOTAL	Fresh Acute	7550.	3	0	0.00	2	0	0.00				1	0	0.00			
34301	CHLOROBENZENE, TOTAL	Drinking Water	100.	3	0	0.00	2	0	0.00				1	0	0.00			
34356	ENDOSULFAN, BETA, TOTAL	Fresh Acute	0.22	3	0	0.00	2	0	0.00				1	0	0.00			
34361	ENDOSULFAN, ALPHA, TOTAL	Fresh Acute	0.22	3	0	0.00	2	0	0.00				1	0	0.00			
34371	ETHYLBENZENE, TOTAL	Fresh Acute	32000.	3	0	0.00	2	0	0.00				1	0	0.00			
		Drinking Water	700.	3	0	0.00	2	0	0.00				1	0	0.00			
34376	FLUORANTHENE, TOTAL	Fresh Acute	3980.	3	0	0.00	2	0	0.00				1	0	0.00			
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL	Fresh Acute	7.	3	0	0.00	2	0	0.00				1	0	0.00			
		Drinking Water	50.	3	0	0.00	2	0	0.00				1	0	0.00			
34396	HEXACHLOROETHANE, TOTAL	Fresh Acute	980.	3	0	0.00	2	0	0.00				1	0	0.00			
34403	INDENO (1,2,3-CD) PYRENE, TOTAL	Drinking Water	0.4	0 &	0	0.00												
34408	ISOPHORONE, TOTAL	Fresh Acute	117000.	3	0	0.00	2	0	0.00				1	0	0.00			
34423	METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	3	0	0.00	2	0	0.00				1	0	0.00			
34447	NITROBENZENE, TOTAL	Fresh Acute	27000.	3	0	0.00	2	0	0.00				1	0	0.00			
34452	PARACHLOROMETA CRESOL, TOTAL	Fresh Acute	30.	3	0	0.00	2	0	0.00				1	0	0.00			
34461	PHENANTHRENE, TOTAL	Fresh Acute	30.	3	0	0.00	2	0	0.00				1	0	0.00			
34475	TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	3	0	0.00	2	0	0.00				1	0	0.00			
		Drinking Water	5.	3	0	0.00	2	0	0.00				1	0	0.00			
34501	1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	3	0	0.00	2	0	0.00				1	0	0.00			
34506	1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	3	0	0.00	2	0	0.00				1	0	0.00			
34511	1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	3	0	0.00	2	0	0.00				1	0	0.00			
34536	1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	3	0	0.00	2	0	0.00				1	0	0.00			
34541	1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	3	0	0.00	2	0	0.00				1	0	0.00			
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	3	0	0.00	2	0	0.00				1	0	0.00			
34551	1,2,4-TRICHLOROBENZENE, TOTAL	Drinking Water	70.	3	0	0.00	2	0	0.00				1	0	0.00			
34566	1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	3	0	0.00	2	0	0.00				1	0	0.00			
34571	1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	3	0	0.00	2	0	0.00				1	0	0.00			
34586	2-CHLOROPHENOL, TOTAL	Fresh Acute	4380.	3	0	0.00	2	0	0.00				1	0	0.00			
34601	2,4-DICHLOROPHENOL, TOTAL	Fresh Acute	2020.	3	0	0.00	2	0	0.00				1	0	0.00			
34606	2,4-DIMETHYLPHENOL, TOTAL	Fresh Acute	2120.	3	0	0.00	2	0	0.00				1	0	0.00			
34611	2,4-DINITROTOLUENE, TOTAL	Fresh Acute	330.	3	0	0.00	2	0	0.00				1	0	0.00			
34694	PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	Fresh Acute	10200.	3	0	0.00	2	0	0.00				1	0	0.00			
34696	NAPHTHALENE, TOTAL	Fresh Acute	2300.	3	0	0.00	2	0	0.00				1	0	0.00			
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	3	0	0.00	2	0	0.00				1	0	0.00			
		Drinking Water	1.	0 &	0	0.00												
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	Fresh Acute	2000.	3	0	0.00	2	0	0.00				1	0	0.00			
		Drinking Water	6.	3	0	0.00	2	0	0.00				1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0326

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	3	0	0.00	2	0	0.00				1	0	0.00			
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	3	0	0.00	2	0	0.00				1	0	0.00			
		Drinking Water	5.	3	0	0.00	2	0	0.00				1	0	0.00			
39300	P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	3	0	0.00	2	0	0.00				1	0	0.00			
39310	P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	3	0	0.00	2	0	0.00				1	0	0.00			
39320	P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	3	0	0.00	2	0	0.00				1	0	0.00			
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	3	0	0.00	2	0	0.00				1	0	0.00			
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	3	0	0.00	2	0	0.00				1	0	0.00			
		Drinking Water	0.2	3	0	0.00	2	0	0.00				1	0	0.00			
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	3	0	0.00	2	0	0.00				1	0	0.00			
		Drinking Water	2.	3	0	0.00	2	0	0.00				1	0	0.00			
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	3	0	0.00	2	0	0.00				1	0	0.00			
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	3	0	0.00	2	0	0.00				1	0	0.00			
		Drinking Water	2.	3	0	0.00	2	0	0.00				1	0	0.00			
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	0 &	0	0.00												
		Drinking Water	3.	3	0	0.00	2	0	0.00				1	0	0.00			
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	3	0	0.00	2	0	0.00				1	0	0.00			
		Drinking Water	0.4	3	0	0.00	2	0	0.00				1	0	0.00			
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	3	0	0.00	2	0	0.00				1	0	0.00			
		Drinking Water	0.2	0 &	0	0.00												
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	3	0	0.00	2	0	0.00				1	0	0.00			
		Drinking Water	1.	0 &	0	0.00												
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPL	Fresh Acute	90.	3	0	0.00	2	0	0.00				1	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	3	0	0.00	2	0	0.00				1	0	0.00			
		Drinking Water	2.	3	0	0.00	2	0	0.00				1	0	0.00			
77093	CIS-1,2-DICHLOROETHYLENE, WHOLE WATER	Drinking Water	70.	3	0	0.00	2	0	0.00				1	0	0.00			
77128	STYRENE, WHOLE WATER	Drinking Water	100.	3	0	0.00	2	0	0.00				1	0	0.00			
77651	1,2-DIBROMOETHANE, WHOLE WATER	Drinking Water	0.05	0 &	0	0.00												
82625	DIBROMOCHLOROPROPANE, WATER, TOTAL RECOV	Drinking Water	0.2	0 &	0	0.00												

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0327

NPS Station ID: CHCH0327
LAT/LON: 35.071392/ -85.268892
Agency: 21TNWQ
Date Created: / /
Location: CITICO CREEK
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 000620 /330620 /230620
RMI-Indexes: 1021500 007720 00920 6164
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 465.30 002.30
HUC: 06030003
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER
ECO Region:
RF1 Index: 06030003
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 06020001124001.53
RF3 Mile Point: 2.31
Distance from RF3: 0.09
On/Off RF3:
Description:
BRIDGE ON RIVERSIDE DRIVE NEAR BOSTONTOWN CHURCH

Parameter Inventory for Station: CHCH0327

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/25/65-05/27/65	3	21.	20.667	21.	20.	0.333	0.577	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/25/65-05/27/65	3	7.8	7.767	8.9	6.6	1.323	1.15	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	05/25/65-05/27/65	3	2.1	2.333	2.8	2.1	0.163	0.404	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0327

				Total	Exceed	Prop.	6/01-10/31			11/01-2/29			3/01-5/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	3	0	0.00							3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0328

NPS Station ID: CHCH0328
LAT/LON: 35.071670/ -85.264448
Agency: 1113S090
Date Created: / /
Location: CITICO CR WOOD BRIDGE ON N HICKO
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM
STORET Station ID(s): 470170 /IP-03
RMI-Indexes: 1021500 007720 00920 6164
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 465.30 002.10
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 7.90
On/Off RF1:
RF3 Index: 06020001124001.53
RF3 Mile Point: 1.96
Distance from RF3: 0.07
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0328

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

***** Data for this station locked by controlling agency *****

Station Inventory for Station: CHCH0329

NPS Station ID: CHCH0329
LAT/LON: 35.072226/ -85.388615
Agency: 21TNWQ
Date Created: / /
Location: TENNESSEE RIVER
FIPS State/County: 47115 TENNESSEE/MARION
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 003310 /583310 /233310
RMI-Indexes: 1021500 007720 00920
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 446.10
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER
ECO Region:
RF1 Index: 06020001001
RF1 Mile Point: 28.770
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 06020001000104.44
RF3 Mile Point: 5.00
Distance from RF3: 0.06
On/Off RF3:
Description:
TENNESSEE RIVER MILE 446.1 AT MASSENGALE POINT LIGHT BELOW CHATTANOOGA

Parameter Inventory for Station: CHCH0329

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/14/75-09/29/77	28	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/01/72-08/29/77	54	19.5	18.58	30.	6.2	47.476	6.89	9.5	11.75	25.	27.
00060	FLOW, STREAM, MEAN DAILY CFS	02/12/74-03/22/76	18	33750.	42255.556	107000.	23000.	506929673.203	22515.099	24800.	30225.	40125.	87200.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/14/75-08/09/76	9	35000.	32611.111	43000.	14500.	79486111.111	8915.498	14500.	28000.	40000.	43000.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/01/72-08/29/77	55	7.	11.589	104.	3.	216.667	14.72	3.48	5.	13.	24.
00080	COLOR (PLATINUM-COBALT UNITS)	08/01/72-07/26/77	40	18.	23.15	85.	3.	278.849	16.699	9.1	12.5	28.5	53.2
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	08/01/72-08/29/77	52	40.	54.865	235.	3.	2612.629	51.114	7.9	20.	63.	140.1
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/12/73-03/12/73	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00100	TIME OF TRAVEL (HOURS)	01/09/74-01/09/74	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/01/72-08/29/77	55	8.2	8.34	13.2	4.1	5.001	2.236	5.26	6.2	10.2	11.24
00310	BOD, 5 DAY, 20 DEG C MG/L	08/01/72-08/29/77	55	0.8	0.93	3.1	0.03	0.334	0.578	0.4	0.5	1.1	1.58
00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	09/09/75-09/09/75	1	39586.	39586.	39586.	39586.	0.	0.	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	01/09/74-09/29/77	39	6.	8.35	59.	0.15	89.095	9.439	2.5	4.	10.	14.
00369	CHLORINE DEMAND, 30 MINUTE (MG/L)	03/12/73-03/12/73	1	138.	138.	138.	138.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/01/72-09/29/77	56	7.5	7.369	8.2	6.2	0.136	0.369	6.77	7.285	7.5	7.8
00400	CONVERTED PH (STANDARD UNITS)	08/01/72-09/29/77	56	7.5	7.169	8.2	6.2	0.177	0.421	6.77	7.285	7.5	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/01/72-09/29/77	56	0.032	0.068	0.631	0.006	0.01	0.098	0.016	0.032	0.052	0.171
00403	PH, LAB, STANDARD UNITS SU	08/07/73-08/29/77	3	7.2	7.067	7.7	6.3	0.503	0.709	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/07/73-08/29/77	3	7.2	6.711	7.7	6.3	0.694	0.833	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/07/73-08/29/77	3	0.063	0.195	0.501	0.02	0.071	0.266	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/01/72-08/29/77	55	51.	51.273	90.	10.	121.758	11.034	42.6	47.	58.	61.4
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/01/72-08/29/77	35	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00437	ACIDITY, CO2 (PHENOLPHTHALEIN) (MG/L AS CACO3)	08/01/72-08/29/77	37	3.	2.919	7.	2.	1.577	1.256	2.	2.	3.	4.4
00500	RESIDUE, TOTAL (MG/L)	08/01/72-08/29/77	56	101.	105.375	381.	10.	1763.475	41.994	84.1	95.	110.	124.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	08/01/72-08/29/77	56	91.	89.429	123.	3.	520.831	22.822	60.4	84.	102.	115.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/01/72-08/29/77	56	8.	16.048	342.	0.7	2091.672	45.735	2.	5.	11.75	23.2
00572	BIOMASS, PERIPHYTON (GRAMS PER SQUARE METER)	09/30/76-09/29/77	2	2.982	2.982	4.49	1.474	4.548	2.133	**	**	**	**
00573	BIOMASS, PERIPHYTON,DRY WEIGHT TOTAL (G/M2)	09/30/76-09/29/77	2	8.255	8.255	12.68	3.83	39.161	6.258	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	01/09/74-01/09/74	1	52000.	52000.	52000.	52000.	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/01/72-08/01/72	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/01/72-06/15/76	13	0.24	0.269	0.78	0.02	0.032	0.18	0.064	0.18	0.325	0.624
00621	NITRATE NITROGEN, BOTTOM DEPOS. (MG/KG-N DRY WGT)	09/09/75-09/09/75	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	09/09/75-09/09/75	1	1408.	1408.	1408.	1408.	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/07/73-08/29/77	43	0.35	0.411	3.9	0.005	0.343	0.586	0.005	0.2	0.46	0.552
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	03/12/73-08/29/77	49	0.5	0.622	1.6	0.1	0.13	0.36	0.2	0.4	0.9	1.2
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/01/72-09/29/77	56	0.06	0.09	0.41	0.003	0.008	0.092	0.009	0.03	0.128	0.189

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0329

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	09/09/75-09/09/75	1	530.	530.	530.	530.	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/01/72-04/18/77	10	2.2	2.99	13.	0.	14.114	3.757	0.05	0.5	3.35	12.14
00690	CARBON, TOTAL (MG/L AS C)	03/12/73-03/12/73	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00700	ACIDS, TOTAL VOLATILE (MG/L AS ACETIC ACID)	01/09/74-01/09/74	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00745	SULFIDE, TOTAL (MG/L AS S)	09/18/73-09/18/73	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00746	SULFIDE, DISSOLVED (MG/L AS S)	03/12/73-03/12/73	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00800	NITZSCHIA KUTZINGIANA HILSE (NO/LITER)	01/09/74-01/09/74	1	39.	39.	39.	39.	0.	0.	**	**	**	**
00810	DIV CHRYPTOPHYTA.CLS CHRYPTOPHY-CEAE (NO/LITER)	01/09/74-01/09/74	1	102.	102.	102.	102.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/01/72-08/29/77	55	61.	61.182	87.	25.	92.929	9.64	49.6	58.	65.	72.4
00910	CALCIUM (MG/L AS CACO3)	08/01/72-08/29/77	56	44.15	43.118	59.	9.4	73.982	8.601	35.4	41.25	47.	51.3
00920	MAGNESIUM (MG/L AS CACO3)	08/01/72-08/29/77	56	15.	14.845	24.	1.3	20.317	4.507	8.89	13.	18.	20.
00929	SODIUM, TOTAL (MG/L AS NA)	08/01/72-08/29/77	56	5.35	5.38	10.6	1.	3.355	1.832	3.14	4.025	6.6	7.5
00934	SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	09/09/75-09/09/75	1	100.	100.	100.	100.	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	08/01/72-08/29/77	56	1.55	1.675	6.6	1.	0.616	0.785	1.2	1.3	1.7	2.13
00938	POTASSIUM IN BOTTOM DEPOSITS (MG/KG AS K DRY WGT)	09/09/75-09/09/75	1	882.	882.	882.	882.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/01/72-08/29/77	56	7.	8.321	52.	4.	40.622	6.374	5.	6.	9.	10.
00945	SULFATE, TOTAL (MG/L AS SO4)	08/01/72-09/29/77	56	11.	23.929	705.	1.	8602.322	92.749	7.	9.	14.	17.6
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/01/72-08/29/77	55	0.1	0.094	0.22	0.005	0.003	0.053	0.025	0.06	0.1	0.184
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/12/73-03/12/73	1	9.	9.	9.	9.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	08/01/72-04/18/77	10 ##	7.5	15.75	99.	0.5	874.958	29.58	0.65	2.	11.	90.5
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	09/09/75-09/09/75	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	08/01/72-04/18/77	10	25.	63.5	400.	5.	14189.167	119.118	5.	16.25	42.5	365.
01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	09/09/75-09/09/75	1	70.	70.	70.	70.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	08/01/72-04/18/77	10 ##	1.75	5.25	22.	0.5	54.625	7.391	0.5	0.5	7.5	21.3
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/09/75-09/09/75	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/09/75-09/09/75	1	17.	17.	17.	17.	0.	0.	**	**	**	**
01033	CHROMIUM, TRI-VAL (UG/L AS CR)	03/12/73-03/12/73	1	84.	84.	84.	84.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/01/72-04/18/77	8 ##	2.25	6.438	20.	0.5	72.174	8.496	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/01/72-04/18/77	9	5.	7.611	18.	2.5	33.861	5.819	2.5	4.	12.5	18.
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/09/75-09/09/75	1	39.	39.	39.	39.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	08/01/72-08/29/77	56	400.	626.893	2900.	90.	401757.77	633.844	147.	262.5	675.	1560.
01051	LEAD, TOTAL (UG/L AS PB)	08/01/72-04/18/77	10 ##	12.	14.9	30.	2.5	109.822	10.48	2.5	4.375	25.	29.5
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/09/75-09/09/75	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	09/09/75-09/09/75	1	1032.	1032.	1032.	1032.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	08/01/72-08/29/77	56	50.	67.241	407.	7.5	3496.509	59.131	24.4	40.	77.5	117.7
01067	NICKEL, TOTAL (UG/L AS NI)	08/01/72-04/18/77	10 ##	2.5	9.	50.	2.5	216.944	14.729	2.5	2.5	10.	46.
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/09/75-09/09/75	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/01/72-04/18/77	10	15.	17.2	35.	4.	132.844	11.526	4.1	5.	30.25	34.6
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	09/09/75-09/09/75	1	192.	192.	192.	192.	0.	0.	**	**	**	**
01097	ANTIMONY, TOTAL (UG/L AS SB)	03/12/73-04/18/77	10 ##	15.	28.35	75.	0.5	631.336	25.126	1.45	13.75	53.25	73.8
01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	09/09/75-09/09/75	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	03/12/73-03/12/73	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	09/09/74-09/09/75	2 ##	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	09/09/75-09/09/75	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	09/09/75-09/09/75	1	16538.	16538.	16538.	16538.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/05/72-08/29/77	55	4250.	27288.709	780000.	102.111	21658024.284	105459.272	205.4	580.	20000.	57800.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/05/72-08/29/77	55	3.628	3.546	5.892	2.009	0.808	0.899	2.311	2.763	4.301	4.762
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3512.604								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/05/72-08/29/77	54	251.5	574.074	5260.	13.	957017.579	978.273	43.	119.75	466.75	1598.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/05/72-08/29/77	54	2.401	2.403	3.721	1.114	0.307	0.554	1.628	2.078	2.669	3.201
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			252.653								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	05/01/73-08/29/77	50	58.	161.89	1760.	1.	88316.115	297.18	5.2	18.25	157.	488.6
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	05/01/73-08/29/77	50	1.763	1.718	3.246	0.	0.507	0.712	0.714	1.26	2.196	2.687
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			52.221								
32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	09/29/77-09/29/77	1	134.69	134.69	134.69	134.69	0.	0.	**	**	**	**
32224	PHEOPHYTIN A MG/M2 SPECTROPHOTOMETRIC ACID METH	09/30/76-09/29/77	2	13.28	13.28	18.87	7.69	62.496	7.905	**	**	**	**
32226	CHLOROPHYLL B, PERIPHYTON, SPECTRO, MG/M2	09/29/77-09/29/77	1	41.5	41.5	41.5	41.5	0.	0.	**	**	**	**
32227	CHLOROPHYLL C, PERIPHYTON SPECTO, MG/M2	09/29/77-09/29/77	1	31.63	31.63	31.63	31.63	0.	0.	**	**	**	**
32228	CHLOROPHYLL A, PERIPHYTON, SPECTRO, MG/M2	09/30/76-09/29/77	2	76.01	76.01	135.17	16.85	6999.811	83.665	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	03/12/73-03/12/73	1	43.	43.	43.	43.	0.	0.	**	**	**	**
50064	CHLORINE, FREE AVAILABLE (MG/L)	03/12/73-03/12/73	1	46.	46.	46.	46.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	03/12/73-04/18/77	9 ##	0.1	0.322	0.9	0.1	0.084	0.291	0.1	0.1	0.5	0.9
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/09/75-09/09/75	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0329

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	55	1	0.02	24	0	0.00	17	1	0.06	14	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	55	0	0.00	24	0	0.00	17	0	0.00	14	0	0.00			
00400	PH	Fresh Chronic	9.	56	0	0.00	24	0	0.00	18	0	0.00	14	0	0.00			
		Other-Lo Lim.	6.5	56	1	0.02	24	0	0.00	18	1	0.06	14	0	0.00			
00403	PH, LAB	Fresh Chronic	9.	3	0	0.00	3	0	0.00									
		Other-Lo Lim.	6.5	3	1	0.33	3	1	0.33									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	13	0	0.00	5	0	0.00	4	0	0.00	4	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	43	0	0.00	20	0	0.00	14	0	0.00	9	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	56	0	0.00	25	0	0.00	18	0	0.00	13	0	0.00			
		Drinking Water	250.	56	0	0.00	25	0	0.00	18	0	0.00	13	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	56	1	0.02	25	1	0.04	17	0	0.00	14	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	55	0	0.00	24	0	0.00	18	0	0.00	13	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	10	0	0.00	5	0	0.00	1	0	0.00	4	0	0.00			
		Drinking Water	50.	10	1	0.10	5	0	0.00	1	0	0.00	4	1	0.25			
01007	BARIUM, TOTAL	Drinking Water	2000.	10	0	0.00	5	0	0.00	1	0	0.00	4	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	8 &	2	0.25	4	0	0.00	1	0	0.00	3	2	0.67			
		Drinking Water	5.	8 &	2	0.25	4	0	0.00	1	0	0.00	3	2	0.67			
01033	CHROMIUM, TRI-VAL	Fresh Acute	1700.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	8	0	0.00	5	0	0.00				3	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	9	1	0.11	5	0	0.00	1	0	0.00	3	1	0.33			
		Drinking Water	1300.	9	0	0.00	5	0	0.00	1	0	0.00	3	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	10	0	0.00	5	0	0.00	1	0	0.00	4	0	0.00			
		Drinking Water	15.	7 &	1	0.14	4	0	0.00	1	1	1.00	2	0	0.00			
01067	NICKEL, TOTAL	Fresh Acute	1400.	10	0	0.00	5	0	0.00	1	0	0.00	4	0	0.00			
		Drinking Water	100.	10	0	0.00	5	0	0.00	1	0	0.00	4	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	10	0	0.00	5	0	0.00	1	0	0.00	4	0	0.00			
		Drinking Water	5000.	10	0	0.00	5	0	0.00	1	0	0.00	4	0	0.00			
01097	ANTIMONY, TOTAL	Fresh Acute	88.	10	0	0.00	4	0	0.00	2	0	0.00	4	0	0.00			
		Drinking Water	6.	2 &	1	0.50	1	0	0.00	1	1	1.00						
01147	SELENIUM, TOTAL	Fresh Acute	20.	2	0	0.00	2	0	0.00									
		Drinking Water	50.	2	0	0.00	2	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	54 &	37	0.69	24	18	0.75	17	10	0.59	13	9	0.69			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	53 &	31	0.58	23	13	0.57	17	9	0.53	13	9	0.69			
50064	CHLORINE, FREE AVAILABLE	Fresh Acute	0.019	1	1	1.00							1	1	1.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	9	0	0.00	4	0	0.00	1	0	0.00	4	0	0.00			
		Drinking Water	2.	9	0	0.00	4	0	0.00	1	0	0.00	4	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1972 - Station CHCH0329

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	08/01/72-09/29/77	4	7.5	7.55	7.8	7.4	0.037	0.191	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/01/72-09/29/77	4	7.489	7.521	7.8	7.4	0.038	0.194	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/01/72-09/29/77	4	0.032	0.03	0.04	0.016	0.	0.012	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/01/72-09/29/77	4	0.04	0.043	0.07	0.02	0.	0.022	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/01/72-09/29/77	4	13.5	13.5	15.	12.	1.667	1.291	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1973 - Station CHCH0329

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	08/01/72-09/29/77	7	7.5	7.443	7.6	7.2	0.02	0.14	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/01/72-09/29/77	7	7.5	7.422	7.6	7.2	0.02	0.142	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/01/72-09/29/77	7	0.032	0.038	0.063	0.025	0.	0.014	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/01/72-09/29/77	8	0.085	0.105	0.31	0.003	0.009	0.093	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/01/72-09/29/77	8	10.5	10.	15.	1.	17.714	4.209	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station CHCH0329

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	08/01/72-09/29/77	13	7.5	7.485	7.6	7.3	0.006	0.08	7.34	7.45	7.5	7.6
00400	CONVERTED PH (STANDARD UNITS)	08/01/72-09/29/77	13	7.5	7.477	7.6	7.3	0.006	0.08	7.34	7.45	7.5	7.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/01/72-09/29/77	13	0.032	0.033	0.05	0.025	0.	0.007	0.025	0.032	0.036	0.046
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/01/72-09/29/77	12	0.14	0.156	0.41	0.04	0.011	0.106	0.04	0.087	0.178	0.377
00945	SULFATE, TOTAL (MG/L AS SO4)	08/01/72-09/29/77	12	13.	13.	21.	7.	31.818	5.641	7.	7.25	18.5	21.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station CHCH0329

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	08/01/72-09/29/77	11	7.5	7.364	7.8	6.2	0.169	0.411	6.4	7.4	7.5	7.74
00400	CONVERTED PH (STANDARD UNITS)	08/01/72-09/29/77	11	7.5	7.05	7.8	6.2	0.276	0.526	6.4	7.4	7.5	7.74
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/01/72-09/29/77	11	0.032	0.089	0.631	0.016	0.032	0.18	0.019	0.032	0.04	0.517
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/01/72-09/29/77	11	0.06	0.109	0.4	0.04	0.012	0.107	0.04	0.04	0.13	0.356
00945	SULFATE, TOTAL (MG/L AS SO4)	08/01/72-09/29/77	11	9.	10.364	19.	6.	10.655	3.264	6.6	9.	11.	17.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station CHCH0329

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	08/01/72-09/29/77	12	7.25	7.279	8.2	6.7	0.202	0.45	6.73	6.838	7.575	8.08
00400	CONVERTED PH (STANDARD UNITS)	08/01/72-09/29/77	12	7.247	7.106	8.2	6.7	0.235	0.485	6.73	6.837	7.575	8.08
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/01/72-09/29/77	12	0.057	0.078	0.2	0.006	0.004	0.064	0.009	0.027	0.147	0.187
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/01/72-09/29/77	12	0.025	0.055	0.21	0.005	0.004	0.065	0.005	0.01	0.11	0.183
00945	SULFATE, TOTAL (MG/L AS SO4)	08/01/72-09/29/77	12	11.5	11.667	16.	6.	7.515	2.741	6.9	10.	14.	15.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station CHCH0329

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	08/01/72-09/29/77	9	7.28	7.192	8.	6.55	0.317	0.563	6.55	6.6	7.75	8.
00400	CONVERTED PH (STANDARD UNITS)	08/01/72-09/29/77	9	7.28	6.929	8.	6.55	0.395	0.629	6.55	6.6	7.75	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/01/72-09/29/77	9	0.052	0.118	0.282	0.01	0.013	0.113	0.01	0.019	0.251	0.282
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/01/72-09/29/77	9	0.02	0.032	0.08	0.005	0.001	0.03	0.005	0.008	0.065	0.08
00945	SULFATE, TOTAL (MG/L AS SO4)	08/01/72-09/29/77	9	12.	88.444	705.	7.	53468.778	231.233	7.	8.5	16.5	705.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: CHCH0330

NPS Station ID: CHCH0330 LAT/LON: 35.072503/ -85.159726 Agency: 1113S000 Date Created: / /
Location: SOUTH CHICKAMAUGA CREEK AT FARMERS CHEM DISCHARG FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/IND/PTRTMT/OUTFL/STREAM STORET Station ID(s): 470048 /TR-F-16
RMI-Indexes: 1021500 007720 00920 6180 0230 Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 465.90 008.70 004.20
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN ECO Region:
RF1 Index: 06020001 RF1 Mile Point: 0.000 Distance from RF1: 14.50 On/Off RF1:
RF3 Index: 06020001010400.00 RF3 Mile Point: 1.21 Distance from RF3: 0.77 On/Off RF3:
Description:
FARMERS CHEMICAL COMPANY---SAMPLES WERE COLLECTED AT THE DIS- CHARGE WEIR ROUGHLY 200 FEET ABOVE THE BONNY OAKS ROAD BRIDGE.
THE WASTE FLOWS FOR 1.5 MILES IN AN UNNAMED BRANCH WHERE IT JOINS FRIARS BRANCH AT MILE 2.8.
STUDY CONDUCTED BY CREW FROM SOUTHEAST WATER LABORATORY IN JUNE 1972. CHARLES SWEATT-PROJECT ENGINEER; TOM BENNETT-CHEMIST.

Parameter Inventory for Station: CHCH0330

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/72-06/21/72	2	21.	21.	22.	20.	2.	1.414	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	06/19/72-06/22/72	4	762.5	976.75	1722.	660.	249515.583	499.515	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	06/20/72-06/22/72	3	5.	7.	13.	3.	28.	5.292	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/19/72-06/22/72	4	7.8	7.85	8.4	7.4	0.17	0.412	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/19/72-06/22/72	4	7.8	7.724	8.4	7.4	0.191	0.437	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/19/72-06/22/72	4	0.016	0.019	0.04	0.004	0.	0.015	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/19/72-06/19/72	1	83.	83.	83.	83.	0.	0.	**	**	**	**
00435	ACIDITY, TOTAL (MG/L AS CACO3)	06/19/72-06/19/72	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	06/19/72-06/22/72	4	509.	524.25	718.	361.	21935.583	148.107	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	06/19/72-06/22/72	4	469.5	440.5	521.	302.	9163.	95.724	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/19/72-06/22/72	4	41.5	83.75	240.	12.	11248.25	106.058	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/19/72-06/22/72	4	63.	61.5	84.	36.	537.	23.173	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/19/72-06/22/72	4	85.5	83.25	112.	50.	787.583	28.064	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/19/72-06/22/72	4	75.9	83.075	142.	38.5	2584.423	50.837	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/19/72-06/22/72	4	0.765	0.845	1.16	0.69	0.049	0.222	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/19/72-06/22/72	4	8.	8.	10.	6.	2.667	1.633	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	06/20/72-06/22/72	3	8.	10.333	15.	8.	16.333	4.041	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	06/19/72-06/22/72	4 ##	102.5	115.	230.	25.	11216.667	105.909	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	06/19/72-06/22/72	4 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	06/19/72-06/22/72	4	1637.5	3418.75	9500.	900.	16657239.583	4081.328	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	06/19/72-06/22/72	4 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	06/19/72-06/22/72	4	117.5	185.	425.	80.	26416.667	162.532	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	06/19/72-06/22/72	4	160.	171.25	290.	75.	8289.583	91.047	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/20/72-06/23/72	4 ##	1500.	35752.5	140000.	10.	4830678358.333	69503.082	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/20/72-06/23/72	4 ##	3.151	3.112	5.146	1.	2.882	1.698	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1293.569								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/20/72-06/23/72	4 ##	1500.	1977.5	4900.	10.	4456025.	2110.93	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/20/72-06/23/72	4 ##	3.151	2.748	3.69	1.	1.438	1.199	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			559.508								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0330

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	4	0	0.00	4	0	0.00									
		Other-Lo Lim.	6.5	4	0	0.00	4	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	4	4	1.00	4	4	1.00									
01002	ARSENIC, TOTAL	Fresh Acute	360.	3	0	0.00	3	0	0.00									
		Drinking Water	50.	3	0	0.00	3	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	4	2	0.50	4	2	0.50									
01042	COPPER, TOTAL	Fresh Acute	18.	0 &	0	0.00												
		Drinking Water	1300.	4	0	0.00	4	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	4	0	0.00	4	0	0.00									
		Drinking Water	15.	0 &	0	0.00												
01092	ZINC, TOTAL	Fresh Acute	120.	4	3	0.75	4	3	0.75									
		Drinking Water	5000.	4	0	0.00	4	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	3 &	2	0.67	3	2	0.67									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	3 &	2	0.67	3	2	0.67									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0331

NPS Station ID: CHCH0331
LAT/LON: 35.072781/ -85.263338
Agency: 1113S000
Date Created: / /
Location: CITICO CK TRIB NR TECH FINISHING
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 470084 /TNS-CR-3
RMI-Indexes: 1021500 007720 00920 6164
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 465.30 002.40
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 8.90
On/Off RF1:
RF3 Index: 06020001124001.53
RF3 Mile Point: 1.96
Distance from RF3: 0.02
On/Off RF3:
Description:
UNNAMED TRIBUTARY TO CITICO CREEK---AT MILE 2.4. THIS STATION IS APPROXIMATELY 75 YARDS UPSTREAM FROM TECH FINISHING'S WASTE DISCHARGE.
STUDY CONDUCTED BY CREW FROM SOUTHEAST WATER LABORATORY IN JUNE 1972. CHARLES SWEATT-PROJECT ENGINEER; TOM BENNETT-CHEMIST.

Parameter Inventory for Station: CHCH0331

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00310	BOD, 5 DAY, 20 DEG C MG/L	06/24/72-06/24/72	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/24/72-06/24/72	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/24/72-06/24/72	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/24/72-06/24/72	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	06/24/72-06/24/72	1	240.	240.	240.	240.	0.	0.	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	06/24/72-06/24/72	1	223.	223.	223.	223.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/24/72-06/24/72	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/24/72-06/24/72	1	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/24/72-06/24/72	1	0.71	0.71	0.71	0.71	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/24/72-06/24/72	1	1.79	1.79	1.79	1.79	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/24/72-06/24/72	1	6.55	6.55	6.55	6.55	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/24/72-06/24/72	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	06/24/72-06/24/72	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	06/24/72-06/24/72	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	06/24/72-06/24/72	1	1250.	1250.	1250.	1250.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	06/24/72-06/24/72	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	06/24/72-06/24/72	1	305.	305.	305.	305.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	06/24/72-06/24/72	1	30.	30.	30.	30.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0331

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	0 &	0	0.00												
		Drinking Water	1300.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0331

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	0 &	0	0.00												
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0332

NPS Station ID: CHCH0332
LAT/LON: 35.073059/ -85.161115
Agency: 1113S000
Date Created: / /
Location: FCA DRAIN DITCH #1 HOLDING POND
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 480190 /TR-FCA-8
RMI-Indexes: 1021500 007720 00920 6180 0230 2810
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 008.70 002.80 001.15
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 21.30
On/Off RF1:
RF3 Index: 06020001123800.10
RF3 Mile Point: 0.22
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0332

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/15/68-10/17/68	3	23.5	23.333	25.	21.5	3.083	1.756	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	10/15/68-10/17/68	3	0.9	0.7	1.	0.2	0.19	0.436	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	10/15/68-10/15/68	1	18.3	18.3	18.3	18.3	0.	0.	**	**	**	**
00380	CHLORINE DEMAND, 24 HOUR (MG/L)	10/15/68-10/15/68	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/16/68-10/17/68	2	7.6	7.6	7.7	7.5	0.02	0.141	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/16/68-10/17/68	2	7.589	7.589	7.7	7.5	0.02	0.142	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/16/68-10/17/68	2	0.026	0.026	0.032	0.02	0.	0.008	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/15/68-10/17/68	3	230.	243.333	400.	100.	22633.333	150.444	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/15/68-10/17/68	3	320.	354.	472.	270.	11068.	105.205	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/15/68-10/17/68	3	260.	306.667	430.	230.	11633.333	107.858	**	**	**	**
00685	CARBON, TOTAL INORGANIC (MG/L AS C)	10/15/68-10/15/68	1	3.	3.	3.	3.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0332

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	3	1.00	3	3	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0333

NPS Station ID: CHCH0333
Location: CITICO CR STUART ST AT RR CROSSG
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM
RMI-Indexes: 1021500 007720 00920 6164
RMI-Miles: 0953.80 0046.50 465.30 002.60
HUC: 06020001
Major Basin: SOUTHEAST
Minor Basin: TENNESSEE RIVER BASIN
RF1 Index: 06020001
RF3 Index: 06020001000206.82
Description:

LAT/LON: 35.073892/ -85.255559

Depth of Water: 0
Elevation: 0

RF1 Mile Point: 0.000
RF3 Mile Point: 6.83

Agency: 1113S090
FIPS State/County: 47065 TENNESSEE/HAMILTON
STORET Station ID(s): 470125 /SS-01
Within Park Boundary: No

Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.12

Date Created: / /

On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: CHCH0333

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

***** Data for this station locked by controlling agency *****

Station Inventory for Station: CHCH0334

NPS Station ID: CHCH0334
Location: L&N RR BRIDGE
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes: 1021500 007720 00920 6180
RMI-Miles: 0953.80 0046.50 468.20 003.70
HUC: 06020001
Major Basin: TENNESSEE RIVER BASIN
Minor Basin: SOUTH CHICKAMAUGA CREEK 3.7
RF1 Index: 06020001007
RF3 Index: 06020001010400.00
Description:

LAT/LON: 35.074726/ -85.224170
Depth of Water: 0
Elevation: 0
RF1 Mile Point: 4.880
RF3 Mile Point: 0.01

Agency: 131TVAC
FIPS State/County: 47065 TENNESSEE/HAMILTON
STORET Station ID(s): 475739 /2648
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 3.40
Distance from RF3: 0.02

Date Created: / /
On/Off RF1: ON
On/Off RF3:

Parameter Inventory for Station: CHCH0334

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/26/72-09/27/72	6	1.	1.	1.	1.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/26/72-09/27/72	6	22.2	22.4	23.	22.	0.224	0.473	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/26/72-09/26/72	1	128.	128.	128.	128.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/26/72-09/27/72	6	2.65	2.667	3.	2.5	0.035	0.186	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0334

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	6	6	1.00	6	6	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0335

NPS Station ID: CHCH0335
LAT/LON: 35.075003/ -85.385281
Agency: 131TVAC
Date Created: / /
Location: NICKAJACK RESERVOIR
FIPS State/County: 47115 TENNESSEE/MARION
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475760 /0957
RMI-Indexes: 1021500 007720 00920
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 446.40
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER 446.4
ECO Region:
RF1 Index: 06020001001
RF1 Mile Point: 29.010
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 060200010000103.66
RF3 Mile Point: 3.66
Distance from RF3: 0.07
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0335

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/24/73-09/20/79	246	15.5	17.65	51.	1.	191.012	13.821	1.	5.	30.	40.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/24/73-09/20/79	246	20.65	19.158	26.5	7.2	35.491	5.957	7.37	15.2	24.	25.7
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/24/73-09/20/79	26	5.5	7.277	25.	2.3	26.895	5.186	2.67	3.4	10.	15.
00080	COLOR (PLATINUM-COBALT UNITS)	01/24/73-09/20/79	18	10.	10.611	30.	4.	34.487	5.873	4.9	6.	11.25	16.5
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	01/24/73-12/05/73	14	27.5	33.929	100.	15.	442.995	21.047	17.5	20.	40.	72.5
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	01/24/73-12/05/73	14 ##	0.5	0.571	1.	0.5	0.033	0.182	0.5	0.5	0.5	1.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/24/73-09/20/79	69	170.	160.145	200.	110.	469.096	21.659	140.	140.	175.	190.
00300	OXYGEN, DISSOLVED MG/L	01/24/73-09/20/79	244	7.4	7.525	11.4	5.2	3.028	1.74	5.6	6.	8.4	11.
00310	BOD, 5 DAY, 20 DEG C MG/L	01/24/73-09/20/79	22 ##	0.5	0.795	1.9	0.5	0.192	0.438	0.5	0.5	1.1	1.54
00335	COD, .025N K2CR2O7 MG/L	01/24/73-12/05/73	14	6.	6.143	10.	4.	3.209	1.791	4.	5.	7.25	9.5
00400	PH (STANDARD UNITS)	01/24/73-09/20/79	69	7.3	7.284	7.8	6.3	0.103	0.32	7.	7.	7.4	7.8
00400	CONVERTED PH (STANDARD UNITS)	01/24/73-09/20/79	69	7.3	7.16	7.8	6.3	0.118	0.344	7.	7.	7.4	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/24/73-09/20/79	69	0.05	0.069	0.501	0.016	0.005	0.069	0.016	0.04	0.1	0.1
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/24/73-09/20/79	30	48.5	49.433	61.	37.	37.289	6.106	43.	44.75	55.25	58.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/24/73-09/20/79	30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/24/73-10/24/73	11	100.	100.	120.	80.	140.	11.832	82.	90.	110.	118.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/24/73-09/20/79	26	5.	5.962	15.	1.	13.958	3.736	2.	3.	8.	12.9
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/24/73-09/20/79	30	0.085	0.08	0.21	0.005	0.002	0.049	0.015	0.049	0.1	0.147
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/24/73-09/20/79	30	0.06	0.067	0.16	0.03	0.001	0.031	0.03	0.058	0.08	0.09
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/24/73-09/20/79	30	0.33	0.365	0.6	0.29	0.009	0.096	0.3	0.3	0.355	0.559
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/24/73-09/20/79	30	0.03	0.032	0.059	0.02	0.	0.013	0.02	0.02	0.039	0.058
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/24/73-12/05/73	14	0.026	0.024	0.039	0.005	0.	0.01	0.005	0.018	0.029	0.039
00677	PHOSPHORUS,HYDROLYZABLE + ORTHO,DIS,AUTOANALYZER	04/27/79-09/20/79	13	0.01	0.01	0.02	0.005	0.	0.004	0.005	0.008	0.01	0.016
00916	CALCIUM, TOTAL (MG/L AS CA)	01/24/73-12/05/73	14	19.5	19.286	23.	15.	4.681	2.164	16.	17.75	21.	22.5
00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/24/73-12/05/73	14	4.3	4.457	5.3	4.	0.196	0.443	4.	4.075	4.825	5.25
00929	SODIUM, TOTAL (MG/L AS NA)	01/24/73-12/05/73	14	4.85	6.	12.	4.1	4.874	2.208	4.15	4.575	7.5	10.
00937	POTASSIUM, TOTAL MG/L AS K)	01/24/73-12/05/73	14	1.8	1.821	2.2	1.6	0.025	0.158	1.65	1.7	1.925	2.1
00940	CHLORIDE,TOTAL IN WATER MG/L	01/24/73-12/05/73	14	6.	6.714	10.	4.	3.451	1.858	4.5	5.75	8.25	10.
00945	SULFATE, TOTAL (MG/L AS SO4)	01/24/73-12/05/73	14	12.	12.429	20.	10.	7.495	2.738	10.	10.	14.	17.5
00951	FLUORIDE, TOTAL (MG/L AS F)	01/24/73-12/05/73	14	0.07	0.071	0.09	0.06	0.	0.01	0.06	0.06	0.08	0.09
00956	SILICA, TOTAL (MG/L AS SI02)	01/24/73-12/05/73	14	5.	5.093	5.9	4.2	0.267	0.517	4.3	4.775	5.475	5.9
01045	IRON, TOTAL (UG/L AS FE)	01/24/73-12/05/73	14	540.	575.714	1300.	260.	87641.758	296.044	260.	317.5	762.5	1110.
01046	IRON, DISSOLVED (UG/L AS FE)	01/24/73-12/05/73	14	60.	68.214	140.	25.	1256.181	35.443	25.	43.75	100.	130.
01047	IRON, FERROUS (UG/L AS FE)	01/24/73-12/05/73	14	90.	85.714	160.	30.	1395.604	37.358	35.	55.	112.5	140.
01055	MANGANESE, TOTAL (UG/L AS MN)	01/24/73-12/05/73	14	60.	60.714	80.	30.	253.297	15.915	35.	47.5	72.5	80.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	01/24/73-12/05/73	14	30.	27.857	40.	5.	183.516	13.547	5.	17.5	40.	40.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/24/73-12/05/73	14	595.	1112.5	4400.	5.	1930625.962	1389.47	7.5	17.5	2135.	3800.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/24/73-12/05/73	14	2.765	2.357	3.643	0.699	1.112	1.055	0.849	1.226	3.329	3.574

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0335

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			227.575								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/24/73-12/05/73	14	25.	55.714	180.	5.	4784.066	69.167	5.	5.	102.5	180.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/24/73-12/05/73	14	1.389	1.351	2.255	0.699	0.421	0.648	0.699	0.699	1.985	2.255
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			22.45								
46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	01/24/73-12/05/73	14	66.	66.571	79.	56.	46.264	6.802	57.5	61.	72.25	78.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/07/73-09/20/79	15	90.	88.667	140.	10.	826.667	28.752	46.	80.	100.	128.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0335

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------6/01-10/31---------- Obs	Exceed	Prop.	----------11/01-2/29---------- Obs	Exceed	Prop.	----------3/01-5/31---------- Obs	Exceed	Prop.	----------n/a---------- Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	26	0	0.00	15	0	0.00	6	0	0.00	5	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	244	0	0.00	132	0	0.00	65	0	0.00	47	0	0.00			
00400	PH	Fresh Chronic	9.	69	0	0.00	48	0	0.00	6	0	0.00	15	0	0.00			
		Other-Lo Lim.	6.5	69	1	0.01	48	1	0.02	6	0	0.00	15	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	30	0	0.00	18	0	0.00	6	0	0.00	6	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	14	0	0.00	6	0	0.00	6	0	0.00	2	0	0.00			
		Drinking Water	250.	14	0	0.00	6	0	0.00	6	0	0.00	2	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	14	0	0.00	6	0	0.00	6	0	0.00	2	0	0.00			
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	14	0	0.00	6	0	0.00	6	0	0.00	2	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	14	5	0.36	6	1	0.17	6	4	0.67	2	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	14	0	0.00	6	0	0.00	6	0	0.00	2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0336

NPS Station ID: CHCH0336
LAT/LON: 35.075282/ -85.281393
Agency: 1113S090
Date Created: / /
Location: TENN RIV CONTROL S BANK MI 466.8
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM
STORET Station ID(s): 470120 /TRC-04
RMI-Indexes: 1021500 007720 00920
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 466.80
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001006
RF1 Mile Point: 6.390
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 06020001000206.82
RF3 Mile Point: 6.91
Distance from RF3: 0.12
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0336

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

***** Data for this station locked by controlling agency *****

Station Inventory for Station: CHCH0337

NPS Station ID: CHCH0337
LAT/LON: 35.077226/ -85.250559
Agency: 1113S090
Date Created: / /
Location: CITICO CR DESOTA-ROUAL HAWTHRNST
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM
STORET Station ID(s): 470045 /DSR-02
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001007
RF1 Mile Point: 1.130
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 06020001000700.00
RF3 Mile Point: 0.02
Distance from RF3: 0.05
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0337

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

***** Data for this station locked by controlling agency *****

Station Inventory for Station: CHCH0338

NPS Station ID: CHCH0338
Location: FCA DRAIN DITCH MANHOLE FCA STP
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes: 1021500 007720 00920 6180 0230 2810
RMI-Miles: 0953.80 0046.50 468.20 008.70 002.80 001.50
HUC: 06020001
Major Basin: SOUTHEAST
Minor Basin: TENNESSEE RIVER BASIN
RF1 Index: 06020001
RF3 Index: 06020001123700.00
Description:

LAT/LON: 35.078337/ -85.160281
Depth of Water: 0
Elevation: 0
RF1 Mile Point: 0.000
RF3 Mile Point: 0.87

Agency: 1113S000
FIPS State/County: 47065 TENNESSEE/HAMILTON
STORET Station ID(s): 480195 /TR-FCA-7A
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 24.80
Distance from RF3: 0.03

Date Created: / /
On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: CHCH0338

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/15/68-10/17/68	3	23.5	23.833	25.	23.	1.083	1.041	**	**	**	**
00400	PH (STANDARD UNITS)	10/16/68-10/17/68	2	4.2	4.2	5.5	2.9	3.38	1.838	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/16/68-10/17/68	2	3.2	3.2	5.5	2.9	5.38	2.32	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/16/68-10/17/68	2	631.044	631.044	1258.925	3.162	788470.525	887.959	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/16/68-10/17/68	2	21.4	21.4	21.6	21.2	0.08	0.283	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/16/68-10/17/68	2	38.5	38.5	40.	37.	4.5	2.121	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/16/68-10/17/68	2	34.75	34.75	52.7	16.8	644.405	25.385	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0338

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	2	1.00	2	2	1.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	2	1.00	2	2	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0339

NPS Station ID: CHCH0339
LAT/LON: 35.078337/ -85.260281
Agency: 21TNWQ
Date Created: / /
Location: CITICO CREEK
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 000610 /330610 /230610
RMI-Indexes: 1021500 007720 00920 6164
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 465.30 003.00
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER
ECO Region:
RF1 Index: 06020001007
RF1 Mile Point: 0.820
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 060200011124400.28
RF3 Mile Point: 0.94
Distance from RF3: 0.02
On/Off RF3:
Description:
BRIDGE ON WISDOM ST NEAR ANANICOLA SCHOOL

Parameter Inventory for Station: CHCH0339

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/25/65-05/27/65	3	20.	20.667	22.	20.	1.333	1.155	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/25/65-05/27/65	3	2.	2.033	2.2	1.9	0.023	0.153	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	05/25/65-05/27/65	3	3.4	3.4	3.6	3.2	0.04	0.2	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0339

				Total	Exceed	Prop.	6/01-10/31			11/01-2/29			3/01-5/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	3	3	1.00							3	3	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0340

NPS Station ID: CHCH0340
LAT/LON: 35.079448/ -85.160281
Agency: 1113S000
Date Created: / /
Location: FCA DRAIN DITCH AT FCA STP
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 480200 /TR-FCA-7
RMI-Indexes: 1021500 007720 00920 6180 0230 2810
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 008.70 002.80 001.60
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 22.30
On/Off RF1:
RF3 Index: 06020001123400.00
RF3 Mile Point: 5.85
Distance from RF3: 0.79
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0340

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/15/68-10/17/68	3	22.	22.5	23.5	22.	0.75	0.866	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	10/16/68-10/17/68	2	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/16/68-10/17/68	2	3.6	3.6	3.8	3.4	0.08	0.283	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/16/68-10/17/68	2	3.555	3.555	3.8	3.4	0.084	0.29	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/16/68-10/17/68	2	278.298	278.298	398.107	158.489	28708.357	169.435	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/15/68-10/17/68	3	8.	7.433	12.5	1.8	28.863	5.372	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/15/68-10/17/68	3	9.	9.6	16.3	3.5	41.23	6.421	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/15/68-10/17/68	3	17.8	19.467	23.9	16.7	15.043	3.879	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0340

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	2	1.00	2	2	1.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	3	1.00	3	3	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0341

NPS Station ID: CHCH0341
LAT/LON: 35.080003/ -85.218616
Agency: 1113S000
Date Created: / /
Location: S.CHICKAMAUGA CK AT HWY 58
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 480135 /TR-CC-11
RMI-Indexes: 1021500 007720 00920 6180
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 003.10
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001007
RF1 Mile Point: 3.060
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 06020001000700.00
RF3 Mile Point: 0.12
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0341

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/15/68-10/17/68	3	20.	20.167	20.5	20.	0.083	0.289	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/15/68-10/17/68	3	5.1	5.367	6.4	4.6	0.863	0.929	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	10/15/68-10/15/68	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00380	CHLORINE DEMAND, 24 HOUR (MG/L)	10/15/68-10/15/68	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/16/68-10/17/68	2	7.8	7.8	8.	7.6	0.08	0.283	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/16/68-10/17/68	2	7.755	7.755	8.	7.6	0.084	0.29	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/16/68-10/17/68	2	0.018	0.018	0.025	0.01	0.	0.011	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/16/68-10/17/68	2	134.5	134.5	136.	133.	4.5	2.121	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/15/68-10/16/68	2	3.15	3.15	3.3	3.	0.045	0.212	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/15/68-10/16/68	2	3.32	3.32	3.54	3.1	0.097	0.311	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/15/68-10/16/68	2	3.7	3.7	3.8	3.6	0.02	0.141	**	**	**	**
00685	CARBON, TOTAL INORGANIC (MG/L AS C)	10/15/68-10/15/68	1	11.	11.	11.	11.	0.	0.	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	10/16/68-10/17/68	2	10.	10.	14.	6.	32.	5.657	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0341

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	3	0	0.00	3	0	0.00									
00400	PH	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0342

NPS Station ID: CHCH0342
LAT/LON: 35.080559/ -85.218616
Agency: 131TVAC
Date Created: / /
Location: TN HWY 58 BRIDGE
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475350 /2645
RMI-Indexes: 1021500 007720 00920 6180
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 003.12
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: SOUTH CHICKAMAUGA CREEK 3.12
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 0.60
On/Off RF1:
RF3 Index: 06020001000706.14
RF3 Mile Point: 6.23
Distance from RF3: 0.04
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0342

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/06/67-12/04/73	36	1.	1.222	5.	1.	0.863	0.929	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/06/67-12/04/73	33	20.	18.209	25.6	6.7	27.256	5.221	10.5	13.25	22.25	23.9
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/26/69-12/04/73	22	450.	680.682	2600.	127.	466376.608	682.918	160.	215.75	930.	2098.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/26/69-12/04/73	25	15.	24.96	150.	3.	972.707	31.188	5.	10.	32.5	63.
00080	COLOR (PLATINUM-COBALT UNITS)	09/06/67-12/04/73	27	15.	19.074	60.	2.5	220.744	14.857	4.5	10.	30.	46.
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	01/24/73-12/04/73	14	35.	50.	120.	25.	973.077	31.194	25.	30.	80.	110.
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	01/24/73-12/04/73	14 ##	0.5	1.107	4.	0.5	1.545	1.243	0.5	0.5	1.	4.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/26/69-12/04/73	25	250.	258.4	350.	150.	3314.	57.567	170.	225.	310.	344.
00300	OXYGEN, DISSOLVED MG/L	09/06/67-12/04/73	33	5.	5.558	10.	2.6	5.684	2.384	3.	3.2	7.95	9.16
00303	BOD, 1DAY, 20 DEG C MG/L	09/26/72-09/27/72	6 ##	0.5	0.583	1.	0.5	0.042	0.204	**	**	**	**
00304	BOD, 2 DAY, 20 DEG C MG/L	09/06/67-09/27/72	8	1.7	1.663	2.4	1.1	0.206	0.453	**	**	**	**
00305	BOD, 3 DAY, 20 DEG C MG/L	09/26/72-09/27/72	6	2.2	2.183	2.6	1.7	0.122	0.349	**	**	**	**
00306	BOD, 4 DAY, 20 DEG C MG/L	09/26/72-09/27/72	6	3.2	3.117	3.7	2.2	0.25	0.5	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/06/67-12/04/73	33	2.3	2.624	5.6	1.2	1.275	1.129	1.44	1.85	3.25	4.46
00335	COD, .025N K2CR2O7 MG/L	01/24/73-12/04/73	14	11.	11.214	20.	5.	18.489	4.3	5.5	8.	13.5	19.
00400	PH (STANDARD UNITS)	09/06/67-12/04/73	27	7.5	7.47	8.9	6.8	0.141	0.375	7.08	7.2	7.6	7.8
00400	CONVERTED PH (STANDARD UNITS)	09/06/67-12/04/73	27	7.5	7.357	8.9	6.8	0.154	0.393	7.08	7.2	7.6	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/06/67-12/04/73	27	0.032	0.044	0.158	0.001	0.001	0.032	0.016	0.025	0.063	0.084
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/26/69-12/04/73	25	100.	100.4	130.	46.	566.083	23.793	57.8	90.5	120.	130.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	02/26/69-12/04/73	25	0.	0.36	9.	0.	3.24	1.8	0.	0.	0.	0.
00500	RESIDUE, TOTAL (MG/L)	09/06/67-12/02/69	13	190.	199.231	370.	90.	4524.359	67.263	106.	160.	235.	318.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/06/67-10/23/73	24	150.	154.583	230.	90.	1504.167	38.784	100.	122.5	187.5	210.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/24/73-12/04/73	14	20.	30.	85.	6.	576.462	24.01	6.5	12.75	43.5	77.5
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/06/67-12/04/73	33	0.46	0.497	1.2	0.06	0.084	0.289	0.122	0.295	0.685	0.896
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/06/67-12/04/73	33	0.6	1.226	10.	0.14	5.483	2.342	0.202	0.3	0.82	2.66
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/06/67-09/27/72	19	0.2	0.178	0.5	0.02	0.013	0.115	0.03	0.06	0.24	0.26
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/06/67-09/27/72	19	2.	2.101	4.6	0.03	1.457	1.207	0.57	1.3	3.3	4.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/24/73-12/04/73	14	1.3	1.163	1.8	0.31	0.163	0.404	0.5	0.85	1.4	1.7
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/06/67-12/04/73	27	0.359	0.385	0.685	0.156	0.031	0.177	0.172	0.205	0.522	0.632
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/06/67-12/04/73	26	0.272	0.308	0.587	0.039	0.03	0.173	0.098	0.146	0.456	0.564
00722	CYANIDE, FREE (AMENABLE TO CHLORINATION) MG/L	09/06/67-12/04/73	15 ##	0.005	0.005	0.01	0.005	0.	0.001	0.005	0.005	0.005	0.007
00916	CALCIUM, TOTAL (MG/L AS CA)	02/26/69-12/04/73	25	34.	31.62	43.	17.	40.318	6.35	20.	28.5	35.5	39.
00927	MAGNESIUM, TOTAL (MG/L AS MG)	02/26/69-12/04/73	25	7.	7.504	12.	2.5	6.837	2.615	4.24	5.25	10.	11.4
00929	SODIUM, TOTAL (MG/L AS NA)	02/26/69-12/04/73	25	5.6	5.852	13.	0.6	11.884	3.447	1.36	3.	7.4	12.
00937	POTASSIUM, TOTAL MG/L AS K)	02/26/69-12/04/73	25	2.4	2.224	3.7	0.9	0.609	0.78	1.12	1.6	2.8	3.26
00940	CHLORIDE,TOTAL IN WATER MG/L	02/26/69-12/04/73	25	7.	7.68	15.	4.	8.727	2.954	4.	5.5	10.5	12.
00945	SULFATE, TOTAL (MG/L AS SO4)	09/06/67-12/04/73	27	11.	13.333	28.	7.	35.769	5.981	7.8	9.	16.	25.6
00951	FLUORIDE, TOTAL (MG/L AS F)	02/26/69-12/04/73	25	0.08	0.084	0.13	0.05	0.	0.022	0.06	0.065	0.095	0.13

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0342

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00956	SILICA, TOTAL (MG/L AS SI02)	02/26/69-12/04/73	25	6.	6.156	8.3	3.8	1.351	1.162	4.56	5.35	6.9	7.96
01002	ARSENIC, TOTAL (UG/L AS AS)	01/24/73-12/04/73	14 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01007	BARIUM, TOTAL (UG/L AS BA)	01/24/73-12/04/73	14 ##	50.	53.571	100.	50.	178.571	13.363	50.	50.	50.	75.
01012	BERYLLIUM, TOTAL (UG/L AS BE)	01/24/73-12/04/73	14 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01027	CADMIUM, TOTAL (UG/L AS CD)	01/24/73-12/04/73	14	1.5	3.429	14.	0.5	20.341	4.51	0.5	0.5	4.25	13.
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/06/67-12/04/73	16 ##	2.5	5.313	25.	2.5	59.063	7.685	2.5	2.5	2.5	25.
01042	COPPER, TOTAL (UG/L AS CU)	09/06/67-12/04/73	15 ##	5.	21.333	150.	5.	1355.238	36.814	5.	5.	20.	78.
01045	IRON, TOTAL (UG/L AS FE)	02/26/69-12/04/73	25	680.	862.8	3200.	70.	620304.333	787.594	168.	275.	950.	2280.
01046	IRON, DISSOLVED (UG/L AS FE)	02/26/69-12/04/73	25	100.	102.2	250.	25.	4354.333	65.987	25.	50.	160.	200.
01047	IRON, FERROUS (UG/L AS FE)	02/26/69-12/04/73	25	25.	48.2	180.	10.	2062.25	45.412	16.	25.	60.	142.
01051	LEAD, TOTAL (UG/L AS PB)	01/24/73-12/04/73	14 ##	5.	7.5	25.	5.	29.808	5.46	5.	5.	10.	17.5
01055	MANGANESE, TOTAL (UG/L AS MN)	02/26/69-12/04/73	25	80.	89.2	190.	40.	1241.	35.228	46.	65.	100.	138.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	02/26/69-12/04/73	24	50.	52.5	120.	10.	776.087	27.858	20.	30.	60.	105.
01067	NICKEL, TOTAL (UG/L AS NI)	01/24/73-12/04/73	14 ##	25.	49.643	370.	25.	8501.786	92.205	25.	25.	25.	197.5
01077	SILVER, TOTAL (UG/L AS AG)	01/24/73-12/04/73	14 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01092	ZINC, TOTAL (UG/L AS ZN)	09/06/67-12/04/73	15	40.	43.667	160.	5.	1651.667	40.641	8.	20.	50.	130.
01105	ALUMINUM, TOTAL (UG/L AS AL)	01/24/73-12/04/73	14	1150.	1907.143	5000.	300.	2362252.747	1536.962	500.	875.	3600.	4600.
01147	SELENIUM, TOTAL (UG/L AS SE)	01/24/73-12/04/73	14 ##	0.5	1.536	5.	0.5	2.479	1.575	0.5	0.5	3.	4.5
01501	ALPHA, TOTAL	02/26/69-12/02/69	11 ##	0.5	0.773	3.	0.5	0.568	0.754	0.5	0.5	0.5	2.6
01503	ALPHA, DISSOLVED	02/26/69-12/02/69	11 ##	0.5	0.636	2.	0.5	0.205	0.452	0.5	0.5	0.5	1.7
03501	BETA, TOTAL	02/26/69-12/02/69	11	3.	6.5	18.	0.5	35.45	5.954	0.8	2.	13.	17.2
03503	BETA, DISSOLVED	02/26/69-12/02/69	11	3.	3.	6.	0.5	4.15	2.037	0.5	1.	5.	6.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/06/67-12/04/73	26	1390.	9181.154	140000.	10.	760900298.615	27584.421	135.	235.	4600.	23000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/06/67-12/04/73	26	3.143	3.1	5.146	1.	0.828	0.91	2.022	2.371	3.662	4.354
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1260.259								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/06/67-12/04/73	27	80.	843.704	6700.	5.	2395006.909	1547.581	9.	30.	700.	3280.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/06/67-12/04/73	27	1.903	2.177	3.826	0.699	0.868	0.932	0.94	1.477	2.845	3.514
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			150.473								
32250	OIL, PETROLEUM ETHER EXTRACTABLES (MG/L)	01/24/73-07/30/73	8 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/24/73-10/23/73	7 ##	0.5	0.714	2.	0.5	0.321	0.567	**	**	**	**
46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	02/26/69-12/04/73	25	110.	109.64	150.	53.	608.24	24.663	67.2	96.	130.	144.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/06/73-12/04/73	3	170.	176.667	230.	130.	2533.333	50.332	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	01/24/73-12/04/73	14	0.4	0.386	0.7	0.1	0.027	0.166	0.1	0.3	0.5	0.65

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0342

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	25	3	0.12	11	1	0.09	9	0	0.00	5	2	0.40			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	33	12	0.36	19	12	0.63	9	0	0.00	5	0	0.00			
00400	PH	Fresh Chronic	9.	27	0	0.00	13	0	0.00	9	0	0.00	5	0	0.00			
		Other-Lo Lim.	6.5	27	0	0.00	13	0	0.00	9	0	0.00	5	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	19	0	0.00	13	0	0.00	3	0	0.00	3	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	19	0	0.00	13	0	0.00	3	0	0.00	3	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	14	0	0.00	6	0	0.00	6	0	0.00	2	0	0.00			
00722	CYANIDE, FREE (AMENABLE TO CHLORINATION)	Fresh Acute	0.022	15	0	0.00	7	0	0.00	6	0	0.00	2	0	0.00			
		Drinking Water	0.2	15	0	0.00	7	0	0.00	6	0	0.00	2	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	25	0	0.00	11	0	0.00	9	0	0.00	5	0	0.00			
		Drinking Water	250.	25	0	0.00	11	0	0.00	9	0	0.00	5	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	27	0	0.00	13	0	0.00	9	0	0.00	5	0	0.00			
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	25	0	0.00	11	0	0.00	9	0	0.00	5	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	14	0	0.00	6	0	0.00	6	0	0.00	2	0	0.00			
		Drinking Water	50.	14	0	0.00	6	0	0.00	6	0	0.00	2	0	0.00			
01007	BARIUM, TOTAL	Drinking Water	2000.	14	0	0.00	6	0	0.00	6	0	0.00	2	0	0.00			
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	14	0	0.00	6	0	0.00	6	0	0.00	2	0	0.00			
		Drinking Water	4.	0 &	0	0.00												
01027	CADMIUM, TOTAL	Fresh Acute	3.9	14	3	0.21	6	0	0.00	6	3	0.50	2	0	0.00			
		Drinking Water	5.	14	3	0.21	6	0	0.00	6	3	0.50	2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0342

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01034	CHROMIUM, TOTAL	Drinking Water	100.	16	0	0.00	8	0	0.00	6	0	0.00	2	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	15	6	0.40	7	4	0.57	6	1	0.17	2	1	0.50			
		Drinking Water	1300.	15	0	0.00	7	0	0.00	6	0	0.00	2	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	14	0	0.00	6	0	0.00	6	0	0.00	2	0	0.00			
		Drinking Water	15.	14	1	0.07	6	0	0.00	6	1	0.17	2	0	0.00			
01067	NICKEL, TOTAL	Fresh Acute	1400.	14	0	0.00	6	0	0.00	6	0	0.00	2	0	0.00			
		Drinking Water	100.	14	1	0.07	6	1	0.17	6	0	0.00	2	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	100.	14	0	0.00	6	0	0.00	6	0	0.00	2	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	15	1	0.07	7	0	0.00	6	1	0.17	2	0	0.00			
		Drinking Water	5000.	15	0	0.00	7	0	0.00	6	0	0.00	2	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	14	0	0.00	6	0	0.00	6	0	0.00	2	0	0.00			
		Drinking Water	50.	14	0	0.00	6	0	0.00	6	0	0.00	2	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	26	16	0.62	12	10	0.83	9	2	0.22	5	4	0.80			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	27	13	0.48	12	7	0.58	10	2	0.20	5	4	0.80			
71900	MERCURY, TOTAL	Fresh Acute	2.4	14	0	0.00	6	0	0.00	6	0	0.00	2	0	0.00			
		Drinking Water	2.	14	0	0.00	6	0	0.00	6	0	0.00	2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 6/01 to 10/31 - Station CHCH0342

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/06/67-12/04/73	19	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/06/67-12/04/73	19	22.	21.837	25.6	14.	6.302	2.51	18.9	21.1	23.3	25.
00300	OXYGEN, DISSOLVED MG/L	09/06/67-12/04/73	19	3.3	3.953	7.6	2.6	1.646	1.283	2.8	3.	4.6	5.8
00310	BOD, 5 DAY, 20 DEG C MG/L	09/06/67-12/04/73	19	2.8	3.1	5.6	1.5	1.508	1.228	1.6	1.9	4.2	4.8
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/06/67-12/04/73	19	0.51	0.589	1.2	0.22	0.077	0.277	0.29	0.42	0.72	1.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/06/67-12/04/73	19	0.6	1.572	10.	0.14	8.967	2.995	0.16	0.3	1.1	10.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 2/29 - Station CHCH0342

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/06/67-12/04/73	12	1.	1.667	5.	1.	2.424	1.557	1.	1.	1.	5.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/06/67-12/04/73	9	11.5	11.456	13.9	6.7	5.375	2.318	6.7	9.9	13.25	13.9
00300	OXYGEN, DISSOLVED MG/L	09/06/67-12/04/73	9	8.4	8.	10.	4.3	3.45	1.857	4.3	6.55	9.4	10.
00310	BOD, 5 DAY, 20 DEG C MG/L	09/06/67-12/04/73	9	2.1	1.933	2.7	1.2	0.258	0.507	1.2	1.4	2.3	2.7
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/06/67-12/04/73	9	0.26	0.29	0.73	0.06	0.051	0.227	0.06	0.085	0.46	0.73
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/06/67-12/04/73	9	0.6	0.97	3.1	0.23	0.918	0.958	0.23	0.325	1.425	3.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 3/01 to 5/31 - Station CHCH0342

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/06/67-12/04/73	5	1.	1.	1.	1.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/06/67-12/04/73	5	18.1	16.58	18.9	11.1	10.487	3.238	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/06/67-12/04/73	5	7.3	7.26	8.8	5.6	1.888	1.374	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/06/67-12/04/73	5	1.9	2.06	2.9	1.4	0.353	0.594	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/06/67-12/04/73	5	0.44	0.518	0.83	0.14	0.084	0.29	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/06/67-12/04/73	5	0.31	0.376	0.79	0.19	0.059	0.242	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: CHCH0343

NPS Station ID: CHCH0343 LAT/LON: 35.082781/ -85.276392 Agency: 1113S000 Date Created: / /
Location: TENNESSEE RIVER AT SEABOARD ALLIED MILLING FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM STORET Station ID(s): 470012 /TR-T-05
RMI-Indexes: 1021500 007720 00920 Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 467.70
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN ECO Region:
RF1 Index: 06020001006 RF1 Mile Point: 7.130 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 06020001000604.74 RF3 Mile Point: 4.97 Distance from RF3: 0.05 On/Off RF3:
Description:
SEABOARD ALLIED MILLING---WASH WATER DISCHARGE TO NICKAJACK RESERVOIR AT RM 467.7. SAMPLES WERE COLLECTED FROM THE WASTE STREAM ROUGHLY 100 FEET BEFORE IT ENTERED THE RESERVOIR. STUDY CONDUCTED BY CREW FROM SOUTHEAST WATER LABORATORY IN JUNE 1972.
CHARLES SWEATT-PROJECT ENGINEER; TOM BENNETT-CHEMIST.

Parameter Inventory for Station: CHCH0343

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/72-06/24/72	5	28.	25.8	31.	19.	25.7	5.07	**	**	**	**
00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	06/21/72-06/24/72	4	5.5	10.5	30.	1.	173.667	13.178	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	06/21/72-06/24/72	4	1150.	1675.	3500.	900.	1509166.667	1228.481	**	**	**	**
00400	PH (STANDARD UNITS)	06/20/72-06/24/72	5	5.	5.32	6.2	4.6	0.532	0.729	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/20/72-06/24/72	5	5.	4.978	6.2	4.6	0.678	0.824	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/20/72-06/24/72	5	10.	10.52	25.119	0.631	107.555	10.371	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/20/72-06/24/72	5	4.6	5.26	7.1	4.5	1.223	1.106	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/20/72-06/24/72	5	4.6	4.769	7.1	4.5	1.524	1.235	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/20/72-06/24/72	5	25.119	17.02	31.623	0.079	205.861	14.348	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	06/20/72-06/24/72	5	713.	1049.4	2289.	359.	619279.3	786.943	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	06/20/72-06/24/72	5	477.	662.6	1280.	267.	168396.3	410.361	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/20/72-06/24/72	5	118.	386.8	1420.	68.	337759.2	581.171	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/20/72-06/24/72	5	680.	769.	1750.	85.	370455.	608.65	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	06/20/72-06/24/72	5 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	06/20/72-06/24/72	5	50.	48.6	93.	25.	772.3	27.79	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	06/20/72-06/24/72	5	14750.	13300.	26250.	2000.	86856250.	9319.67	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	06/20/72-06/24/72	5 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	06/20/72-06/24/72	5	440.	674.4	1800.	127.	438694.3	662.34	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	06/20/72-06/24/72	5	175.	202.	315.	150.	4807.5	69.336	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/20/72-06/24/72	5	70000.	660800.	2400000.	11000.	**********	1025539.712	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/20/72-06/24/72	5	4.845	5.137	6.38	4.041	0.948	0.974	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			136952.07								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/20/72-06/24/72	5	33000.	649400.	2400000.	1000.	**********	1034059.621	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/20/72-06/24/72	5	4.519	4.832	6.38	3.	1.802	1.342	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			67860.339								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0343

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	5	0	0.00	5	0	0.00									
		Other-Lo Lim.	6.5	5	5	1.00	5	5	1.00									
00403	PH, LAB	Fresh Chronic	9.	5	0	0.00	5	0	0.00									
		Other-Lo Lim.	6.5	5	4	0.80	5	4	0.80									
01034	CHROMIUM, TOTAL	Drinking Water	100.	5	0	0.00	5	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	3 &	3	1.00	3	3	1.00									
		Drinking Water	1300.	5	0	0.00	5	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	5	0	0.00	5	0	0.00									
		Drinking Water	15.	0 &	0	0.00												
01092	ZINC, TOTAL	Fresh Acute	120.	5	5	1.00	5	5	1.00									
		Drinking Water	5000.	5	0	0.00	5	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	5	5	1.00	5	5	1.00									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	4 &	4	1.00	4	4	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0344

NPS Station ID: CHCH0344
LAT/LON: 35.083059/ -85.158892
Agency: 1113S000
Date Created: / /
Location: FCA DRAIN DITCH AT EAST ACID RD
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 480205 /TR-FCA-6
RMI-Indexes: 1021500 007720 00920 6180 0230 2810
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 008.70 002.80 001.85
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 21.70
On/Off RF1:
RF3 Index: 06020001123700.00
RF3 Mile Point: 0.96
Distance from RF3: 0.11
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0344

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/15/68-10/17/68	3	30.	29.333	30.	28.	1.333	1.155	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	10/15/68-10/17/68	3	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/16/68-10/16/68	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/16/68-10/16/68	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/16/68-10/16/68	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/15/68-10/17/68	3	240.	223.333	270.	160.	3233.333	56.862	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/15/68-10/17/68	3	256.	232.667	275.	167.	3324.333	57.657	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/15/68-10/17/68	3	250.	276.667	350.	230.	4133.333	64.291	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0344

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	3	1.00	3	3	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0345

NPS Station ID: CHCH0345
LAT/LON: 35.084171/ -85.275559
Agency: 1113S090
Date Created: / /
Location: TENN RIV SEABORN-ALLIED EFF S BK
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM
STORET Station ID(s): 470085 /SA-01
RMI-Indexes: 1021500 007720 00920
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 467.70
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001006
RF1 Mile Point: 7.130
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 06020001000604.74
RF3 Mile Point: 4.99
Distance from RF3: 0.07
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0345

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

***** Data for this station locked by controlling agency *****

Station Inventory for Station: CHCH0346

NPS Station ID: CHCH0346
LAT/LON: 35.085281/ -85.263892
Agency: 1113S000
Date Created: / /
Location: CITICO CK TRIB RIVERSIDE DR BRDG
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 470078
RMI-Indexes: 1021500 007720 00920 6164
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 465.30 002.40
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001007
RF1 Mile Point: 0.500
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 06020001124000.60
RF3 Mile Point: 1.12
Distance from RF3: 0.09
On/Off RF3:
Description:
UNNAMED TRIBUTARY TO CITICO CREEK---AT MILE 2.4. SAMPLES WERE COLLECTED ON THE UPSTREAM SIDE OF RIVERSIDE DRIVE BRIDGE.
STUDY CONDUCTED BY CREW FROM SOUTHEAST WATER LABORATORY IN JUNE 1972. CHARLES SWEATT-PROJECT ENGINEER; TOM BENNETT-CHEMIST.

Parameter Inventory for Station: CHCH0346

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00310	BOD, 5 DAY, 20 DEG C MG/L	06/23/72-06/23/72	1	4.6	4.6	4.6	4.6	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/23/72-06/23/72	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/23/72-06/23/72	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/23/72-06/23/72	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	06/23/72-06/23/72	1	415.	415.	415.	415.	0.	0.	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	06/23/72-06/23/72	1	241.	241.	241.	241.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/23/72-06/23/72	1	174.	174.	174.	174.	0.	0.	**	**	**	**
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	06/23/72-06/23/72	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/23/72-06/23/72	1	0.28	0.28	0.28	0.28	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/23/72-06/23/72	1	0.93	0.93	0.93	0.93	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/23/72-06/23/72	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/23/72-06/23/72	1	3.9	3.9	3.9	3.9	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/23/72-06/23/72	1	9.	9.	9.	9.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	06/23/72-06/23/72	1	350.	350.	350.	350.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	06/23/72-06/23/72	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	06/23/72-06/23/72	1	7800.	7800.	7800.	7800.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	06/23/72-06/23/72	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	06/23/72-06/23/72	1	615.	615.	615.	615.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	06/23/72-06/23/72	1	65.	65.	65.	65.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/23/72-06/23/72	1	22000.	22000.	22000.	22000.	0.	0.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/23/72-06/23/72	1	4.342	4.342	4.342	4.342	0.	0.	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			22000.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/23/72-06/23/72	1	2700.	2700.	2700.	2700.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/23/72-06/23/72	1	3.431	3.431	3.431	3.431	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2700.								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/23/72-06/23/72	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	06/23/72-06/23/72	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0346

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	1	1.00	1	1	1.00									
01042	COPPER, TOTAL	Fresh Acute	18.	0 &	0	0.00												
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	0 &	0	0.00												
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	1	1	1.00	1	1	1.00									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	1	1	1.00	1	1	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0347

NPS Station ID: CHCH0347
LAT/LON: 35.085837/ -85.325282
Agency: 131TVAC
Date Created: / /
Location: ROAD CROSSING 0.45 NW OF VALDEAU
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475754 /2528
RMI-Indexes: 1021500 007720 00920 6053 0010
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 455.40 000.40 000.91
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: STRINGERS BRANCH 0.91
ECO Region:
RF1 Index: 06020001002
RF1 Mile Point: 3.620
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 06020001000301.03
RF3 Mile Point: 1.02
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0347

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/23/73-12/05/73	13	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/23/73-12/05/73	13	15.6	15.823	22.2	12.8	6.697	2.588	12.88	13.6	16.6	20.88
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/23/73-12/05/73	11	7.	8.727	35.	3.	79.218	8.9	3.2	4.	8.	29.8
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/23/73-12/05/73	13	3.	4.692	10.	2.	9.731	3.119	2.	2.	7.5	10.
00080	COLOR (PLATINUM-COBALT UNITS)	01/23/73-12/05/73	13	5.	5.385	10.	2.5	5.048	2.247	2.5	5.	5.	10.
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	01/23/73-12/05/73	13	15.	13.846	30.	5.	63.141	7.946	5.	5.	17.5	28.
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	01/23/73-12/05/73	13 ##	0.5	0.538	1.	0.5	0.019	0.139	0.5	0.5	0.5	0.8
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/23/73-12/05/73	13	290.	273.846	320.	220.	942.308	30.697	220.	255.	295.	312.
00300	OXYGEN, DISSOLVED MG/L	01/23/73-12/05/73	13	8.3	8.531	10.7	6.2	1.172	1.083	6.72	8.05	9.25	10.22
00310	BOD, 5 DAY, 20 DEG C MG/L	01/23/73-12/05/73	13 ##	0.5	1.108	3.	0.5	0.701	0.837	0.5	0.5	1.8	2.68
00335	COD, .025N K2CR2O7 MG/L	01/23/73-12/05/73	13	4.	4.615	8.	3.	3.09	1.758	3.	3.	6.	7.6
00400	PH (STANDARD UNITS)	01/23/73-12/05/73	13	7.2	7.123	7.6	6.5	0.13	0.361	6.54	6.85	7.45	7.6
00400	CONVERTED PH (STANDARD UNITS)	01/23/73-12/05/73	13	7.2	6.983	7.6	6.5	0.151	0.389	6.54	6.85	7.45	7.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/23/73-12/05/73	13	0.063	0.104	0.316	0.025	0.008	0.091	0.025	0.036	0.142	0.29
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/23/73-12/05/73	13	120.	116.692	130.	77.	292.231	17.095	82.2	110.	130.	130.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/23/73-12/05/73	13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/23/73-10/24/73	11	170.	168.182	200.	130.	396.364	19.909	134.	150.	180.	198.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/23/73-12/05/73	13	6.	6.923	18.	3.	21.577	4.645	3.	3.5	9.	16.4
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/23/73-12/05/73	13	0.1	0.14	0.46	0.015	0.017	0.129	0.015	0.028	0.23	0.38
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/23/73-12/05/73	13	0.05	0.099	0.46	0.01	0.016	0.127	0.014	0.02	0.12	0.376
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/23/73-12/05/73	13	1.2	1.192	1.4	1.	0.017	0.132	1.	1.1	1.3	1.36
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/23/73-12/05/73	13	0.059	0.084	0.359	0.013	0.009	0.092	0.013	0.025	0.106	0.27
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/23/73-12/05/73	13	0.02	0.059	0.284	0.01	0.006	0.077	0.01	0.013	0.096	0.214
00722	CYANIDE, FREE (AMENABLE TO CHLORINATION) MG/L	01/23/73-12/05/73	13 ##	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.005	0.01
00916	CALCIUM, TOTAL (MG/L AS CA)	01/23/73-12/05/73	13	46.	47.923	63.	30.	82.244	9.069	35.2	43.	55.5	62.6
00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/23/73-12/05/73	13	5.8	5.831	6.8	4.1	0.616	0.785	4.46	5.35	6.55	6.72
00929	SODIUM, TOTAL (MG/L AS NA)	01/23/73-12/05/73	13	4.3	4.4	5.9	3.4	0.373	0.611	3.6	4.	4.7	5.54
00937	POTASSIUM, TOTAL MG/L AS K)	01/23/73-12/05/73	13	1.5	1.577	2.3	1.1	0.104	0.322	1.14	1.4	1.75	2.18
00940	CHLORIDE,TOTAL IN WATER MG/L	01/23/73-12/05/73	13	6.	6.538	9.	6.	0.769	0.877	6.	6.	7.	8.2
00945	SULFATE, TOTAL (MG/L AS SO4)	01/23/73-12/05/73	13	9.	9.462	14.	5.	4.769	2.184	6.2	8.	10.5	13.2
00951	FLUORIDE, TOTAL (MG/L AS F)	01/23/73-12/05/73	13	0.07	0.069	0.08	0.05	0.	0.01	0.054	0.06	0.08	0.08
00956	SILICA, TOTAL (MG/L AS SI02)	01/23/73-12/05/73	13	6.	5.823	6.9	4.1	0.687	0.829	4.46	5.05	6.5	6.82
01002	ARSENIC, TOTAL (UG/L AS AS)	01/23/73-12/05/73	13 ##	2.5	3.269	10.	2.5	4.567	2.137	2.5	2.5	2.5	8.
01007	BARIUM, TOTAL (UG/L AS BA)	01/23/73-12/05/73	13 ##	50.	50.	50.	50.	0.	0.	50.	50.	50.	50.
01012	BERYLLIUM, TOTAL (UG/L AS BE)	01/23/73-12/05/73	13 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01027	CADMIUM, TOTAL (UG/L AS CD)	01/23/73-12/05/73	13	2.	2.615	7.	0.5	6.006	2.451	0.5	0.5	4.5	7.
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/23/73-12/05/73	13 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01042	COPPER, TOTAL (UG/L AS CU)	01/23/73-12/05/73	13 ##	5.	10.769	40.	5.	107.692	10.377	5.	5.	15.	32.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0347

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01045	IRON, TOTAL (UG/L AS FE)	01/23/73-12/05/73	13	190.	523.077	3700.	100.	940839.744	969.969	108.	145.	475.	2488.
01046	IRON, DISSOLVED (UG/L AS FE)	01/23/73-12/05/73	13 ##	25.	35.	80.	25.	300.	17.321	25.	25.	50.	68.
01047	IRON, FERROUS (UG/L AS FE)	01/23/73-12/05/73	13	50.	65.385	160.	20.	1593.59	39.92	20.	40.	85.	140.
01051	LEAD, TOTAL (UG/L AS PB)	01/23/73-12/05/73	13 ##	5.	9.231	50.	5.	153.526	12.391	5.	5.	7.5	34.
01055	MANGANESE, TOTAL (UG/L AS MN)	01/23/73-12/05/73	13	120.	124.615	190.	80.	860.256	29.33	88.	110.	140.	182.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	01/23/73-12/05/73	13	100.	112.308	180.	80.	869.231	29.483	80.	95.	125.	172.
01067	NICKEL, TOTAL (UG/L AS NI)	01/23/73-12/05/73	13 ##	25.	25.	25.	25.	0.	0.	25.	25.	25.	25.
01077	SILVER, TOTAL (UG/L AS AG)	01/23/73-12/05/73	13 ##	5.	5.385	10.	5.	1.923	1.387	5.	5.	5.	8.
01092	ZINC, TOTAL (UG/L AS ZN)	01/23/73-12/05/73	13	30.	35.385	80.	10.	426.923	20.662	10.	20.	50.	72.
01105	ALUMINUM, TOTAL (UG/L AS AL)	01/23/73-12/05/73	13 ##	100.	307.692	1000.	100.	109102.564	330.307	100.	100.	500.	960.
01147	SELENIUM, TOTAL (UG/L AS SE)	01/23/73-12/05/73	13 ##	0.5	1.231	7.	0.5	3.192	1.787	0.5	0.5	1.	5.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/23/73-12/05/73	13	570.	10307.692	119000.	120.	1068030569.231	32680.737	120.	260.	2650.	72920.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/23/73-12/05/73	13	2.756	3.003	5.076	2.079	0.657	0.811	2.079	2.399	3.417	4.477
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1006.308								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/23/73-12/05/73	13	140.	1050.769	12000.	40.	10828974.359	3290.741	40.	65.	240.	7300.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/23/73-12/05/73	13	2.146	2.209	4.079	1.602	0.404	0.636	1.602	1.778	2.38	3.407
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			161.807								
32250	OIL, PETROLEUM ETHER EXTRACTABLES (MG/L)	01/23/73-07/31/73	7 ##	5.	5.714	10.	5.	3.571	1.89	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	02/27/73-12/05/73	6 ##	0.5	1.5	4.	0.5	2.5	1.581	**	**	**	**
46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	01/23/73-12/05/73	13	140.	142.462	180.	92.	552.103	23.497	107.2	130.	165.	176.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/07/73-12/05/73	2	130.	130.	170.	90.	3200.	56.569	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	01/23/73-12/05/73	13 ##	0.1	0.323	1.1	0.1	0.135	0.368	0.1	0.1	0.55	1.06

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0347

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	13	0	0.00	6	0	0.00	4	0	0.00	3	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	13	0	0.00	6	0	0.00	4	0	0.00	3	0	0.00			
00400	PH	Fresh Chronic	9.	13	0	0.00	6	0	0.00	4	0	0.00	3	0	0.00			
		Other-Lo Lim.	6.5	13	1	0.08	6	1	0.17	4	0	0.00	3	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	13	0	0.00	6	0	0.00	4	0	0.00	3	0	0.00			
00722	CYANIDE, FREE (AMENABLE TO CHLORINATION)	Fresh Acute	0.022	13	0	0.00	6	0	0.00	4	0	0.00	3	0	0.00			
		Drinking Water	0.2	13	0	0.00	6	0	0.00	4	0	0.00	3	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	13	0	0.00	6	0	0.00	4	0	0.00	3	0	0.00			
		Drinking Water	250.	13	0	0.00	6	0	0.00	4	0	0.00	3	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	13	0	0.00	6	0	0.00	4	0	0.00	3	0	0.00			
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	13	0	0.00	6	0	0.00	4	0	0.00	3	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	13	0	0.00	6	0	0.00	4	0	0.00	3	0	0.00			
		Drinking Water	50.	13	0	0.00	6	0	0.00	4	0	0.00	3	0	0.00			
01007	BARIUM, TOTAL	Drinking Water	2000.	13	0	0.00	6	0	0.00	4	0	0.00	3	0	0.00			
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	13	0	0.00	6	0	0.00	4	0	0.00	3	0	0.00			
		Drinking Water	4.	0 &	0	0.00												
01027	CADMIUM, TOTAL	Fresh Acute	3.9	13	3	0.23	6	2	0.33	4	1	0.25	3	0	0.00			
		Drinking Water	5.	13	3	0.23	6	2	0.33	4	1	0.25	3	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	13	0	0.00	6	0	0.00	4	0	0.00	3	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	13	3	0.23	6	2	0.33	4	0	0.00	3	1	0.33			
		Drinking Water	1300.	13	0	0.00	6	0	0.00	4	0	0.00	3	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	13	0	0.00	6	0	0.00	4	0	0.00	3	0	0.00			
		Drinking Water	15.	13	1	0.08	6	1	0.17	4	0	0.00	3	0	0.00			
01067	NICKEL, TOTAL	Fresh Acute	1400.	13	0	0.00	6	0	0.00	4	0	0.00	3	0	0.00			
		Drinking Water	100.	13	0	0.00	6	0	0.00	4	0	0.00	3	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	1 &	1	1.00				1	1	1.00						
		Drinking Water	100.	13	0	0.00	6	0	0.00	4	0	0.00	3	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	13	0	0.00	6	0	0.00	4	0	0.00	3	0	0.00			
		Drinking Water	5000.	13	0	0.00	6	0	0.00	4	0	0.00	3	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	13	0	0.00	6	0	0.00	4	0	0.00	3	0	0.00			
		Drinking Water	50.	13	0	0.00	6	0	0.00	4	0	0.00	3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0347

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	13	6	0.46	6	3	0.50	4	2	0.50	3	1	0.33			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	13	5	0.38	6	3	0.50	4	1	0.25	3	1	0.33			
71900	MERCURY, TOTAL	Fresh Acute	2.4	13	0	0.00	6	0	0.00	4	0	0.00	3	0	0.00			
		Drinking Water	2.	13	0	0.00	6	0	0.00	4	0	0.00	3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0348

NPS Station ID: CHCH0348
LAT/LON: 35.086670/ -85.278615
Agency: 112WRD
Date Created: / /
Location: TENNESSEE RIVER AT CHATTANOOGA, TN
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 03568000
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 06020001006403.40
RF3 Mile Point: 4.30
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0348

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/67-02/14/97	11	22.5	18.9	28.5	7.8	64.448	8.028	7.84	10.	25.	28.24
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/14/97-02/14/97	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	05/28/96-02/14/97	6	749.5	749.833	754.	745.	13.367	3.656	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	08/10/67-09/16/68	3	34000.	30666.667	44000.	14000.	233333333.333	15275.252	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/24/76-07/31/85	2	38750.	38750.	41600.	35900.	16245000.	4030.509	**	**	**	**
00065	STAGE, STREAM (FEET)	12/17/96-02/14/97	2	17.185	17.185	18.6	15.77	4.004	2.001	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/10/67-09/16/68	3	5.	5.	5.	5.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/10/67-02/14/97	10	171.5	175.8	220.	158.	358.178	18.926	158.2	160.	185.5	217.3
00300	OXYGEN, DISSOLVED MG/L	10/17/96-02/14/97	3	10.9	9.833	11.1	7.5	4.093	2.023	**	**	**	**
00400	PH (STANDARD UNITS)	08/10/67-02/14/97	9	7.6	7.673	7.86	7.5	0.02	0.141	7.5	7.55	7.8	7.86
00400	CONVERTED PH (STANDARD UNITS)	08/10/67-02/14/97	9	7.6	7.653	7.86	7.5	0.02	0.143	7.5	7.55	7.8	7.86
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/10/67-02/14/97	9	0.025	0.022	0.032	0.014	0.	0.007	0.014	0.016	0.028	0.032
00403	PH, LAB, STANDARD UNITS SU	05/28/96-02/14/97	6	7.8	7.783	8.	7.6	0.018	0.133	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	05/28/96-02/14/97	6	7.8	7.767	8.	7.6	0.018	0.134	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/28/96-02/14/97	6	0.016	0.017	0.025	0.01	0.	0.005	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/18/68-09/16/68	2	58.	58.	59.	57.	2.	1.414	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/10/67-09/16/68	3	69.	69.333	72.	67.	6.333	2.517	**	**	**	**
00452	CARBONATE,WATER,DISS,INCR TIT, FIELD, AS CO3, MG/L	07/16/96-02/14/97	5	0.	0.	0.	0.	0.	0.	**	**	**	**
00453	BICARBONATE,WATER,DISS,INCR TIT,FIELD,AS HCO3,MG/L	05/28/96-02/14/97	6	74.	73.833	81.	68.	20.967	4.579	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/28/96-02/14/97	6	0.045	0.048	0.09	0.02	0.001	0.025	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/28/96-02/14/97	6	0.015	0.014	0.02	0.005	0.	0.007	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	05/28/96-02/14/97	6 ##	0.2	0.233	0.4	0.1	0.023	0.151	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/28/96-02/14/97	6	0.25	0.317	0.8	0.1	0.07	0.264	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/28/96-02/14/97	6	0.25	0.3	0.5	0.2	0.016	0.126	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/28/96-02/14/97	6	0.02	0.05	0.19	0.01	0.005	0.069	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/28/96-02/14/97	6 ##	0.005	0.023	0.09	0.005	0.001	0.034	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/28/96-02/14/97	6	0.02	0.027	0.08	0.005	0.001	0.028	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/28/96-12/17/96	5	1.6	1.92	3.2	1.5	0.517	0.719	**	**	**	**
00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	05/28/96-12/17/96	5	0.5	0.64	1.4	0.3	0.193	0.439	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/10/67-09/16/68	3	74.	74.	82.	66.	64.	8.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/18/68-09/16/68	2	20.	20.	23.	17.	18.	4.243	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/10/67-02/14/97	9	20.	20.667	26.	17.	7.5	2.739	17.	19.	22.5	26.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/10/67-02/14/97	9	4.6	4.344	5.2	3.	0.533	0.73	3.	3.75	4.9	5.2
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/10/67-02/14/97	9	6.1	6.844	12.8	5.1	5.645	2.376	5.1	5.3	7.15	12.8
00931	SODIUM ADSORPTION RATIO	03/18/68-09/16/68	2	0.45	0.45	0.6	0.3	0.045	0.212	**	**	**	**
00932	SODIUM, PERCENT	03/18/68-09/16/68	2	21.	21.	25.	17.	32.	5.657	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/10/67-02/14/97	9	1.4	1.378	1.6	1.1	0.034	0.186	1.1	1.2	1.55	1.6
00940	CHLORIDE,TOTAL IN WATER MG/L	08/10/67-02/14/97	9	7.	8.667	24.	5.	34.5	5.874	5.	6.	8.5	24.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0348

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00945	SULFATE, TOTAL (MG/L AS SO4)	08/10/67-02/14/97	9	12.	13.222	20.	11.	8.444	2.906	11.	11.	14.5	20.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/28/96-02/14/97	6 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/10/67-02/14/97	9	4.9	4.644	5.8	2.	1.66	1.289	2.	3.8	5.6	5.8
01046	IRON, DISSOLVED (UG/L AS FE)	08/10/67-02/14/97	9	7.	33.722	220.	1.5	4962.194	70.443	1.5	4.5	25.	220.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/28/96-02/14/97	6	4.	4.833	10.	3.	7.367	2.714	**	**	**	**
04024	PROPACHLOR,DISSOLVED,WATER,TOTAL RECOVERABLE UG/L	05/28/96-02/14/97	6 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
04028	BUTYLATE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	05/28/96-02/14/97	6 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
04029	BROMACIL, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	07/16/96-12/17/96	4 ##	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
04035	SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	05/28/96-02/14/97	6	0.006	0.006	0.011	0.003	0.	0.003	**	**	**	**
04041	CYANAZINE,DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	05/28/96-02/14/97	6 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
04095	FONOFOS, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	05/28/96-02/14/97	6 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	05/28/96-02/14/97	5	9.	25.4	88.	4.	1262.8	35.536	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	05/28/96-02/14/97	5	0.954	1.116	1.944	0.602	0.281	0.53	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			13.062								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/28/96-02/14/97	5	19.	31.6	90.	8.	1096.3	33.11	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/28/96-02/14/97	5	1.279	1.351	1.954	0.903	0.145	0.38	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			22.419								
34253	A-BHC-ALPHA DISSUG/L	05/28/96-02/14/97	6 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
34653	P,P'-DDE DISSUG/L	05/28/96-02/14/97	6 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34790	SURFACTANTS, AS CTAS, WATER MG/L	10/16/96-10/16/96	1	7.	7.	7.	7.	0.	0.	**	**	**	**
34795	ANTIMONY,SED,BOT,	10/16/96-10/16/96	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
34800	ARSENIC,SED,BOT,WET SIEVE,	10/16/96-10/16/96	1	9.6	9.6	9.6	9.6	0.	0.	**	**	**	**
34805	BARIUM,SED,BOT,	10/16/96-10/16/96	1	560.	560.	560.	560.	0.	0.	**	**	**	**
34810	BERYLLIUM,SED,BOT,WET SIEVE,	10/16/96-10/16/96	1	2.	2.	2.	2.	0.	0.	**	**	**	**
34816	BISMUTH,SED,BOT,WET SIEVE,	10/16/96-10/16/96	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34825	CADMIUM,SED,BOT,	10/16/96-10/16/96	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
34830	CALCIUM,SED,BOT,	10/16/96-10/16/96	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
34835	CERIUM,SED,BOT,	10/16/96-10/16/96	1	140.	140.	140.	140.	0.	0.	**	**	**	**
34840	CHROMIUM,SED,BOT,	10/16/96-10/16/96	1	68.	68.	68.	68.	0.	0.	**	**	**	**
34845	COBALT,SED,BOT,	10/16/96-10/16/96	1	25.	25.	25.	25.	0.	0.	**	**	**	**
34850	COPPER,SED,BOT,	10/16/96-10/16/96	1	34.	34.	34.	34.	0.	0.	**	**	**	**
34855	EUROPIUM,SED,BOT,	10/16/96-10/16/96	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34860	GALLIUM,SED,BOT,	10/16/96-10/16/96	1	21.	21.	21.	21.	0.	0.	**	**	**	**
34870	GOLD,SED,BOT,	10/16/96-10/16/96	1 ##	4.	4.	4.	4.	0.	0.	**	**	**	**
34875	HOLMIUM,SED,BOT,	10/16/96-10/16/96	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34880	IRON,SED,BOT,	10/16/96-10/16/96	1	4.	4.	4.	4.	0.	0.	**	**	**	**
34885	LANTHANUM,SED,BOT,	10/16/96-10/16/96	1	76.	76.	76.	76.	0.	0.	**	**	**	**
34890	LEAD,SED,BOT,	10/16/96-10/16/96	1	48.	48.	48.	48.	0.	0.	**	**	**	**
34895	LITHIUM,SED,BOT,	10/16/96-10/16/96	1	40.	40.	40.	40.	0.	0.	**	**	**	**
34900	MAGNESIUM,SED,BOT,	10/16/96-10/16/96	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
34905	MANGANESE,SED,BOT,	10/16/96-10/16/96	1	2300.	2300.	2300.	2300.	0.	0.	**	**	**	**
34910	MERCURY,SED,BOT,	10/16/96-10/16/96	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
34915	MOLYBDENUM,SED,BOT,	10/16/96-10/16/96	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34920	NEODYMIUM,SED,BOT,	10/16/96-10/16/96	1	67.	67.	67.	67.	0.	0.	**	**	**	**
34925	NICKEL,SED,BOT,	10/16/96-10/16/96	1	33.	33.	33.	33.	0.	0.	**	**	**	**
34930	NIOBIUM,SED,BOT,	10/16/96-10/16/96	1	23.	23.	23.	23.	0.	0.	**	**	**	**
34935	PHOSPHORUS,SED,BOT,	10/16/96-10/16/96	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
34940	POTASSIUM,SED,BOT,	10/16/96-10/16/96	1	2.	2.	2.	2.	0.	0.	**	**	**	**
34945	SCANDIUM,SED,BOT,	10/16/96-10/16/96	1	13.	13.	13.	13.	0.	0.	**	**	**	**
34950	SELENIUM,SED,BOT,	10/16/96-10/16/96	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34955	SILVER,SED,BOT,	10/16/96-10/16/96	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34960	SODIUM,SED,BOT,	10/16/96-10/16/96	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
34965	STRONTIUM,SED,BOT,	10/16/96-10/16/96	1	82.	82.	82.	82.	0.	0.	**	**	**	**
34970	SULFUR,SED,BOT,	10/16/96-10/16/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34975	TANTALUM,SED,BOT,	10/16/96-10/16/96	1 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
34980	THORIUM,SED,BOT,	10/16/96-10/16/96	1	17.	17.	17.	17.	0.	0.	**	**	**	**
34985	TIN,SED,BOT,	10/16/96-10/16/96	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
35000	URANIUM,SED,BOT,	10/16/96-10/16/96	1	4.8	4.8	4.8	4.8	0.	0.	**	**	**	**
35005	VANADIUM,SED,BOT,	10/16/96-10/16/96	1	92.	92.	92.	92.	0.	0.	**	**	**	**
35010	YTTRIUM,SED,BOT,	10/16/96-10/16/96	1	46.	46.	46.	46.	0.	0.	**	**	**	**
35015	YTTERBIUM,SED,BOT,	10/16/96-10/16/96	1	4.	4.	4.	4.	0.	0.	**	**	**	**
35020	ZINC,SED,BOT,	10/16/96-10/16/96	1	270.	270.	270.	270.	0.	0.	**	**	**	**
38442	DICAMBA (BANVEL) WATER,DISSUG/L	07/16/96-12/17/96	4 ##	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0348

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
38478	LINURON WATER,DISSUG/L	07/16/96-12/17/96	4 ##	0.009	0.009	0.009	0.009	0.	0.	**	**	**	**
38482	MCPA WATER,DISSUG/L	07/16/96-12/17/96	4 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
38487	MCPB WATER,DISSUG/L	07/16/96-12/17/96	4 ##	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
38501	METHIOCARB WATER,DISSUG/L	07/16/96-12/17/96	4 ##	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
38538	PROPOXUR WATER,DISSUG/L	07/16/96-12/17/96	4 ##	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
38711	BENTAZON WATER, DISUG/L	07/16/96-12/17/96	4 ##	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
38746	2,4-DB WATER, DISUG/L	07/16/96-12/17/96	4 ##	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
38811	FLUOMETURON WATER, DISUG/L	07/16/96-12/17/96	4 ##	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
38866	OXAMYL WATER, DISUG/L	07/16/96-12/17/96	4 ##	0.009	0.009	0.009	0.009	0.	0.	**	**	**	**
38933	CHLORPYRIFOS,DISSOLVED UG/L	05/28/96-02/14/97	6 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	05/28/96-02/14/97	6	60.5	60.667	67.	55.	17.067	4.131	**	**	**	**
39341	GAMMA-BHC(LINDANE),DISSOLVED,UG/L	05/28/96-02/14/97	6 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	05/28/96-02/14/97	6 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39415	METOLACHLOR, WATER, DISSOLVED UG/L	05/28/96-02/14/97	5	0.01	0.011	0.02	0.007	0.	0.005	**	**	**	**
39532	MALATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	05/28/96-02/14/97	6 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
39542	PARATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	05/28/96-02/14/97	6 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39572	DIAZINON IN FILT. FRAC. OF WATER SAMPLE (UG/L)	05/28/96-02/14/97	6 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39632	ATRAZINE DISSOLVED IN WATER PPB	05/28/96-02/14/97	6	0.035	0.033	0.05	0.01	0.	0.016	**	**	**	**
39732	2,4-D IN FILT. FRAC. OF WATER SAMPLE (UG/L)	07/16/96-12/17/96	4 ##	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
39742	2,4,5-T IN FILT. FRAC. OF WATER SAMPLE (UG/L)	07/16/96-12/17/96	4 ##	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
39762	SILVEX IN FILT. FRAC. OF WATER SAMPLE (UG/L)	07/16/96-12/17/96	4 ##	0.011	0.011	0.011	0.011	0.	0.	**	**	**	**
46342	ALACHLOR (LASSO), WATER, DISSOLVED UG/L	05/28/96-02/14/97	6 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
49235	TRICLOPYR,RECOVERABLE,WATER,FILTER,GF,0.7U UG/L	07/16/96-12/17/96	4 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49236	PROPHAM, RECOVERABLE,WATER,FILTER,GF,0.7U UG/L	07/16/96-12/17/96	4 ##	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
49260	ACETOCHLOR, RECOVERABLE, WATER, FILTERED UG/L	05/28/96-02/14/97	5 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
49266	CARBON,ORGANIC,DRY WEIGHT,SEDIMENT,RECV,SIEVE	10/16/96-10/16/96	1	1.52	1.52	1.52	1.52	0.	0.	**	**	**	**
49267	CARBON,ORGANIC+INORGANIC,DRYWT,RECV,SIEVE	10/16/96-10/16/96	1	1.53	1.53	1.53	1.53	0.	0.	**	**	**	**
49269	CARBON,INORGANIC, DRY WT, SEDIMENT,RECV,SIEVE	10/16/96-10/16/96	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
49274	TITANIUM, DRY WT, SIEVE	10/16/96-10/16/96	1	0.63	0.63	0.63	0.63	0.	0.	**	**	**	**
49291	PICLORAM,RECV,FILTERED,WATER,GF,0.7U UG/L	07/16/96-12/17/96	4 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49292	ORYZALIN,RECV,FILTERED,WATER,GF,0.7U UG/L	07/16/96-12/17/96	4 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
49293	NORFLURAZON,RECV,FILTERED,WATER,GF,0.7U UG/L	07/16/96-12/17/96	4 ##	0.012	0.012	0.012	0.012	0.	0.	**	**	**	**
49294	NEBURON,RECV,FILTERED,WATER,GF,0.7U UG/L	07/16/96-12/17/96	4 ##	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
49295	NAPTHOL,1-,RECV,FILTERED,WATER,GF,0.7U UG/L	07/16/96-12/17/96	4 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
49296	METHOMYL,RECV,FILTERED,WATER,GF,0.7U UG/L	07/16/96-12/17/96	4 ##	0.009	0.009	0.009	0.009	0.	0.	**	**	**	**
49297	FENURON,RECV,FILTERED,WATER,GF,0.7U UG/L	07/16/96-12/17/96	4 ##	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
49298	ESFENVALERATE,RECV,FILTERED,WATER,GF,0.7U UG/L	07/16/96-12/17/96	4 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
49299	CRESOL,O-,RECV,FILTERED,WATER,GF,0.7U UG/L	07/16/96-12/17/96	4 ##	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
49300	DIURON, RECV,FILTERED, WATER, GF, 0.7U UG/L	07/16/96-12/17/96	4 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
49301	DINOSEB, RECV, FILTERED, WATER, GF, 0.7U UG/L	07/16/96-12/17/96	4 ##	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
49302	DICHLORPROP,RECV,FILTERED,WATER,GF,0.7U UG/L	07/16/96-12/17/96	4 ##	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
49303	DICHLOBENIL,RECV,FILTERED,WATER,GF,0.7U UG/L	07/16/96-12/17/96	4 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
49304	DACTHAL, RECV,FILTERED,WATER,GF,0.7U UG/L	07/16/96-12/17/96	4 ##	0.009	0.009	0.009	0.009	0.	0.	**	**	**	**
49305	CLOPYRALID,RECV,FILTERED,WATER,GF,0.7U UG/L	07/16/96-12/17/96	4 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49306	CHLOROTHALONIL,RECV,FILTERED,WATER,GF,0.7U UG/L	07/16/96-12/17/96	4 ##	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
49307	AMIBEN, RECV,FILTERED,WATER,GF,0.7U UG/L	07/16/96-12/17/96	4 ##	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
49308	HYDROXYCARBOFURAN,3-,RECV,FILT,WATER,GF,0.7U UG/L	07/16/96-12/17/96	4 ##	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
49309	CARBOFURAN,RECV,FILTERED,WATER,GF,0.7U UG/L	07/16/96-12/17/96	4 ##	0.014	0.014	0.014	0.014	0.	0.	**	**	**	**
49310	CARBARYL,RECV,FILTERED,WATER,GF,0.7U UG/L	07/16/96-12/17/96	4 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
49311	BROMOXYNIL,RECV,FILTERED,WATER,GF,0.7U UG/L	07/16/96-12/17/96	4 ##	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
49312	ALDICARB, RECV,FILTERED,WATER,GF,0.7U UG/L	07/16/96-12/17/96	4 ##	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
49313	ALDICARB SULFONE,RECV,FILTERED,GF,0.7U UG/L	07/16/96-12/17/96	4 ##	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
49314	ALDICARB SULFOXIDE,RECV,FILTERED,GF,0.7U UG/L	07/16/96-12/17/96	4 ##	0.011	0.011	0.011	0.011	0.	0.	**	**	**	**
49315	ACIFLUORFEN,RECV,FILTERED,WATER,GF,0.7U UG/L	07/16/96-12/17/96	4 ##	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/10/67-02/14/97	9	105.	106.444	144.	88.	294.278	17.155	88.	93.	114.5	144.
70302	SOLIDS, DISSOLVED-TONS PER DAY	03/18/68-09/16/68	2	7720.	7720.	10000.	5440.	10396800.	3224.407	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	03/18/68-09/16/68	2	0.175	0.175	0.2	0.15	0.001	0.035	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	05/28/96-09/30/96	3	85.	84.	85.	82.	3.	1.732	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/10/67-09/16/68	3	2.2	1.933	2.4	1.2	0.413	0.643	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	05/28/96-09/30/96	3	7.	7.	8.	6.	1.	1.	**	**	**	**
82630	METRIBUZIN (SENCOR), WATER, DISSOLVED UG/L	05/28/96-02/14/97	6 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82660	DIETHYLANILINE, 2, 6-,0.7UM FILT,TOT RECV,WTR UG/L	05/28/96-02/14/97	6 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82661	TRIFLURALINE, 0.7UM FILT,TOT RECV, WATER UG/L	05/28/96-02/14/97	6 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0348

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82663	ETHALFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	05/28/96-02/14/97	6 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82664	PHORATE, 0.7 UM FILT, TOT RECV, WATER UG/L	05/28/96-02/14/97	6 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82665	TERBACIL, 0.7 UM FILT, TOT RECV, WATER UG/L	05/28/96-02/14/97	6 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
82666	LINURON, 0.7 UM FILT, TOT RECV, WATER UG/L	05/28/96-02/14/97	6 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82667	METHYL PARATHION,0.7 UM FILT,TOT RECV,WATER UG/L	05/28/96-02/14/97	6 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
82668	EPTC, 0.7 UM FILT, TOT RECV, WATER UG/L	05/28/96-02/14/97	6 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82669	PEBULATE, 0.7 UM FILT, TOT RECV, WATER UG/L	05/28/96-02/14/97	6 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82670	TEBUTHIURON, 0.7 UM FILT, TOT RECV, WATER UG/L	05/28/96-02/14/97	6	0.02	0.019	0.03	0.005	0.	0.008	**	**	**	**
82671	MOLINATE, 0.7 UM FILT, TOT RECV, WATER UG/L	05/28/96-02/14/97	6 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82672	ETHOPROP, 0.7 UM FILT, TOT RECV, WATER UG/L	05/28/96-02/14/97	6 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82673	BENFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	05/28/96-02/14/97	6 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82674	CARBOFURAN, 0.7 UM FILT, TOT RECV, WATER UG/L	05/28/96-02/14/97	6 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82675	TERBUFOS, 0.7 UM FILT, TOT RECV, WATER UG/L	05/28/96-02/14/97	6 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82676	PRONAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	05/28/96-02/14/97	6 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82677	DISULFOTON, 0.7 UM FILT, TOT RECV, WATER UG/L	05/28/96-02/14/97	6 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
82678	TRIALLATE, 0.7 UM FILT, TOT RECV, WATER UG/L	05/28/96-02/14/97	6 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82679	PROPANIL, 0.7 UM FILT, TOT RECV, WATER UG/L	05/28/96-02/14/97	6 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82680	CARBARYL, 0.7 UM FILT, TOT RECV, WATER UG/L	05/28/96-02/14/97	6 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82681	THIOBENCARB, 0.7 UM FILT, TOT RECV, WATER UG/L	05/28/96-02/14/97	6 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82682	DCPA, 0.7 UM FILT, TOT RECV, WATER UG/L	05/28/96-02/14/97	6 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82683	PENDIMETHALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	05/28/96-02/14/97	6 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82684	NAPROPAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	05/28/96-02/14/97	6 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82685	PROPARGITE, 0.7 UM FILT, TOT RECV, WATER UG/L	05/28/96-02/14/97	6 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82686	METHYL AZINPHOS, 0.7 UM FILT, TOT RECV, WATER UG/L	05/28/96-02/14/97	6 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82687	PERMETHRIN, CIS, 0.7 UM FILT, TOT RECV, WATER UG/L	05/28/96-02/14/97	6 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0348

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	3	0	0.00	1	0	0.00	2	0	0.00						
00400	PH	Fresh Chronic	9.	9	0	0.00	5	0	0.00	2	0	0.00	2	0	0.00			
		Other-Lo Lim.	6.5	9	0	0.00	5	0	0.00	2	0	0.00	2	0	0.00			
00403	PH, LAB	Fresh Chronic	9.	6	0	0.00	3	0	0.00	2	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	6	0	0.00	3	0	0.00	2	0	0.00	1	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	6	0	0.00	3	0	0.00	2	0	0.00	1	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	6	0	0.00	3	0	0.00	2	0	0.00	1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	9	0	0.00	5	0	0.00	2	0	0.00	2	0	0.00			
		Drinking Water	250.	9	0	0.00	5	0	0.00	2	0	0.00	2	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	9	0	0.00	5	0	0.00	2	0	0.00	2	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	6	0	0.00	3	0	0.00	2	0	0.00	1	0	0.00			
04035	SIMAZINE, DISSOLVED, WATER, TOTAL RECOVE	Drinking Water	4.	6	0	0.00	3	0	0.00	2	0	0.00	1	0	0.00			
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	5	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00			
34653	P,P'-DDE, DISSOLVED	Fresh Acute	1050.	6	0	0.00	3	0	0.00	2	0	0.00	1	0	0.00			
38866	OXAMYL, DISSOLVED	Drinking Water	200.	4	0	0.00	3	0	0.00	1	0	0.00						
38933	CHLORPYRIFOS, DISSOLVED	Fresh Acute	0.083	6	0	0.00	3	0	0.00	2	0	0.00	1	0	0.00			
39341	GAMMA-BHC(LINDANE), DISSOLVED	Fresh Acute	2.	6	0	0.00	3	0	0.00	2	0	0.00	1	0	0.00			
		Drinking Water	0.2	6	0	0.00	3	0	0.00	2	0	0.00	1	0	0.00			
39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE	Fresh Acute	2.5	6	0	0.00	3	0	0.00	2	0	0.00	1	0	0.00			
39542	PARATHION IN FILT. FRAC. OF WATER SAMPLE	Fresh Acute	0.065	6	0	0.00	3	0	0.00	2	0	0.00	1	0	0.00			
39632	ATRAZINE DISSOLVED IN WATER	Drinking Water	3.	6	0	0.00	3	0	0.00	2	0	0.00	1	0	0.00			
39732	2,4-D IN FILT. FRAC. OF WATER SAMPLE	Drinking Water	70.	4	0	0.00	3	0	0.00	1	0	0.00						
39762	SILVEX IN FILT. FRAC. OF WATER SAMPLE	Drinking Water	50.	4	0	0.00	3	0	0.00	1	0	0.00						
46342	ALACHLOR (LASSO), WATER, DISSOLVED	Drinking Water	2.	6	0	0.00	3	0	0.00	2	0	0.00	1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	3	0	0.00	2	0	0.00				1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0349

NPS Station ID: CHCH0349 LAT/LON: 35.086670/ -85.327781 Agency: 11EPALES Date Created: / /
Location: STRINGERS BRACH FIPS State/County: 47000 TENNESSEE/
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 4717C1
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: T/NICKAJCK LAKE Elevation: 0 Water Body Id:
Minor Basin: U S HWY 127 BRDG AT SILVER CR CHURCH ECO Region:
RF1 Index: 06020001006 RF1 Mile Point: 2.340 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 06020001006700.00 RF3 Mile Point: 0.05 Distance from RF3: 0.03 On/Off RF3:
Description:
U S HWY 127 BRIDGE AT SILVER CREEK CHURCH 0.6 MI W OF US HWY 27

Parameter Inventory for Station: CHCH0349

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/14/73-03/26/74	13	0.046	0.096	0.288	0.02	0.008	0.088	0.022	0.033	0.192	0.251
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/14/73-03/26/74	13	0.01	0.012	0.036	0.003	0.	0.01	0.003	0.005	0.017	0.032
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/14/73-03/26/74	13	1.06	1.082	1.4	0.83	0.029	0.17	0.87	0.96	1.15	1.4
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/14/73-03/26/74	13	0.2	0.506	1.6	0.05	0.266	0.516	0.05	0.095	1.	1.42
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/14/73-03/26/74	13	1.09	1.094	1.4	0.84	0.028	0.166	0.88	0.965	1.16	1.4
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/14/73-03/26/74	13	0.055	0.12	0.44	0.015	0.022	0.148	0.017	0.028	0.138	0.44
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/14/73-03/26/74	13	0.035	0.06	0.192	0.011	0.004	0.063	0.011	0.015	0.086	0.189

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0349

				Total	Exceed	Prop.	----------6/01-10/31----------			----------11/01-2/29----------			----------3/01-5/31----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	13	0	0.00	5	0	0.00	5	0	0.00	3	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	13	0	0.00	5	0	0.00	5	0	0.00	3	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	13	0	0.00	5	0	0.00	5	0	0.00	3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0350

NPS Station ID: CHCH0350
Location: SO CHICK CR MOCCASIN BUSHING EFF
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM
RMI-Indexes: 1021500 007720 00920 6180
RMI-Miles: 0953.80 0046.50 468.20 000.70
HUC: 06020001
Major Basin: SOUTHEAST
Minor Basin: TENNESSEE RIVER BASIN
RF1 Index: 06020001007
RF3 Index: 06020001000700.00
Description:

LAT/LON: 35.087226/ -85.257781

Depth of Water: 0
Elevation: 0

RF1 Mile Point: 0.600
RF3 Mile Point: 0.00

Agency: 1113S090
FIPS State/County: 47065 TENNESSEE/HAMILTON
STORET Station ID(s): 470145 /MB-01
Within Park Boundary: No

Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.09

Date Created: / /

On/Off RF1: ON
On/Off RF3:

Parameter Inventory for Station: CHCH0350

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

***** Data for this station locked by controlling agency *****

Station Inventory for Station: CHCH0351

NPS Station ID: CHCH0351
LAT/LON: 35.087226/ -85.261670
Agency: 1113S090
Date Created: / /
Location: SO CHICK CR AMNICOLA BRIDGE MDST
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM
STORET Station ID(s): 470095 /SCC-02
RMI-Indexes: 1021500 007720 00920 6180
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 168.20 000.60
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001007
RF1 Mile Point: 0.500
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 06020001000700.00
RF3 Mile Point: 0.00
Distance from RF3: 0.10
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0351

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

***** Data for this station locked by controlling agency *****

Station Inventory for Station: CHCH0352

NPS Station ID: CHCH0352 LAT/LON: 35.087503/ -85.261116 Agency: 11EPALES Date Created: / /
Location: CHICKAMAUGA CREEK FIPS State/County: 47000 TENNESSEE/
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 4717L1
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: T/NICKAJACK LAKE Elevation: 0 Water Body Id:
Minor Basin: RIVERSIDE AMNICOLA HWY BRDG.5 NE AM SCHS ECO Region:
RF1 Index: 06020001007 RF1 Mile Point: 0.500 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 06020001000604.74 RF3 Mile Point: 4.76 Distance from RF3: 0.03 On/Off RF3:
Description:
RIVERSIDE AMNICOLA HWY BRIDGE 0.5 MI NE OF AMNICOLA SCHOOL COMPOSITE SAMPLE

Parameter Inventory for Station: CHCH0352

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/14/73-03/26/74	13	0.24	0.258	0.59	0.11	0.017	0.131	0.118	0.161	0.317	0.514
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/14/73-03/26/74	13	0.045	0.048	0.094	0.012	0.001	0.024	0.014	0.029	0.066	0.086
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/14/73-03/26/74	13	0.91	0.868	1.26	0.44	0.073	0.27	0.452	0.62	1.105	1.228
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/14/73-03/26/74	13	0.8	0.97	1.85	0.33	0.231	0.481	0.438	0.625	1.38	1.83
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/14/73-03/26/74	13	0.95	0.911	1.36	0.45	0.083	0.287	0.466	0.65	1.15	1.296
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/14/73-03/26/74	13	0.22	0.289	0.54	0.115	0.02	0.142	0.125	0.195	0.418	0.534
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/14/73-03/26/74	13	0.168	0.201	0.45	0.055	0.016	0.127	0.055	0.089	0.305	0.42

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0352

				Total	Exceed	Prop.	----------6/01-10/31----------			----------11/01-2/29----------			----------3/01-5/31----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	13	0	0.00	5	0	0.00	5	0	0.00	3	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	13	0	0.00	5	0	0.00	5	0	0.00	3	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	13	0	0.00	5	0	0.00	5	0	0.00	3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0353

NPS Station ID: CHCH0353
LAT/LON: 35.087781/ -85.260281
Agency: 131TVAC
Date Created: / /
Location:
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM/SOLIDS
STORET Station ID(s): 475889 /2642
RMI-Indexes: 1021500 007720 00920 6180
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 000.50
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: SOUTH CHICKAMAUGA CREEK 0.5
ECO Region:
RF1 Index: 06020001007
RF1 Mile Point: 0.500
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 06020001016300.00
RF3 Mile Point: 0.00
Distance from RF3: 0.30
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0353

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/08/70-09/08/70	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: CHCH0354

NPS Station ID: CHCH0354
LAT/LON: 35.087781/ -85.260281
Agency: 21TNWQ
Date Created: 12/06/77
Location: SOUTH CHICKAMAUGA CRK. 0.4
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM/TISSUE
STORET Station ID(s): 002425
RMI-Indexes: 1021500 007720 00920 6180
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 000.40
HUC: 06020001
Depth of Water: 999
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001007
RF1 Mile Point: 0.500
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 06020001093100.00
RF3 Mile Point: 0.00
Distance from RF3: 0.17
On/Off RF3:
Description:
SOUTH CHICKAMAUGA CREEK MILE 0.4 AT AMNICOLA HWY. QUAD 112 SW

Parameter Inventory for Station: CHCH0354

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/01/77-10/06/87	110	1.	71.327	512.	1.	21759.947	147.513	1.	1.	1.	392.3
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/30/77-04/07/98	110	17.	16.575	29.	5.	46.98	6.854	7.	10.	22.625	25.
00023	SAMPLE WEIGHT IN POUNDS	07/11/78-05/02/84	48	1.62	3.725	36.	0.12	35.73	5.977	0.364	0.75	4.203	9.983
00024	SAMPLE LENGTH IN INCHES	07/11/78-05/02/84	48	16.5	16.833	37.	5.25	52.453	7.242	8.625	11.625	22.	26.875
00060	FLOW, STREAM, MEAN DAILY CFS	10/01/77-08/01/78	11	780.	944.636	2200.	204.	422110.455	649.7	233.8	400.	1340.	2120.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/09/91-04/07/98	15	211.	220.667	295.	144.	1754.524	41.887	163.2	194.	248.	289.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/30/77-10/14/92	90	234.	233.711	336.	32.	2583.803	50.831	180.	200.	276.25	290.
00300p	OXYGEN, DISSOLVED MG/L	11/30/77-04/07/98	105	7.7	7.822	11.2	1.2	3.529	1.879	5.7	6.4	9.3	10.44
00310	BOD, 5 DAY, 20 DEG C MG/L	10/11/83-01/19/88	4	1.75	2.875	7.	1.	8.063	2.839	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	01/25/79-04/07/98	94	8.6	10.635	49.	2.5	102.012	10.1	2.5	2.5	14.475	23.8
00340	COD, .25N K2CR2O7 MG/L	11/30/77-09/19/78	11	7.	7.545	14.	3.	10.873	3.297	3.4	5.	10.	13.6
00400	PH (STANDARD UNITS)	11/30/77-04/07/98	103	7.2	7.126	8.4	4.68	0.367	0.605	6.3	6.9	7.52	7.8
00400	CONVERTED PH (STANDARD UNITS)	11/30/77-04/07/98	103	7.2	6.42	8.4	4.68	0.869	0.932	6.3	6.9	7.52	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/30/77-04/07/98	103	0.063	0.38	20.893	0.004	4.28	2.069	0.016	0.03	0.126	0.501
00403	PH, LAB, STANDARD UNITS SU	03/29/78-04/12/83	6	7.25	7.15	7.5	6.5	0.151	0.389	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/29/78-04/12/83	6	7.247	6.987	7.5	6.5	0.183	0.428	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/29/78-04/12/83	6	0.057	0.103	0.316	0.032	0.012	0.11	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	05/19/82-05/19/82	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	10/19/93-10/19/93	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/30/77-04/07/98	111	10.	13.919	110.	0.5	273.821	16.548	2.	4.	17.	26.
00572	BIOMASS, PERIPHYTON (GRAMS PER SQUARE METER)	05/25/78-05/25/78	1	10.3	10.3	10.3	10.3	0.	0.	**	**	**	**
00573	BIOMASS, PERIPHYTON,DRY WEIGHT TOTAL (G/M2)	05/25/78-05/25/78	1	44.62	44.62	44.62	44.62	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/12/83-04/07/98	48	0.06	0.08	0.35	0.	0.005	0.074	0.01	0.02	0.12	0.192
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/30/77-04/07/98	107	0.72	0.79	4.3	0.02	0.272	0.522	0.312	0.47	0.93	1.3
00635p	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	11/30/77-04/07/98	107	0.4	0.575	2.3	0.05	0.187	0.432	0.2	0.3	0.7	1.22
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	11/30/77-04/07/98	109	0.17	0.2	0.91	0.002	0.025	0.158	0.03	0.11	0.24	0.41
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/26/83-04/07/98	53	111.	110.453	169.	53.	771.945	27.784	71.2	92.	133.	144.6
01002p	ARSENIC, TOTAL (UG/L AS AS)	11/30/77-04/07/98	112 ##	1.	0.897	5.	0.5	0.402	0.634	0.5	0.5	1.	1.7
01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	07/11/78-05/02/84	30 ##	0.145	0.542	2.	0.01	0.679	0.824	0.015	0.015	0.688	2.
01027p	CADMIUM, TOTAL (UG/L AS CD)	11/30/77-04/07/98	111 ##	0.5	0.982	4.	0.5	0.563	0.751	0.5	0.5	1.	2.
01034p	CHROMIUM, TOTAL (UG/L AS CR)	11/30/77-04/07/98	112 ##	2.	5.232	293.	0.5	761.783	27.6	0.5	0.5	5.	5.
01042p	COPPER, TOTAL (UG/L AS CU)	11/30/77-04/07/98	112	9.5	12.098	83.	0.5	147.792	12.157	2.5	6.	14.75	20.
01051p	LEAD, TOTAL (UG/L AS PB)	11/30/77-04/07/98	112 ##	5.	8.408	60.	0.25	90.524	9.514	2.	2.5	10.	20.
01067	NICKEL, TOTAL (UG/L AS NI)	04/12/83-04/07/98	51 ##	10.	7.294	13.	1.5	11.262	3.356	1.5	5.	10.	10.
01092	ZINC, TOTAL (UG/L AS ZN)	04/21/82-04/07/98	53	16.	25.17	187.	2.	1077.788	32.83	2.5	6.	32.5	63.4
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-04/07/98	106	180.	2820.991	96000.	1.	144946666.619	12039.38	9.4	31.5	1067.5	4130.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0354

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-04/07/98	106	2.255	2.293	4.982	0.	1.006	1.003	0.971	1.498	3.028	3.616
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			196.155								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	11/21/78-04/07/98	85	237.	1958.2	28000.	1.	24813249.852	4981.29	5.6	61.	1450.	4240.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	11/21/78-04/07/98	85	2.375	2.384	4.447	0.	1.048	1.024	0.746	1.785	3.161	3.627
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			242.254								
32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	05/25/78-05/25/78	1	9.8	9.8	9.8	9.8	0.	0.	**	**	**	**
32224	PHEOPHYTIN A MG/M2 SPECTROPHOTOMETRIC ACID METH	05/25/78-05/25/78	1	17.9	17.9	17.9	17.9	0.	0.	**	**	**	**
32226	CHLOROPHYLL B, PERIPHYTON, SPECTRO, MG/M2	05/25/78-05/25/78	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
32227	CHLOROPHYLL C, PERIPHYTON SPECTO, MG/M2	05/25/78-05/25/78	1	7.	7.	7.	7.	0.	0.	**	**	**	**
32228	CHLOROPHYLL A, PERIPHYTON, SPECTRO, MG/M2	05/25/78-05/25/78	1	43.4	43.4	43.4	43.4	0.	0.	**	**	**	**
34351	ENDOSULFAN SULFATE TOTWUG/L	08/03/82-08/03/82	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
34356	ENDOSULFAN, BETA TOTWUG/L	08/03/82-05/02/84	3	0.06	0.053	0.07	0.03	0.	0.021	**	**	**	**
34361	ENDOSULFAN, ALPHA TOTWUG/L	08/03/82-05/02/84	3	0.06	0.067	0.08	0.06	0.	0.012	**	**	**	**
34366	ENDRIN ALDEHYDE TOTWUG/L	08/03/82-05/02/84	3	0.02	0.02	0.03	0.01	0.	0.01	**	**	**	**
34664	PCB - 1221 WET WGTTISMG/KG	08/03/82-05/02/84	8 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34667	PCB - 1232 WET WGTTISMG/KG	08/03/82-05/02/84	8 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34669	PCB - 1248 WET WGTTISMG/KG	08/03/82-05/02/84	8 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34670	PCB - 1260 WET WGTTISMG/KG	08/03/82-05/02/84	8 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34674	PCB - 1016 WET WGTTISMG/KG	08/03/82-05/02/84	8 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34680	ALDRIN IN FISH TISSUE WET WEIGHT MG/KG	08/03/82-05/02/84	8 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34685	ENDRIN WET WGTTISMG/KG	08/03/82-05/02/84	8 ##	0.01	0.02	0.05	0.01	0.	0.016	**	**	**	**
34687	HEPTACHLOR WET WGTTISMG/KG	08/03/82-08/03/82	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34688	HEXACHLOROBENZENE WET WGTTISMG/KG	05/02/84-05/02/84	3 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34689	PCB - 1242 WET WGTTISMG/KG	08/03/82-05/02/84	8 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34690	PCB - 1254 WET WGTTISMG/KG	08/03/82-05/02/84	8 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39063	CHLORDANE-CIS ISOMER,TISSUE WET WGT (UG/G)	08/03/82-05/02/84	8 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	08/03/82-05/02/84	8 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39069	CHLORDANE-NONACHLOR,CIS ISO,TISSUE WET WGT(UG/G)	08/03/82-05/02/84	8 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39072	CHLORDANE-NONACHLOR,TRANS ISO,TISSUE,WET WT,UG/G	08/03/82-05/02/84	8 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	08/03/82-05/02/84	8 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39302	P P DDT IN TISSUE WET WGT (UG/G)	08/03/82-05/02/84	8 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39307	O P DDT IN TISSUE WET WGT (UG/G)	08/03/82-05/02/84	8	0.075	0.056	0.1	0.01	0.002	0.039	**	**	**	**
39312	P P DDD IN TISSUE WET WGT (UG/G)	08/03/82-05/02/84	8	0.025	0.028	0.05	0.01	0.	0.018	**	**	**	**
39322	P,P'-DDE IN TISSUE WET WGT MG/KG	08/03/82-05/02/84	8	0.045	0.046	0.09	0.01	0.001	0.034	**	**	**	**
39325	O,P DDD IN TISSUE WET WGT (UG/G)	08/03/82-05/02/84	8 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39329	O,P DDE IN TISSUE, WET WGT(UG/G)	08/03/82-05/02/84	8 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39404	DIELDRIN IN TISSUE WET WGT (UG/G)	08/03/82-05/02/84	8 ##	0.02	0.024	0.04	0.01	0.	0.015	**	**	**	**
39515	PCBS (MG/KG) FISH TISSUE MG/KG	07/11/78-05/02/84	15	0.111	0.364	1.62	0.01	0.293	0.541	0.01	0.01	0.361	1.507
39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	08/03/82-05/02/84	8 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
71900p	MERCURY, TOTAL (UG/L AS HG)	11/30/77-04/07/98	107 ##	0.1	0.204	4.6	0.1	0.221	0.47	0.1	0.1	0.1	0.3
71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	07/11/78-05/02/84	30	0.155	0.192	0.84	0.05	0.025	0.159	0.071	0.09	0.23	0.387
71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	07/11/78-05/02/84	30 ##	0.2	0.295	0.79	0.01	0.051	0.225	0.1	0.1	0.5	0.59
71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	07/11/78-05/02/84	30	0.305	0.639	5.23	0.01	1.337	1.156	0.1	0.108	0.47	1.737
71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	07/11/78-05/02/84	29	0.03	1.271	32.	0.01	34.973	5.914	0.01	0.02	0.5	0.5
71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	07/11/78-05/02/84	30 ##	0.03	0.057	0.24	0.01	0.005	0.069	0.01	0.01	0.053	0.205
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	07/11/78-10/16/79	3	4.	3.667	5.	2.	2.333	1.528	**	**	**	**
81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	07/11/78-10/16/79	3	1.	1.	1.	1.	0.	0.	**	**	**	**
81644	METHOXYCHLOR IN FISH TISSUE,UG/G WET WEIGHT	08/03/82-05/02/84	8 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0354

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	105	1	0.01	47	0	0.00	31	0	0.00	27	1	0.04			
00400	PH	Fresh Chronic	9.	103	0	0.00	46	0	0.00	31	0	0.00	26	0	0.00			
		Other-Lo Lim.	6.5	103	19	0.18	46	6	0.13	31	6	0.19	26	7	0.27			
00403	PH, LAB	Fresh Chronic	9.	6	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00			
		Other-Lo Lim.	6.5	6	1	0.17	2	0	0.00	2	1	0.50	2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

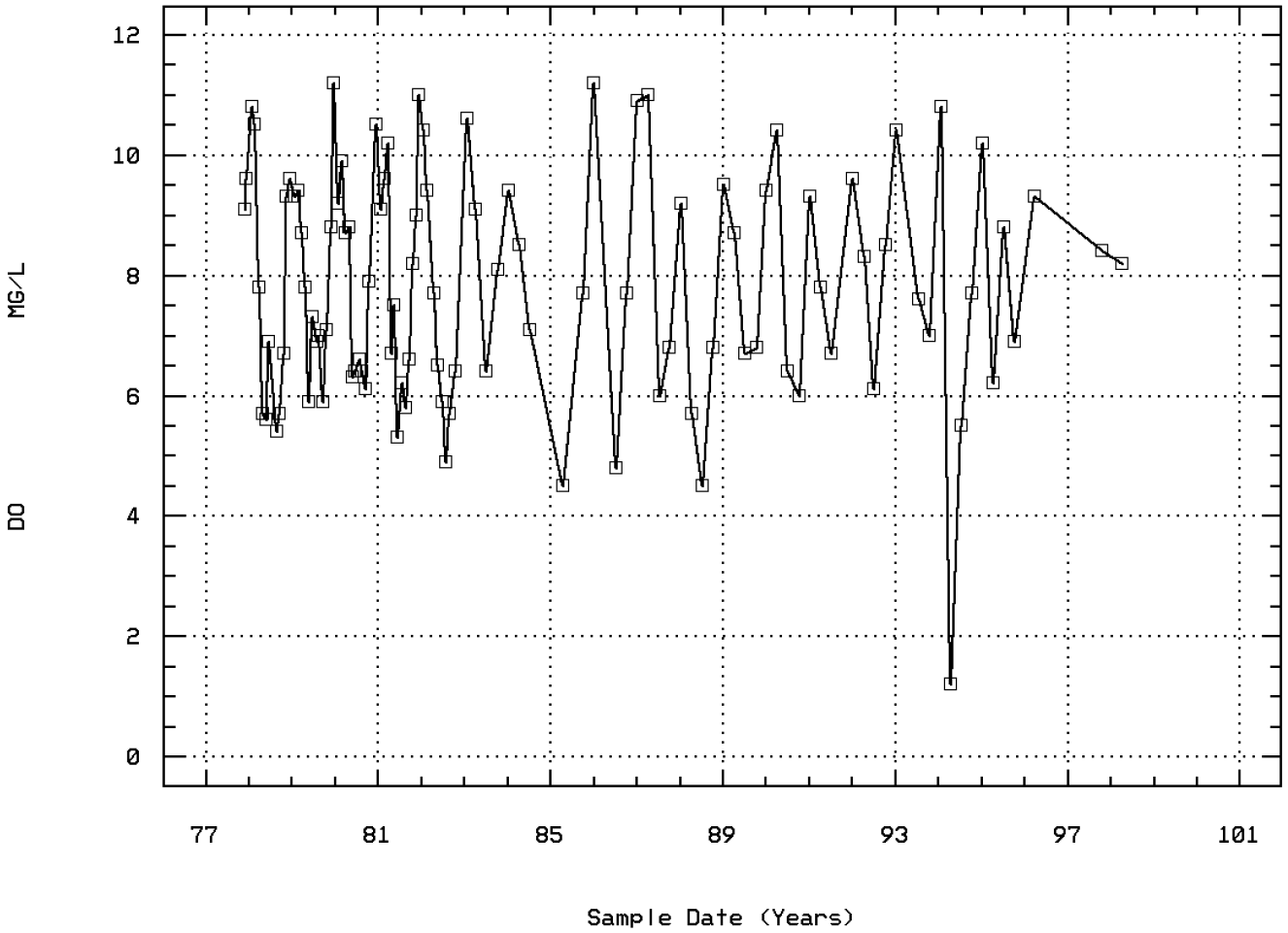
EPA Water Quality Criteria Analysis for Station: CHCH0354

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	107	0	0.00	47	0	0.00	32	0	0.00	28	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	112	0	0.00	50	0	0.00	33	0	0.00	29	0	0.00			
		Drinking Water	50.	112	0	0.00	50	0	0.00	33	0	0.00	29	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	111	3	0.03	49	3	0.06	33	0	0.00	29	0	0.00			
		Drinking Water	5.	111	0	0.00	49	0	0.00	33	0	0.00	29	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	112	1	0.01	50	0	0.00	33	1	0.03	29	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	112	20	0.18	50	11	0.22	33	2	0.06	29	7	0.24			
		Drinking Water	1300.	112	0	0.00	50	0	0.00	33	0	0.00	29	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	112	0	0.00	50	0	0.00	33	0	0.00	29	0	0.00			
		Drinking Water	15.	111 &	17	0.15	49	7	0.14	33	6	0.18	29	4	0.14			
01067	NICKEL, TOTAL	Fresh Acute	1400.	51	0	0.00	25	0	0.00	12	0	0.00	14	0	0.00			
		Drinking Water	100.	51	0	0.00	25	0	0.00	12	0	0.00	14	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	53	1	0.02	25	1	0.04	12	0	0.00	16	0	0.00			
		Drinking Water	5000.	53	0	0.00	25	0	0.00	12	0	0.00	16	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	106	52	0.49	48	16	0.33	31	17	0.55	27	19	0.70			
34356	ENDOSULFAN, BETA, TOTAL	Fresh Acute	0.22	3	0	0.00	1	0	0.00				2	0	0.00			
34361	ENDOSULFAN, ALPHA, TOTAL	Fresh Acute	0.22	3	0	0.00	1	0	0.00				2	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	107	1	0.01	48	1	0.02	32	0	0.00	27	0	0.00			
		Drinking Water	2.	107	1	0.01	48	1	0.02	32	0	0.00	27	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station: CHCH0354 Parameter Code: 00300

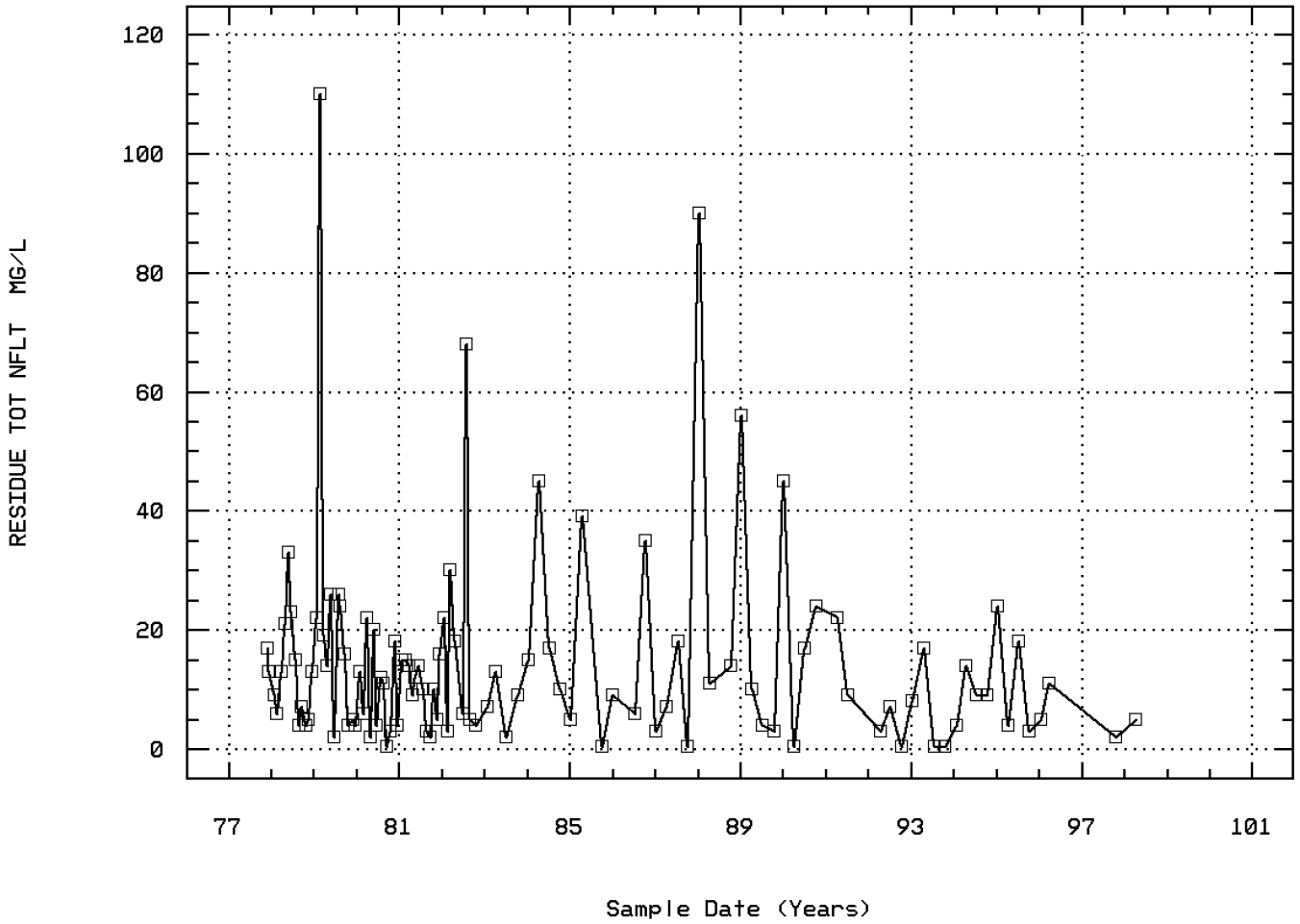
OXYGEN, DISSOLVED



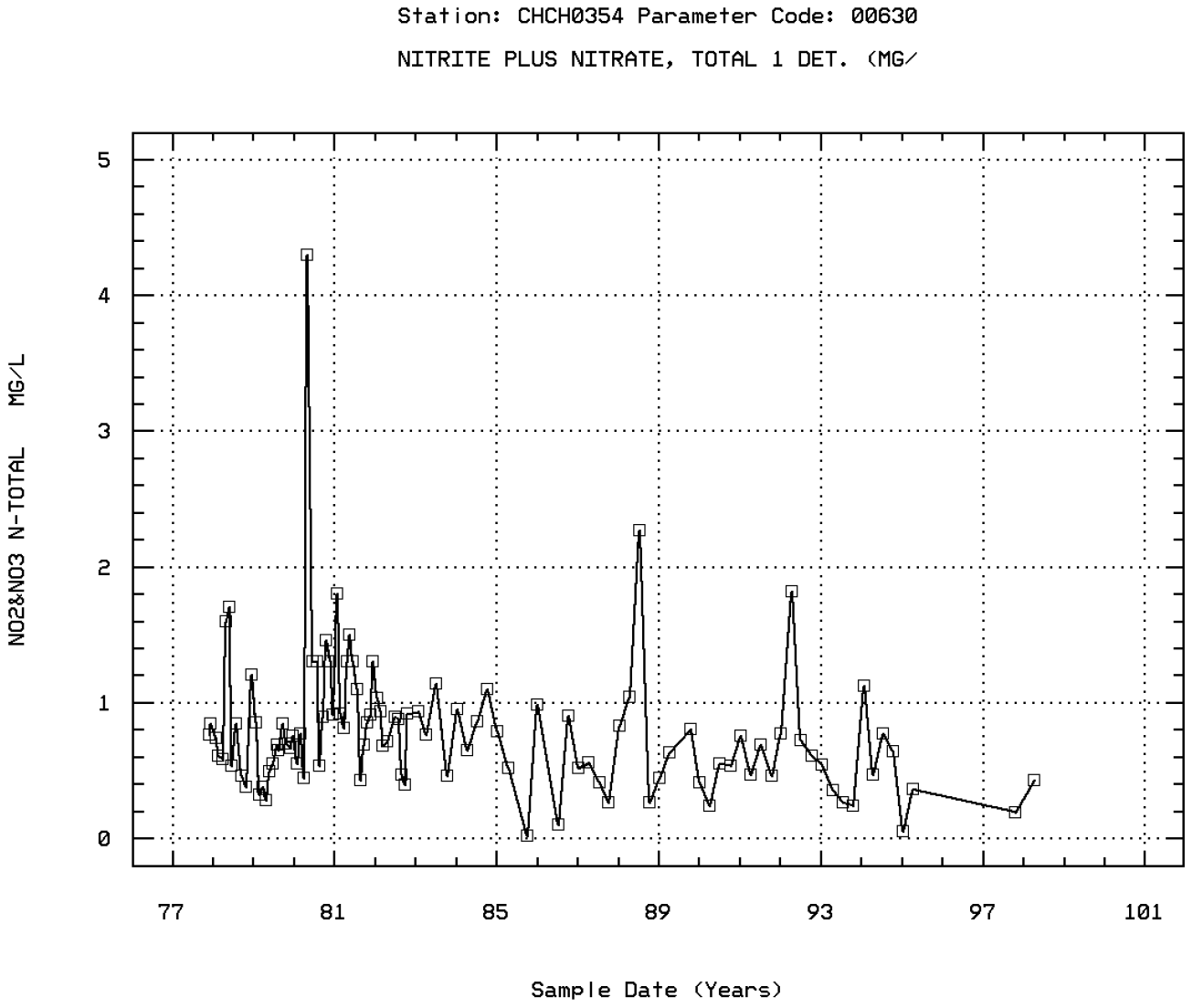
SOUTH CHICKAMAUGA CRK. 0.4

Station: CHCH0354 Parameter Code: 00530

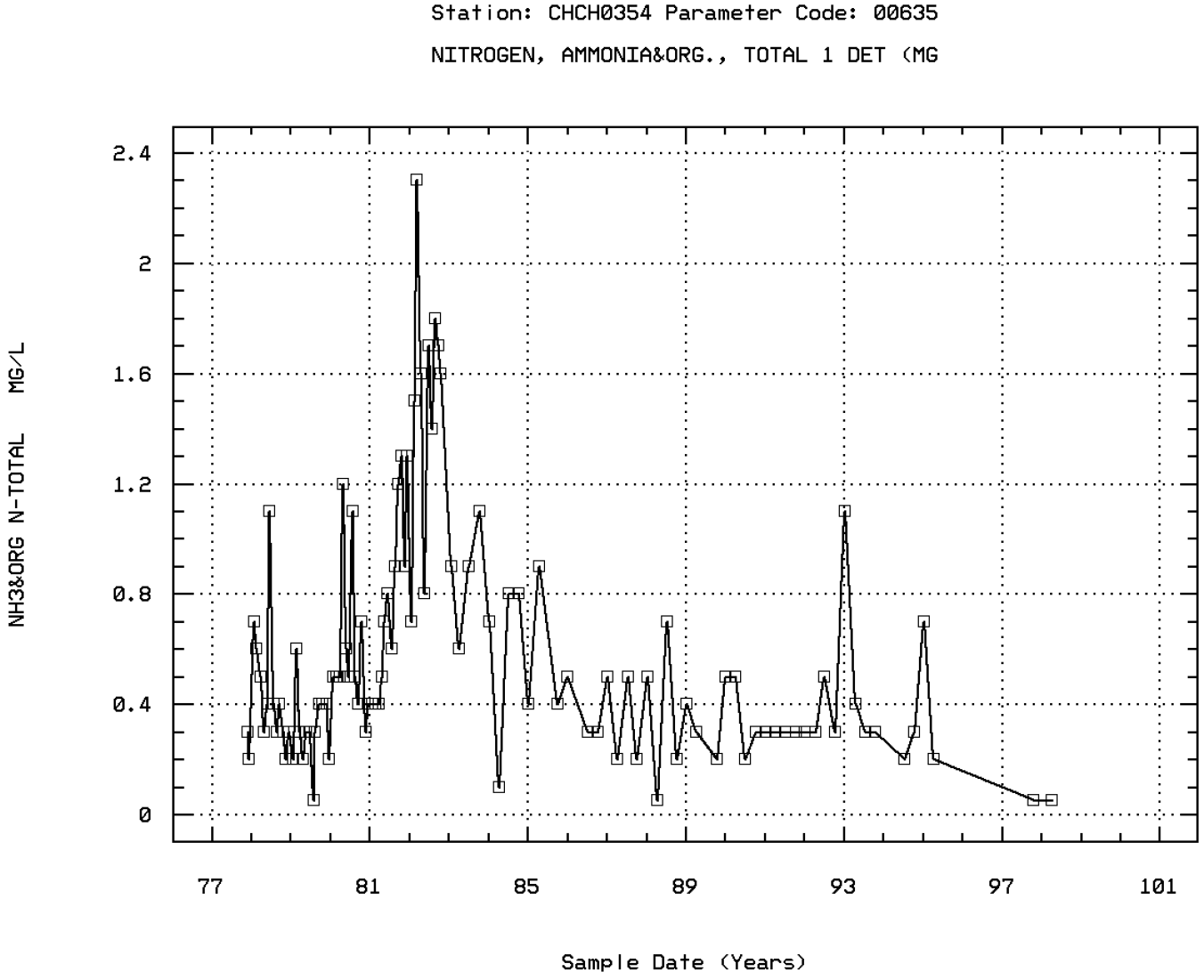
RESIDUE, TOTAL NONFILTRABLE (MG/L)



SOUTH CHICKAMAUGA CRK. 0.4



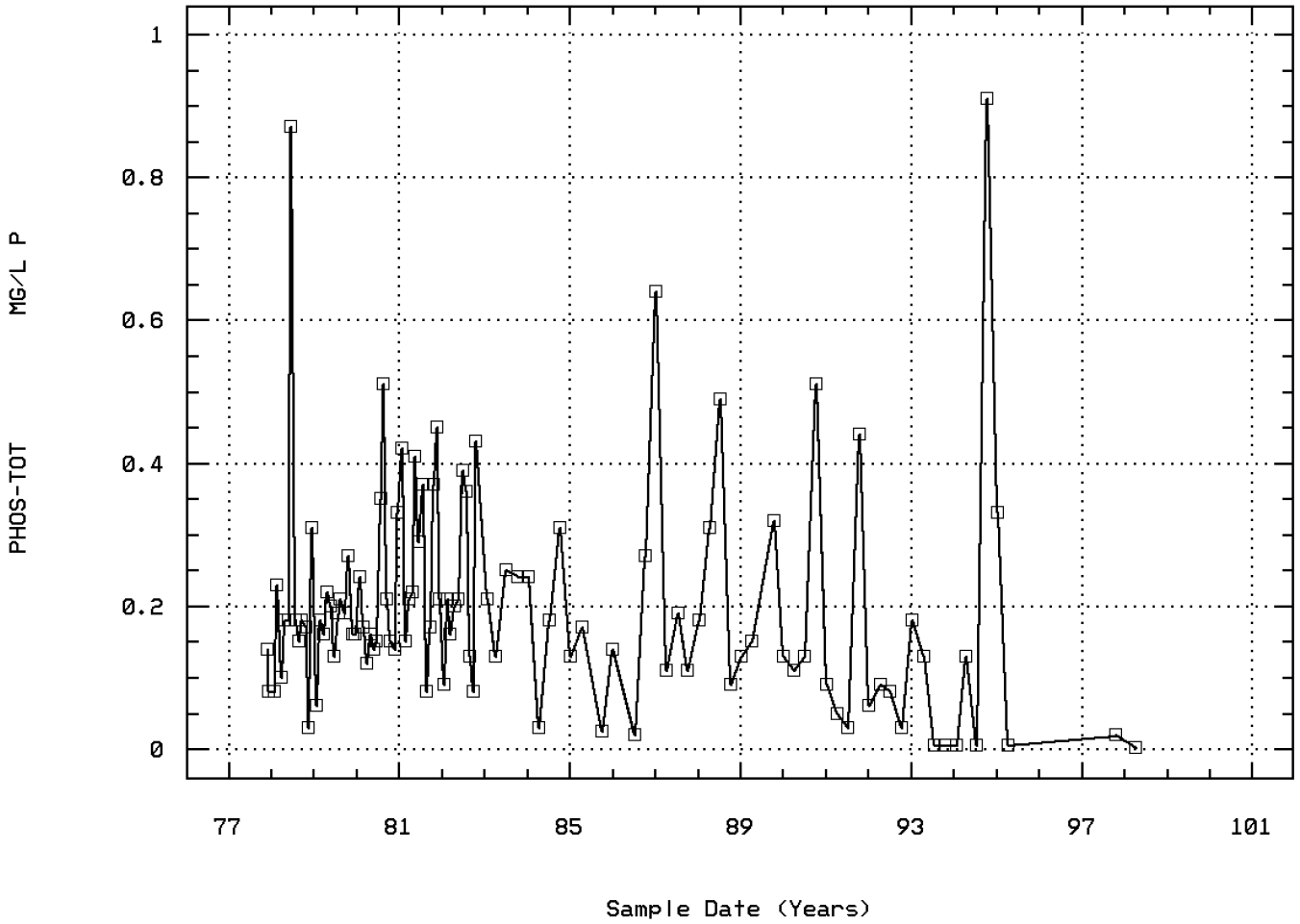
SOUTH CHICKAMAUGA CRK. 0.4



SOUTH CHICKAMAUGA CRK. 0.4

Station: CHCH0354 Parameter Code: 00665

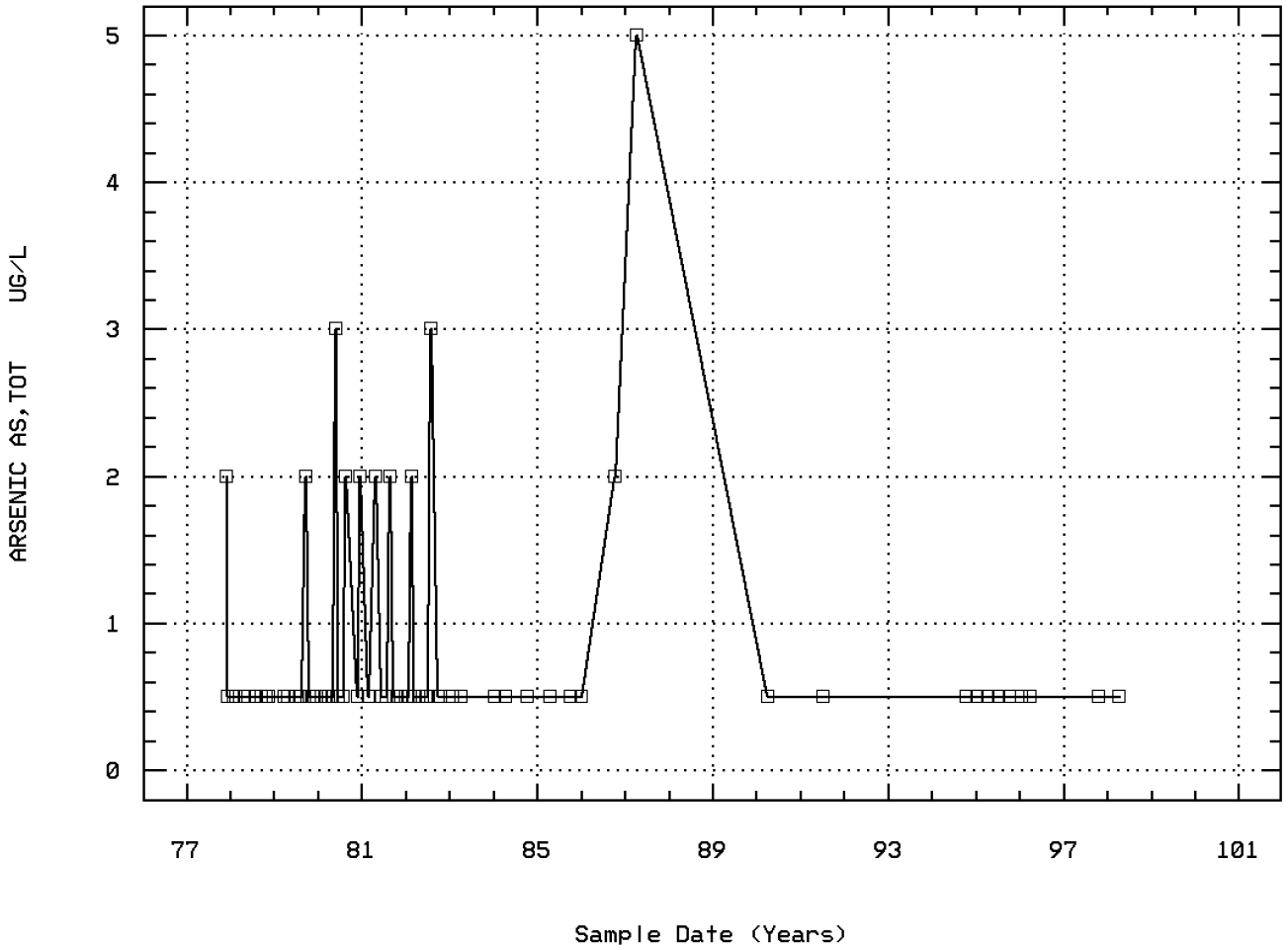
PHOSPHORUS, TOTAL (MG/L AS P)



SOUTH CHICKAMAUGA CRK. 0.4

Station: CHCH0354 Parameter Code: 01002

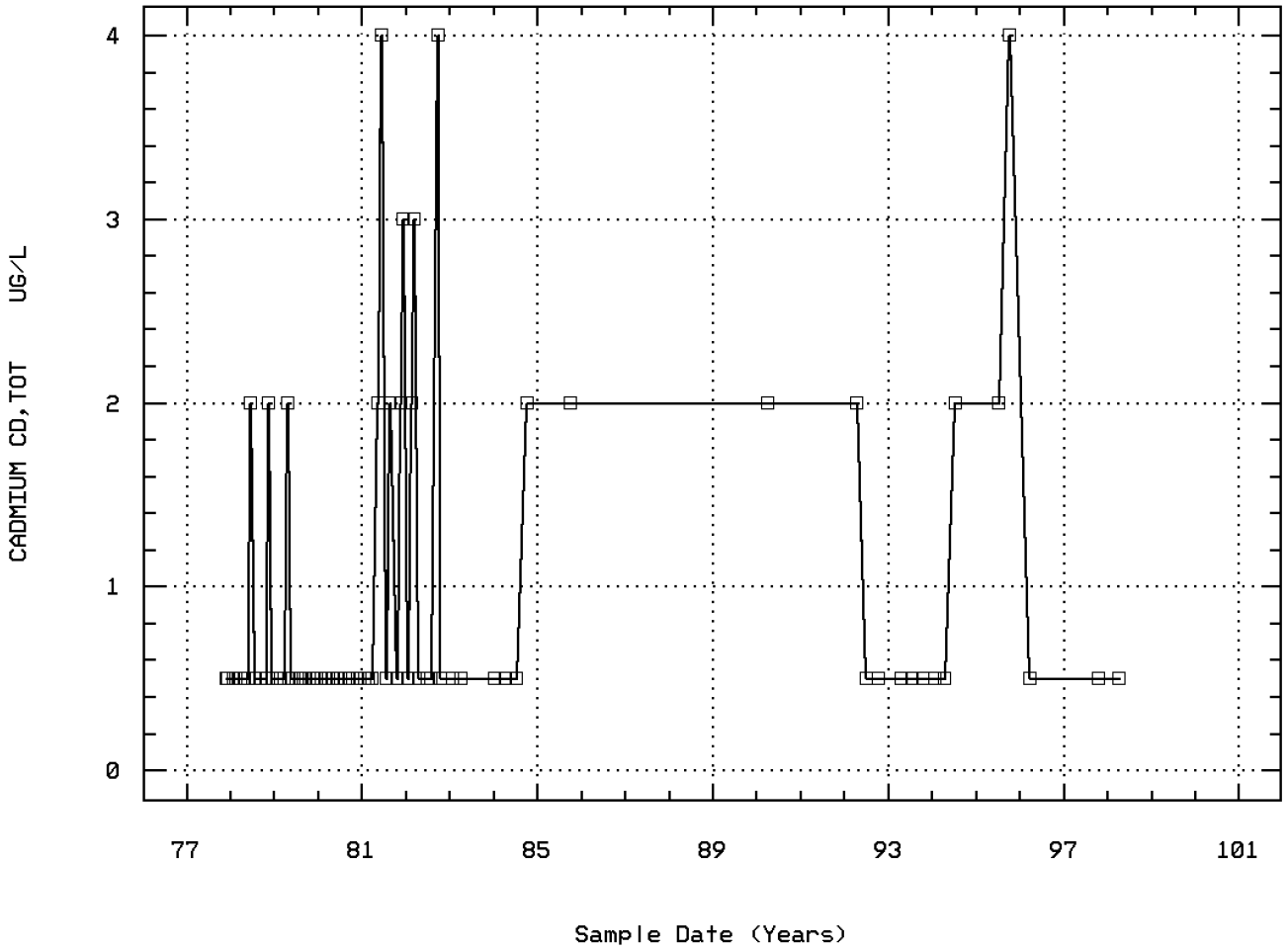
ARSENIC, TOTAL (UG/L AS AS)



SOUTH CHICKAMAUGA CRK. 0.4

Station: CHCH0354 Parameter Code: 01027

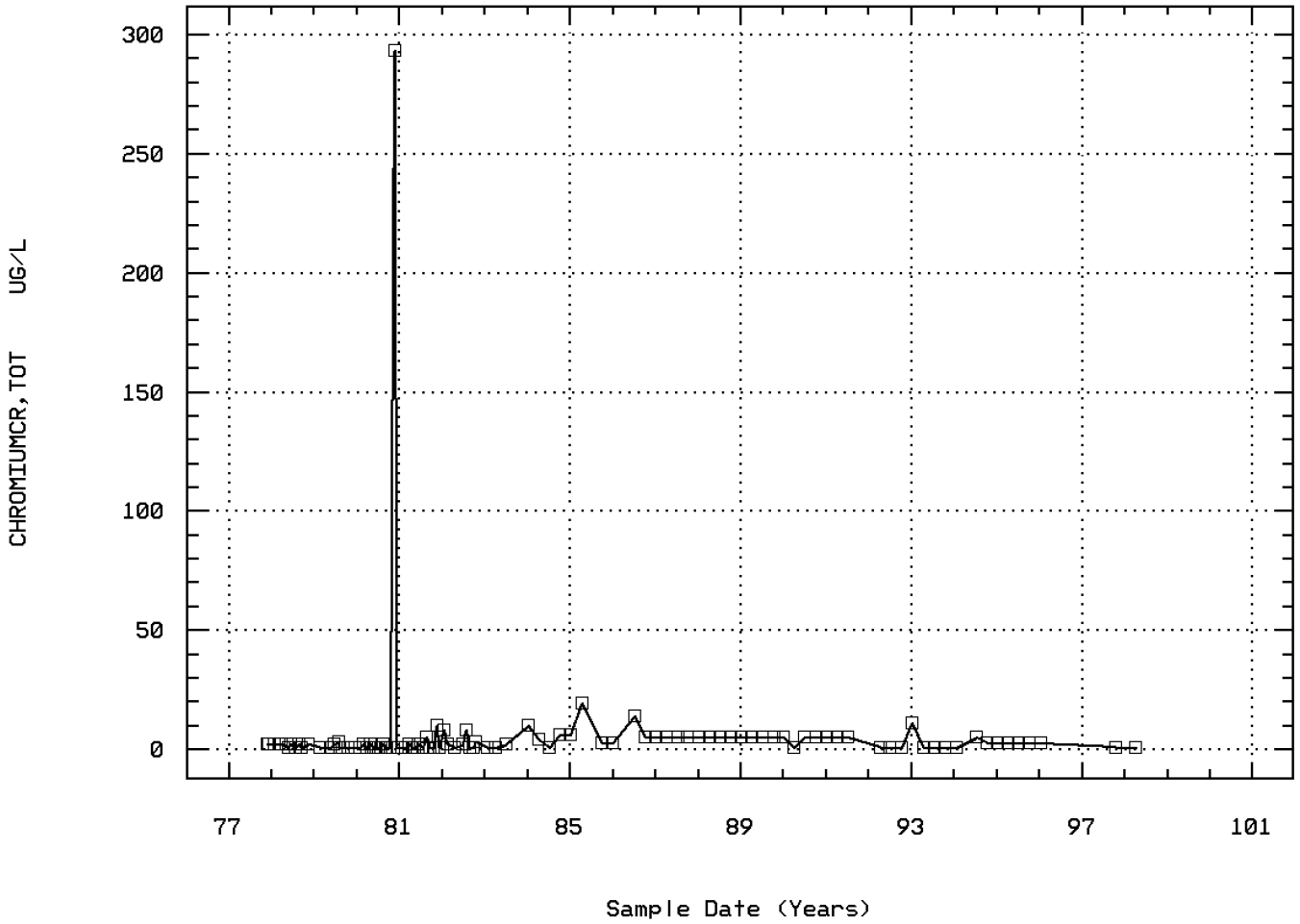
CADMIUM, TOTAL (UG/L AS CD)



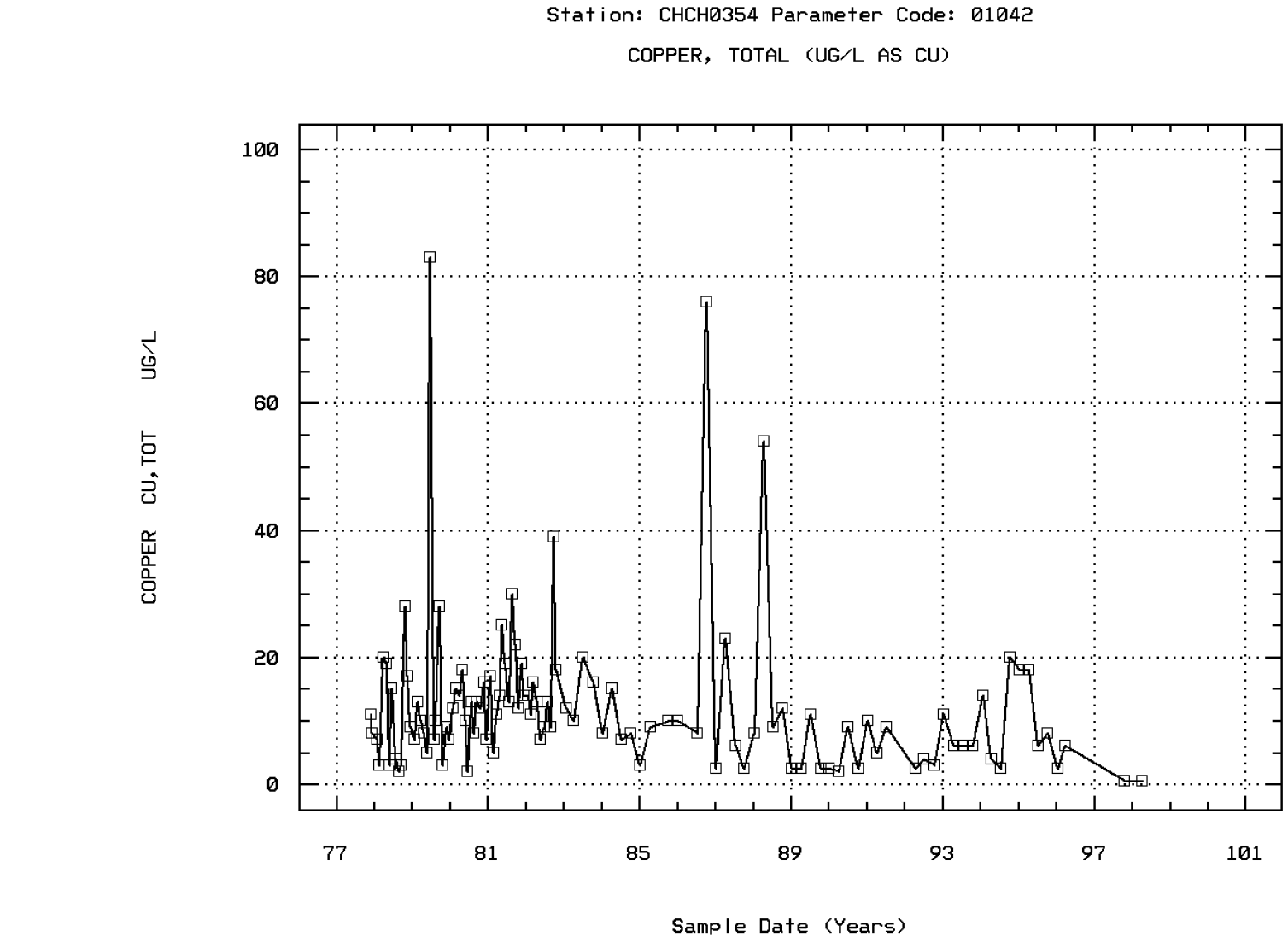
SOUTH CHICKAMAUGA CRK. 0.4

Station: CHCH0354 Parameter Code: 01034

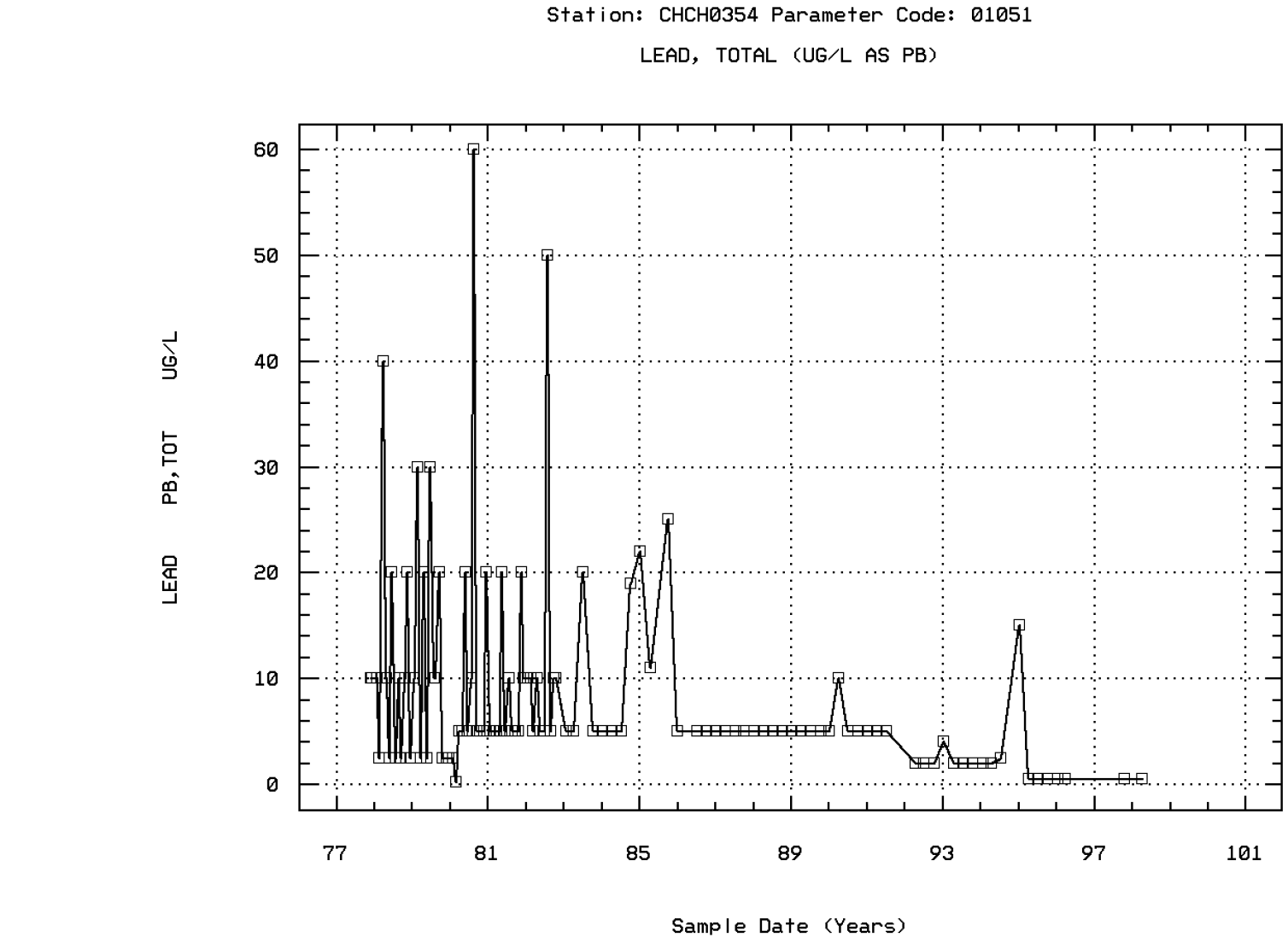
CHROMIUM, TOTAL (UG/L AS CR)



SOUTH CHICKAMAUGA CRK. 0.4



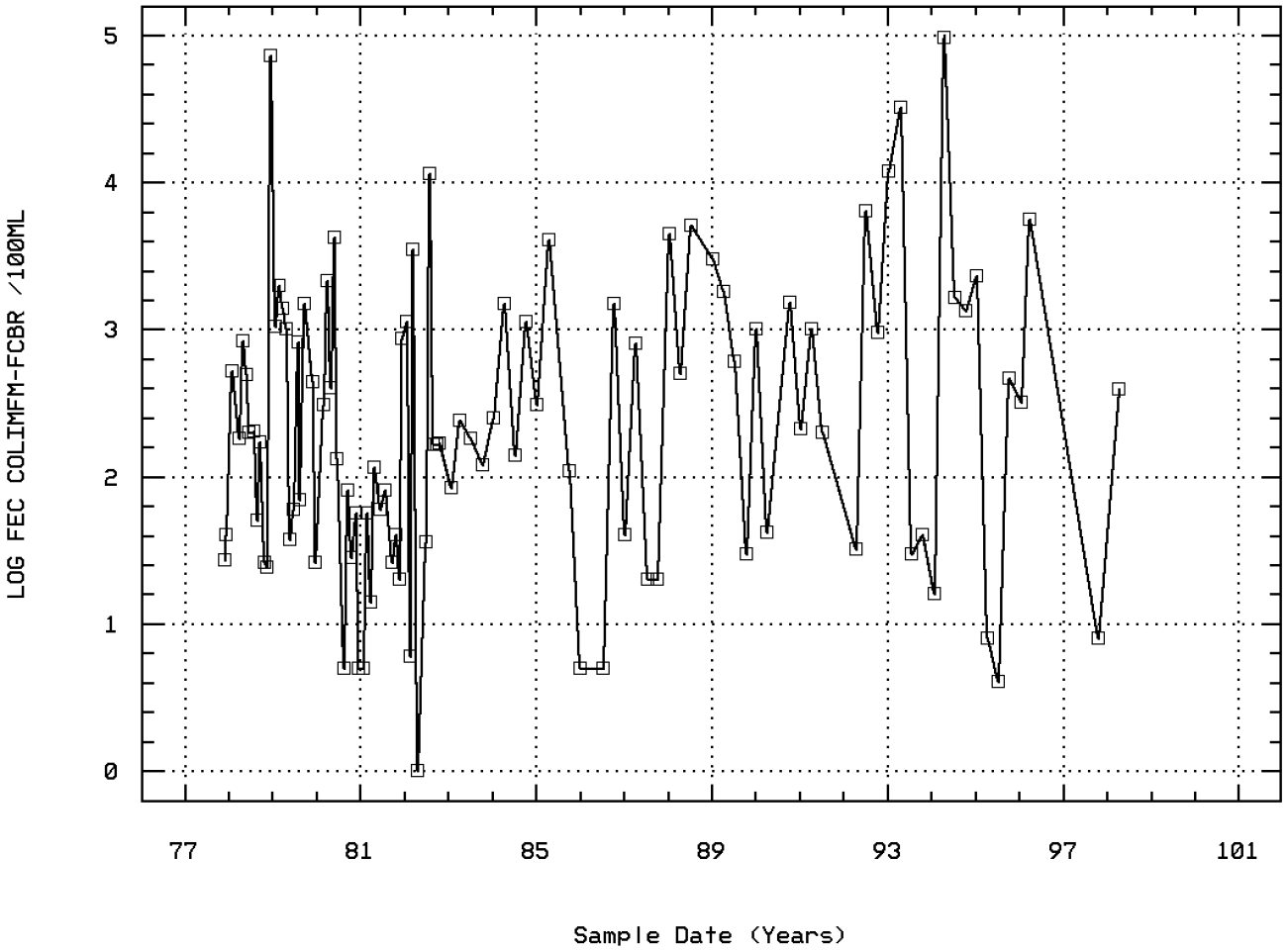
SOUTH CHICKAMAUGA CRK. 0.4



SOUTH CHICKAMAUGA CRK. 0.4

Station: CHCH0354 Parameter Code: 31616

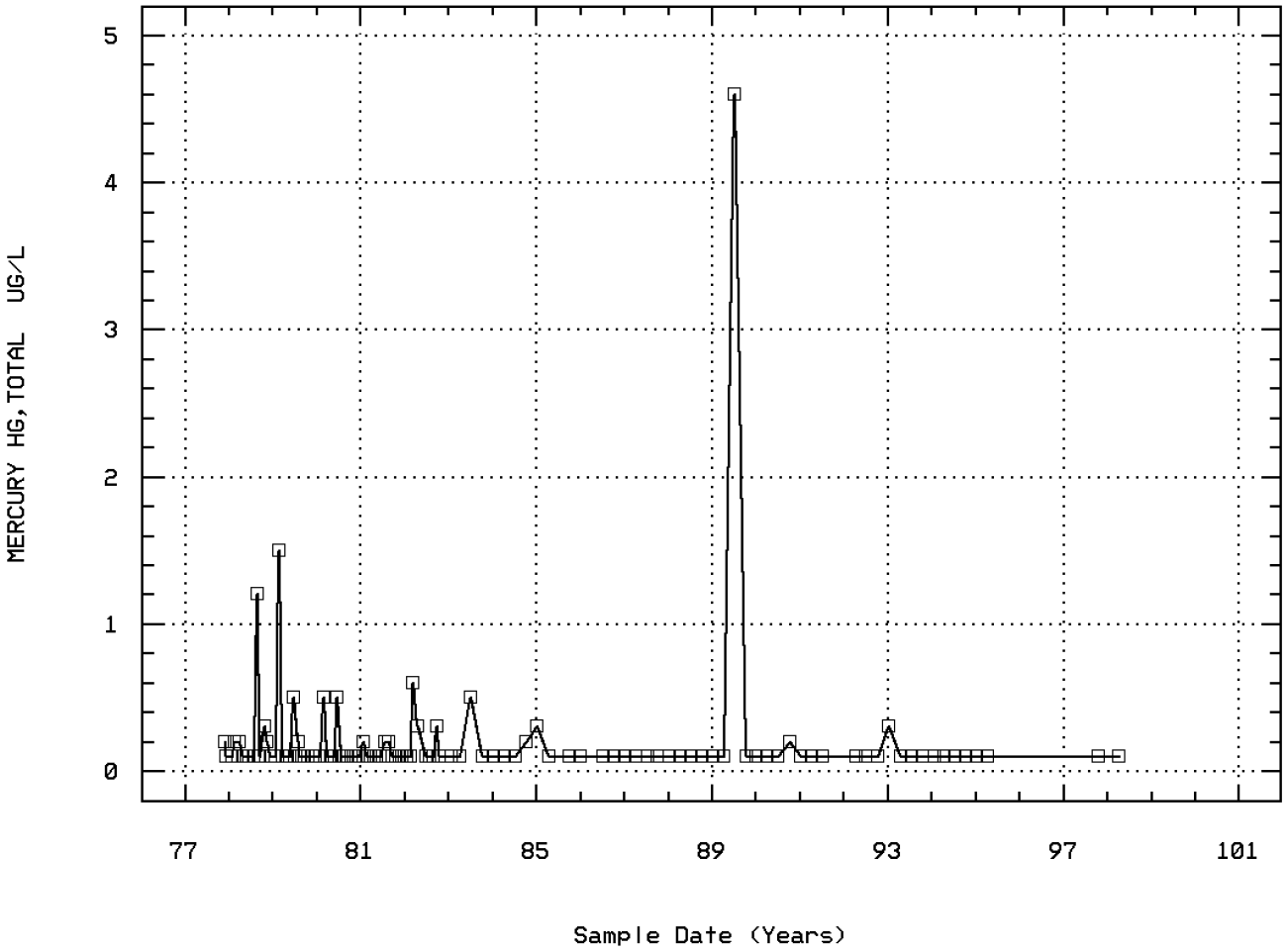
LOG FECAL COLIFORM,MEMBR FILTER,M-FC BR



SOUTH CHICKAMAUGA CRK. 0.4

Station: CHCH0354 Parameter Code: 71900

MERCURY, TOTAL (UG/L AS HG)



SOUTH CHICKAMAUGA CRK. 0.4

Annual Analysis for 1977 - Station CHCH0354

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/01/77-10/06/87	4	1.	1.	1.	1.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/30/77-04/07/98	2	11.5	11.5	13.	10.	4.5	2.121	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/30/77-10/14/92	2	250.	250.	290.	210.	3200.	56.569	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/30/77-04/07/98	2	9.35	9.35	9.6	9.1	0.125	0.354	**	**	**	**
00400	PH (STANDARD UNITS)	11/30/77-04/07/98	2	7.05	7.05	7.1	7.	0.005	0.071	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/30/77-04/07/98	2	7.047	7.047	7.1	7.	0.005	0.071	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/30/77-04/07/98	2	0.09	0.09	0.1	0.079	0.	0.015	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/30/77-04/07/98	2	15.	15.	17.	13.	8.	2.828	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/30/77-04/07/98	2	0.8	0.8	0.84	0.76	0.003	0.057	**	**	**	**
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	11/30/77-04/07/98	2	0.25	0.25	0.3	0.2	0.005	0.071	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/30/77-04/07/98	2	0.11	0.11	0.14	0.08	0.002	0.042	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	11/30/77-04/07/98	2 ##	1.25	1.25	2.	0.5	1.125	1.061	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	11/30/77-04/07/98	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	11/30/77-04/07/98	2	2.	2.	2.	2.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	11/30/77-04/07/98	2	9.5	9.5	11.	8.	4.5	2.121	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	11/30/77-04/07/98	2	10.	10.	10.	10.	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-04/07/98	2	33.5	33.5	40.	27.	84.5	9.192	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-04/07/98	2	1.517	1.517	1.602	1.431	0.015	0.121	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			32.863								
71900	MERCURY, TOTAL (UG/L AS HG)	11/30/77-04/07/98	2 ##	0.15	0.15	0.2	0.1	0.005	0.071	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station CHCH0354

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/01/77-10/06/87	26	1.	139.192	503.	1.	42836.402	206.97	1.	1.	402.25	501.3
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/30/77-04/07/98	11	17.	16.364	27.	5.	61.205	7.823	5.3	6.5	24.	26.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/30/77-10/14/92	11	250.	247.455	298.	190.	1396.873	37.375	190.8	215.	280.	294.4
00300	OXYGEN, DISSOLVED MG/L	11/30/77-04/07/98	11	6.9	7.636	10.8	5.4	4.293	2.072	5.44	5.7	9.6	10.74
00400	PH (STANDARD UNITS)	11/30/77-04/07/98	10	6.9	6.77	8.	5.6	0.551	0.742	5.63	6.2	7.275	7.95
00400	CONVERTED PH (STANDARD UNITS)	11/30/77-04/07/98	10	6.889	6.283	8.	5.6	0.815	0.903	5.63	6.2	7.275	7.95
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/30/77-04/07/98	10	0.129	0.522	2.512	0.01	0.636	0.797	0.012	0.055	0.691	2.387
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/30/77-04/07/98	12	11.	12.75	33.	4.	81.295	9.016	4.	5.25	19.5	30.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/30/77-04/07/98	10	0.675	0.864	1.7	0.38	0.225	0.474	0.388	0.513	1.3	1.69
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	11/30/77-04/07/98	12	0.4	0.458	1.1	0.2	0.061	0.247	0.23	0.3	0.575	0.98
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/30/77-04/07/98	12	0.18	0.222	0.87	0.03	0.047	0.216	0.045	0.113	0.218	0.702
01002	ARSENIC, TOTAL (UG/L AS AS)	11/30/77-04/07/98	12 ##	0.5	0.708	1.	0.5	0.066	0.257	0.5	0.5	1.	1.
01027	CADMIUM, TOTAL (UG/L AS CD)	11/30/77-04/07/98	12 ##	0.5	0.792	2.	0.5	0.339	0.582	0.5	0.5	0.875	2.
01034	CHROMIUM, TOTAL (UG/L AS CR)	11/30/77-04/07/98	12	1.	1.292	2.	0.5	0.43	0.656	0.5	0.625	2.	2.
01042	COPPER, TOTAL (UG/L AS CU)	11/30/77-04/07/98	12	8.	10.833	28.	2.	75.242	8.674	2.3	3.	18.5	25.6
01051	LEAD, TOTAL (UG/L AS PB)	11/30/77-04/07/98	12	10.	11.042	40.	2.5	124.384	11.153	2.5	2.5	17.5	34.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-04/07/98	11	200.	6881.455	73000.	24.	480945092.673	21930.46	24.4	50.	520.	58566.6
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-04/07/98	11	2.301	2.435	4.863	1.38	0.908	0.953	1.387	1.699	2.716	4.475
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			272.045								
71900	MERCURY, TOTAL (UG/L AS HG)	11/30/77-04/07/98	12 ##	0.1	0.233	1.2	0.1	0.097	0.311	0.1	0.1	0.2	0.93

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station CHCH0354

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/01/77-10/06/87	28	141.5	148.964	512.	1.	27238.332	165.04	1.	1.	283.5	466.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/30/77-04/07/98	12	15.5	15.025	24.	5.5	42.708	6.535	5.65	10.	21.6	23.7
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/30/77-10/14/92	11	210.	208.545	305.	112.	3746.273	61.207	113.6	170.	260.	297.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station CHCH0354

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300	OXYGEN, DISSOLVED MG/L	11/30/77-04/07/98	12	7.55	7.942	11.2	5.9	2.486	1.577	5.9	6.925	9.175	10.66
00335	COD, .025N K2CR2O7 MG/L	01/25/79-04/07/98	12	8.	7.5	15.	2.5	20.	4.472	2.5	2.5	10.75	14.4
00400	PH (STANDARD UNITS)	11/30/77-04/07/98	10	6.95	6.89	7.5	6.4	0.159	0.398	6.4	6.4	7.175	7.49
00400	CONVERTED PH (STANDARD UNITS)	11/30/77-04/07/98	10	6.947	6.738	7.5	6.4	0.185	0.43	6.4	6.4	7.175	7.49
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/30/77-04/07/98	10	0.113	0.183	0.398	0.032	0.023	0.153	0.032	0.07	0.398	0.398
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/30/77-04/07/98	12	17.5	22.667	110.	2.	838.242	28.952	2.6	4.25	25.5	84.8
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/30/77-04/07/98	12	0.655	0.597	0.85	0.28	0.037	0.193	0.292	0.408	0.738	0.847
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	11/30/77-04/07/98	12	0.3	0.304	0.6	0.05	0.019	0.139	0.095	0.2	0.4	0.54
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/30/77-04/07/98	12	0.185	0.178	0.27	0.06	0.003	0.052	0.081	0.16	0.208	0.255
01002	ARSENIC, TOTAL (UG/L AS AS)	11/30/77-04/07/98	12 ##	0.5	0.75	2.	0.5	0.205	0.452	0.5	0.5	1.	1.7
01027	CADMIUM, TOTAL (UG/L AS CD)	11/30/77-04/07/98	12 ##	0.5	0.667	2.	0.5	0.197	0.444	0.5	0.5	0.5	1.7
01034	CHROMIUM, TOTAL (UG/L AS CR)	11/30/77-04/07/98	12	1.	1.042	3.	0.5	0.566	0.753	0.5	0.5	1.	2.7
01042	COPPER, TOTAL (UG/L AS CU)	11/30/77-04/07/98	12	8.5	15.833	83.	3.	487.242	22.074	3.6	7.	12.25	66.5
01051	LEAD, TOTAL (UG/L AS PB)	11/30/77-04/07/98	12	10.	11.875	30.	2.5	112.642	10.613	2.5	2.5	20.	30.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-04/07/98	11	820.	763.909	2000.	26.	476991.691	690.646	28.2	60.	1400.	1900.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-04/07/98	11	2.914	2.528	3.301	1.415	0.522	0.722	1.446	1.778	3.146	3.276
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			337.296								
71900	MERCURY, TOTAL (UG/L AS HG)	11/30/77-04/07/98	12 ##	0.1	0.258	1.5	0.1	0.166	0.408	0.1	0.1	0.175	1.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station CHCH0354

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/01/77-10/06/87	12	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/30/77-04/07/98	12	16.5	17.292	27.5	8.	55.112	7.424	8.3	9.25	24.75	27.35
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/30/77-10/14/92	12	227.5	220.25	290.	150.	1774.386	42.123	159.	182.5	249.5	287.
00300	OXYGEN, DISSOLVED MG/L	11/30/77-04/07/98	11	7.9	7.891	10.5	6.1	2.589	1.609	6.14	6.4	9.2	10.38
00335	COD, .025N K2CR2O7 MG/L	01/25/79-04/07/98	12	9.	9.542	16.	2.5	19.066	4.366	3.25	6.25	14.5	15.7
00400	PH (STANDARD UNITS)	11/30/77-04/07/98	11	7.3	7.205	7.8	6.	0.315	0.561	6.1	7.	7.8	7.8
00400	CONVERTED PH (STANDARD UNITS)	11/30/77-04/07/98	11	7.3	6.8	7.8	6.	0.495	0.704	6.1	7.	7.8	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/30/77-04/07/98	11	0.05	0.159	1.	0.016	0.085	0.292	0.016	0.016	0.1	0.863
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/30/77-04/07/98	12	8.5	9.625	22.	0.5	55.597	7.456	0.95	3.25	16.75	21.4
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/30/77-04/07/98	12	0.955	1.229	4.3	0.44	1.05	1.025	0.467	0.605	1.3	3.448
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	11/30/77-04/07/98	12	0.5	0.6	1.2	0.3	0.076	0.276	0.33	0.425	0.675	1.17
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/30/77-04/07/98	12	0.165	0.223	0.51	0.12	0.014	0.118	0.126	0.143	0.308	0.462
01002	ARSENIC, TOTAL (UG/L AS AS)	11/30/77-04/07/98	12 ##	0.5	1.042	3.	0.5	0.703	0.838	0.5	0.5	1.75	2.7
01027	CADMIUM, TOTAL (UG/L AS CD)	11/30/77-04/07/98	12 ##	0.5	0.583	1.	0.5	0.038	0.195	0.5	0.5	0.5	1.
01034	CHROMIUM, TOTAL (UG/L AS CR)	11/30/77-04/07/98	12 ##	0.5	25.25	293.	0.5	7110.205	84.322	0.5	0.5	2.	205.7
01042	COPPER, TOTAL (UG/L AS CU)	11/30/77-04/07/98	12	12.5	11.667	18.	2.	19.152	4.376	3.5	8.5	14.75	17.4
01051	LEAD, TOTAL (UG/L AS PB)	11/30/77-04/07/98	12 ##	5.	11.896	60.	0.25	268.926	16.399	0.925	5.	17.5	48.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-04/07/98	11	80.	669.	4200.	5.	1755051.2	1324.783	5.	10.	400.	3786.6
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-04/07/98	11	1.903	1.969	3.623	0.699	0.977	0.989	0.699	1.	2.602	3.564
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			93.181								
71900	MERCURY, TOTAL (UG/L AS HG)	11/30/77-04/07/98	12 ##	0.1	0.167	0.5	0.1	0.024	0.156	0.1	0.1	0.1	0.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station CHCH0354

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/01/77-10/06/87	12	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/30/77-04/07/98	12	16.5	16.375	27.	6.5	55.46	7.447	7.1	8.875	24.	26.7
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/30/77-10/14/92	12	274.5	259.083	310.	200.	1756.447	41.91	201.5	216.25	290.	310.
00300	OXYGEN, DISSOLVED MG/L	11/30/77-04/07/98	12	7.85	7.933	11.	5.3	3.442	1.855	5.45	6.3	9.475	10.76

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station CHCH0354

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00335	COD, .025N K2CR2O7 MG/L	01/25/79-04/07/98	12	12.	17.625	49.	2.5	184.869	13.597	3.25	8.5	29.	43.6
00400	PH (STANDARD UNITS)	11/30/77-04/07/98	11	7.4	7.309	7.8	6.9	0.127	0.356	6.9	7.	7.6	7.8
00400	CONVERTED PH (STANDARD UNITS)	11/30/77-04/07/98	11	7.4	7.189	7.8	6.9	0.143	0.378	6.9	7.	7.6	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/30/77-04/07/98	11	0.04	0.065	0.126	0.016	0.002	0.045	0.016	0.025	0.1	0.126
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/30/77-04/07/98	12	11.	10.417	16.	2.	23.538	4.852	2.3	6.	14.75	15.7
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/30/77-04/07/98	12	1.01	1.076	1.8	0.43	0.145	0.381	0.508	0.82	1.3	1.71
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	11/30/77-04/07/98	12	0.75	0.783	1.3	0.4	0.118	0.343	0.4	0.425	1.125	1.3
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/30/77-04/07/98	12	0.255	0.279	0.45	0.08	0.015	0.122	0.101	0.18	0.4	0.441
01002	ARSENIC, TOTAL (UG/L AS AS)	11/30/77-04/07/98	12 ##	0.75	0.917	2.	0.5	0.311	0.557	0.5	0.5	1.	2.
01027	CADMIUM, TOTAL (UG/L AS CD)	11/30/77-04/07/98	12	1.	1.458	4.	0.5	1.339	1.157	0.5	0.5	2.	3.7
01034	CHROMIUM, TOTAL (UG/L AS CR)	11/30/77-04/07/98	12 ##	0.5	1.917	10.	0.5	8.265	2.875	0.5	0.5	2.	8.5
01042	COPPER, TOTAL (UG/L AS CU)	11/30/77-04/07/98	12	15.5	16.75	30.	5.	45.841	6.771	6.8	12.25	21.25	28.5
01051	LEAD, TOTAL (UG/L AS PB)	11/30/77-04/07/98	12 ##	5.	8.333	20.	5.	33.333	5.774	5.	5.	10.	20.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-04/07/98	11	40.	117.	860.	5.	61861.	248.719	6.	14.	80.	711.2
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-04/07/98	11	1.602	1.599	2.934	0.699	0.364	0.604	0.759	1.146	1.903	2.76
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			39.74								
71900	MERCURY, TOTAL (UG/L AS HG)	11/30/77-04/07/98	12 ##	0.1	0.125	0.2	0.1	0.002	0.045	0.1	0.1	0.175	0.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station CHCH0354

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/01/77-10/06/87	10	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/30/77-04/07/98	10	18.5	18.05	25.	7.	41.136	6.414	7.5	12.75	24.25	25.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/30/77-10/14/92	8	217.5	221.625	318.	130.	3408.268	58.38	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/30/77-04/07/98	8	6.45	7.113	10.4	4.9	3.661	1.913	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	01/25/79-04/07/98	10	13.	17.95	45.	2.5	211.469	14.542	2.95	9.25	25.	44.8
00400	PH (STANDARD UNITS)	11/30/77-04/07/98	10	6.2	6.42	7.5	6.	0.24	0.489	6.	6.075	6.75	7.44
00400	CONVERTED PH (STANDARD UNITS)	11/30/77-04/07/98	10	6.189	6.255	7.5	6.	0.27	0.519	6.	6.075	6.75	7.44
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/30/77-04/07/98	10	0.648	0.556	1.	0.032	0.135	0.367	0.041	0.181	0.846	1.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/30/77-04/07/98	9	6.	17.444	68.	1.	460.028	21.448	1.	3.5	26.	68.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/30/77-04/07/98	10	0.885	0.79	1.03	0.39	0.049	0.22	0.398	0.628	0.948	1.027
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	11/30/77-04/07/98	10	1.6	1.51	2.3	0.7	0.219	0.468	0.71	1.25	1.725	2.25
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/30/77-04/07/98	10	0.205	0.226	0.43	0.08	0.016	0.125	0.081	0.12	0.368	0.426
01002	ARSENIC, TOTAL (UG/L AS AS)	11/30/77-04/07/98	10 ##	0.5	0.95	3.	0.5	0.747	0.864	0.5	0.5	1.25	2.9
01027	CADMIUM, TOTAL (UG/L AS CD)	11/30/77-04/07/98	9 ##	0.5	1.389	4.	0.5	1.736	1.318	0.5	0.5	2.5	4.
01034	CHROMIUM, TOTAL (UG/L AS CR)	11/30/77-04/07/98	10	1.5	2.65	8.	0.5	8.614	2.935	0.5	0.5	4.25	8.
01042	COPPER, TOTAL (UG/L AS CU)	11/30/77-04/07/98	10	13.	14.9	39.	7.	82.989	9.11	7.2	9.	16.5	36.9
01051	LEAD, TOTAL (UG/L AS PB)	11/30/77-04/07/98	10	10.	12.	50.	5.	184.444	13.581	5.	5.	10.	46.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-04/07/98	9	164.	1839.889	11400.	1.	14135128.611	3759.671	1.	21.	2310.	11400.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-04/07/98	9	2.215	2.182	4.057	0.	1.656	1.287	0.	1.167	3.297	4.057
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			152.119								
71900	MERCURY, TOTAL (UG/L AS HG)	11/30/77-04/07/98	9 ##	0.1	0.2	0.6	0.1	0.03	0.173	0.1	0.1	0.3	0.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station CHCH0354

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/01/77-10/06/87	4	1.	1.	1.	1.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/30/77-04/07/98	4	17.5	16.75	25.	7.	58.917	7.676	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/30/77-10/14/92	4	206.	210.	248.	180.	1008.	31.749	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/30/77-04/07/98	4	8.6	8.55	10.6	6.4	3.11	1.764	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	01/25/79-04/07/98	4	5.5	5.625	9.	2.5	7.229	2.689	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station CHCH0354

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	11/30/77-04/07/98	3	7.	7.033	7.3	6.8	0.063	0.252	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/30/77-04/07/98	3	7.	6.988	7.3	6.8	0.066	0.258	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/30/77-04/07/98	3	0.1	0.103	0.158	0.05	0.003	0.054	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/30/77-04/07/98	4	8.	7.75	13.	2.	20.917	4.573	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/30/77-04/07/98	4	0.845	0.823	1.14	0.46	0.083	0.287	**	**	**	**
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	11/30/77-04/07/98	4	0.9	0.875	1.1	0.6	0.043	0.206	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/30/77-04/07/98	4	0.225	0.208	0.25	0.13	0.003	0.054	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	11/30/77-04/07/98	4 ##	0.75	0.75	1.	0.5	0.083	0.289	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	11/30/77-04/07/98	4 ##	0.75	0.75	1.	0.5	0.083	0.289	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	11/30/77-04/07/98	4 ##	0.75	1.	2.	0.5	0.5	0.707	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	11/30/77-04/07/98	4	14.	14.5	20.	10.	19.667	4.435	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	11/30/77-04/07/98	4 ##	5.	8.75	20.	5.	56.25	7.5	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-04/07/98	4	150.	156.	240.	84.	4704.	68.586	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-04/07/98	4	2.167	2.16	2.38	1.924	0.04	0.2	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			144.456								
71900	MERCURY, TOTAL (UG/L AS HG)	11/30/77-04/07/98	4 ##	0.1	0.2	0.5	0.1	0.04	0.2	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station CHCH0354

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/01/77-10/06/87	4	1.	1.	1.	1.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/30/77-04/07/98	4	15.25	15.875	25.	8.	52.063	7.215	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/30/77-10/14/92	4	226.5	230.75	287.	183.	2030.917	45.066	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/30/77-04/07/98	3	8.5	8.333	9.4	7.1	1.343	1.159	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	01/25/79-04/07/98	4	7.5	7.125	11.	2.5	13.729	3.705	**	**	**	**
00400	PH (STANDARD UNITS)	11/30/77-04/07/98	4	7.1	7.	7.4	6.4	0.207	0.455	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/30/77-04/07/98	4	7.055	6.814	7.4	6.4	0.253	0.503	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/30/77-04/07/98	4	0.088	0.153	0.398	0.04	0.028	0.168	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/30/77-04/07/98	4	16.	21.75	45.	10.	248.917	15.777	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/30/77-04/07/98	4	0.905	0.89	1.1	0.65	0.035	0.188	**	**	**	**
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	11/30/77-04/07/98	4	0.75	0.6	0.8	0.1	0.113	0.337	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/30/77-04/07/98	4	0.21	0.19	0.31	0.03	0.014	0.119	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	11/30/77-04/07/98	4 ##	0.5	0.625	1.	0.5	0.063	0.25	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	11/30/77-04/07/98	4 ##	0.5	0.875	2.	0.5	0.563	0.75	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	11/30/77-04/07/98	4	5.	5.125	10.	0.5	15.729	3.966	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	11/30/77-04/07/98	4	8.	9.5	15.	7.	13.667	3.697	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	11/30/77-04/07/98	4 ##	5.	8.5	19.	5.	49.	7.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-04/07/98	4	685.	752.5	1500.	140.	440491.667	663.695	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-04/07/98	4	2.724	2.692	3.176	2.146	0.249	0.499	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			492.43								
71900	MERCURY, TOTAL (UG/L AS HG)	11/30/77-04/07/98	4 ##	0.1	0.125	0.2	0.1	0.003	0.05	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station CHCH0354

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/01/77-10/06/87	3	1.	1.	1.	1.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/30/77-04/07/98	3	16.	14.167	19.5	7.	41.583	6.449	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/30/77-10/14/92	2	229.5	229.5	256.	203.	1404.5	37.477	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/30/77-04/07/98	2	6.1	6.1	7.7	4.5	5.12	2.263	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	01/25/79-04/07/98	3	12.	12.7	23.6	2.5	111.67	10.567	**	**	**	**
00400	PH (STANDARD UNITS)	11/30/77-04/07/98	3	6.9	6.9	7.3	6.5	0.16	0.4	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station CHCH0354

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	CONVERTED PH (STANDARD UNITS)	11/30/77-04/07/98	3	6.9	6.785	7.3	6.5	0.18	0.424	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/30/77-04/07/98	3	0.126	0.164	0.316	0.05	0.019	0.137	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/30/77-04/07/98	3	5.	14.833	39.	0.5	443.083	21.05	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/30/77-04/07/98	3	0.52	0.443	0.79	0.02	0.153	0.391	**	**	**	**
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	11/30/77-04/07/98	3	0.4	0.567	0.9	0.4	0.083	0.289	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/30/77-04/07/98	3	0.13	0.108	0.17	0.025	0.006	0.075	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	11/30/77-04/07/98	3 ##	0.5	0.667	1.	0.5	0.083	0.289	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	11/30/77-04/07/98	3	1.	1.333	2.	1.	0.333	0.577	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	11/30/77-04/07/98	3	6.	9.167	19.	2.5	75.583	8.694	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	11/30/77-04/07/98	3	9.	7.333	10.	3.	14.333	3.786	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	11/30/77-04/07/98	3	22.	19.333	25.	11.	54.333	7.371	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-04/07/98	3	310.	1506.667	4100.	110.	5054033.333	2248.118	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-04/07/98	3	2.491	2.715	3.613	2.041	0.655	0.809	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			519.014								
71900	MERCURY, TOTAL (UG/L AS HG)	11/30/77-04/07/98	3 ##	0.1	0.167	0.3	0.1	0.013	0.115	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station CHCH0354

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/01/77-10/06/87	3	1.	1.	1.	1.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/30/77-04/07/98	3	17.	16.667	28.	5.	132.333	11.504	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/30/77-10/14/92	3	238.	187.667	293.	32.	18930.333	137.588	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/30/77-04/07/98	3	7.7	7.9	11.2	4.8	10.27	3.205	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	01/25/79-04/07/98	3	25.7	25.867	37.5	14.4	133.423	11.551	**	**	**	**
00400	PH (STANDARD UNITS)	11/30/77-04/07/98	3	7.3	7.333	7.6	7.1	0.063	0.252	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/30/77-04/07/98	3	7.3	7.288	7.6	7.1	0.066	0.258	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/30/77-04/07/98	3	0.05	0.052	0.079	0.025	0.001	0.027	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/30/77-04/07/98	3	9.	16.667	35.	6.	254.333	15.948	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/30/77-04/07/98	3	0.9	0.66	0.98	0.1	0.237	0.487	**	**	**	**
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	11/30/77-04/07/98	3	0.3	0.367	0.5	0.3	0.013	0.115	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/30/77-04/07/98	3	0.14	0.143	0.27	0.02	0.016	0.125	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	11/30/77-04/07/98	3	1.	1.167	2.	0.5	0.583	0.764	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	11/30/77-04/07/98	3 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	11/30/77-04/07/98	3 ##	5.	7.167	14.	2.5	36.583	6.048	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	11/30/77-04/07/98	3	10.	31.333	76.	8.	1497.333	38.695	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	11/30/77-04/07/98	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-04/07/98	3 ##	5.	503.333	1500.	5.	745008.333	863.139	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-04/07/98	3 ##	0.699	1.525	3.176	0.699	2.045	1.43	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			33.472								
71900	MERCURY, TOTAL (UG/L AS HG)	11/30/77-04/07/98	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station CHCH0354

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/01/77-10/06/87	4	1.	1.	1.	1.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/30/77-04/07/98	4	15.	15.625	26.	6.5	80.563	8.976	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/30/77-10/14/92	4	264.	265.25	306.	227.	1394.917	37.349	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/30/77-04/07/98	4	8.85	8.675	11.	6.	7.009	2.647	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	01/25/79-04/07/98	4 ##	4.25	8.75	24.	2.5	106.083	10.3	**	**	**	**
00400	PH (STANDARD UNITS)	11/30/77-04/07/98	4	7.35	7.4	7.8	7.1	0.1	0.316	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/30/77-04/07/98	4	7.325	7.323	7.8	7.1	0.108	0.328	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station CHCH0354

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/30/77-04/07/98	4	0.047	0.048	0.079	0.016	0.001	0.029	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/30/77-04/07/98	5	3.	5.8	18.	0.5	53.575	7.319	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/30/77-04/07/98	4	0.465	0.438	0.56	0.26	0.018	0.134	**	**	**	**
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	11/30/77-04/07/98	4	0.35	0.35	0.5	0.2	0.03	0.173	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/30/77-04/07/98	4	0.15	0.263	0.64	0.11	0.065	0.254	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	11/30/77-04/07/98	4 ##	1.	2.	5.	1.	4.	2.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	11/30/77-04/07/98	4 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	11/30/77-04/07/98	4 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	11/30/77-04/07/98	4 ##	4.25	8.5	23.	2.5	96.167	9.806	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	11/30/77-04/07/98	4 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-04/07/98	4	30.	222.5	810.	20.	153491.667	391.78	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-04/07/98	4	1.452	1.778	2.908	1.301	0.588	0.767	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			60.								
71900	MERCURY, TOTAL (UG/L AS HG)	11/30/77-04/07/98	4 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station CHCH0354

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/30/77-04/07/98	4	17.75	17.125	26.	7.	62.729	7.92	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/30/77-10/14/92	4	254.5	260.	336.	195.	3822.	61.822	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/30/77-04/07/98	4	6.25	6.55	9.2	4.5	4.003	2.001	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	01/25/79-04/07/98	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	11/30/77-04/07/98	3	7.	7.167	7.6	6.9	0.143	0.379	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/30/77-04/07/98	3	7.	7.077	7.6	6.9	0.155	0.394	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/30/77-04/07/98	3	0.1	0.084	0.126	0.025	0.003	0.052	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/30/77-04/07/98	3	14.	38.333	90.	11.	2004.333	44.77	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/30/77-04/07/98	4	0.935	1.1	2.27	0.26	0.717	0.847	**	**	**	**
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	11/30/77-04/07/98	4	0.35	0.363	0.7	0.05	0.086	0.293	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/30/77-04/07/98	4	0.245	0.268	0.49	0.09	0.03	0.174	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	11/30/77-04/07/98	4 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	11/30/77-04/07/98	4 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	11/30/77-04/07/98	4 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	11/30/77-04/07/98	4	10.5	20.75	54.	8.	494.25	22.232	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	11/30/77-04/07/98	4 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-04/07/98	4	2500.	2527.5	5100.	10.	6985691.667	2643.046	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-04/07/98	4	3.176	2.765	3.708	1.	1.599	1.265	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			582.02								
71900	MERCURY, TOTAL (UG/L AS HG)	11/30/77-04/07/98	4 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station CHCH0354

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/30/77-04/07/98	4	15.	15.5	23.	9.	43.667	6.608	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/30/77-10/14/92	4	211.	224.5	290.	186.	2195.667	46.858	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/30/77-04/07/98	4	7.75	7.925	9.5	6.7	1.949	1.396	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	01/25/79-04/07/98	3 ##	2.5	7.833	18.5	2.5	85.333	9.238	**	**	**	**
00400	PH (STANDARD UNITS)	11/30/77-04/07/98	4	7.	7.05	7.3	6.9	0.037	0.191	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/30/77-04/07/98	4	6.989	7.021	7.3	6.9	0.038	0.194	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/30/77-04/07/98	4	0.103	0.095	0.126	0.05	0.001	0.037	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/30/77-04/07/98	4	7.	18.25	56.	3.	642.917	25.356	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/30/77-04/07/98	3	0.63	0.623	0.8	0.44	0.032	0.18	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station CHCH0354

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	11/30/77-04/07/98	3	0.3	0.3	0.4	0.2	0.01	0.1	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/30/77-04/07/98	3	0.15	0.2	0.32	0.13	0.011	0.104	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	11/30/77-04/07/98	4 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	11/30/77-04/07/98	4 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	11/30/77-04/07/98	4 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	11/30/77-04/07/98	4 ##	2.5	4.625	11.	2.5	18.063	4.25	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	11/30/77-04/07/98	4 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-04/07/98	4	1205.	1360.	3000.	30.	1738200.	1318.408	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-04/07/98	4	3.02	2.749	3.477	1.477	0.802	0.895	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			560.675								
71900	MERCURY, TOTAL (UG/L AS HG)	11/30/77-04/07/98	4 ##	0.1	1.225	4.6	0.1	5.062	2.25	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station CHCH0354

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/30/77-04/07/98	4	18.15	17.775	25.	9.8	44.109	6.641	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/30/77-10/14/92	3	247.	239.333	258.	213.	550.333	23.459	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/30/77-04/07/98	4	7.9	8.05	10.4	6.	4.757	2.181	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	01/25/79-04/07/98	4	14.	13.15	22.1	2.5	65.317	8.082	**	**	**	**
00400	PH (STANDARD UNITS)	11/30/77-04/07/98	4	7.5	7.5	7.6	7.4	0.007	0.082	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/30/77-04/07/98	4	7.5	7.494	7.6	7.4	0.007	0.082	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/30/77-04/07/98	4	0.032	0.032	0.04	0.025	0.	0.006	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/30/77-04/07/98	4	20.5	21.625	45.	0.5	339.896	18.436	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/30/77-04/07/98	4	0.47	0.433	0.55	0.24	0.02	0.142	**	**	**	**
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	11/30/77-04/07/98	4	0.4	0.375	0.5	0.2	0.023	0.15	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/30/77-04/07/98	4	0.13	0.22	0.51	0.11	0.037	0.194	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	11/30/77-04/07/98	4 ##	1.	0.875	1.	0.5	0.063	0.25	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	11/30/77-04/07/98	4 ##	1.	1.25	2.	1.	0.25	0.5	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	11/30/77-04/07/98	4 ##	5.	3.875	5.	0.5	5.063	2.25	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	11/30/77-04/07/98	4 ##	2.5	4.	9.	2.	11.167	3.342	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	11/30/77-04/07/98	4 ##	5.	6.25	10.	5.	6.25	2.5	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-04/07/98	3	1000.	860.667	1540.	42.	575561.333	758.658	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-04/07/98	3	3.	2.604	3.188	1.623	0.73	0.854	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			401.412								
71900	MERCURY, TOTAL (UG/L AS HG)	11/30/77-04/07/98	4 ##	0.1	0.125	0.2	0.1	0.003	0.05	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station CHCH0354

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/30/77-04/07/98	3	18.6	17.467	24.8	9.	63.373	7.961	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/30/77-10/14/92	3	237.	237.333	259.	216.	462.333	21.502	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/30/77-04/07/98	3	7.8	7.933	9.3	6.7	1.703	1.305	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	01/25/79-04/07/98	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	11/30/77-04/07/98	3	7.3	7.4	7.7	7.2	0.07	0.265	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/30/77-04/07/98	3	7.3	7.353	7.7	7.2	0.073	0.271	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/30/77-04/07/98	3	0.05	0.044	0.063	0.02	0.	0.022	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/30/77-04/07/98	3	9.	10.667	22.	1.	112.333	10.599	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/30/77-04/07/98	4	0.58	0.593	0.75	0.46	0.022	0.149	**	**	**	**
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	11/30/77-04/07/98	4	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/30/77-04/07/98	4	0.07	0.153	0.44	0.03	0.037	0.193	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	11/30/77-04/07/98	3 ##	1.	0.833	1.	0.5	0.083	0.289	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station CHCH0354

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01027	CADMIUM, TOTAL (UG/L AS CD)	11/30/77-04/07/98	3 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	11/30/77-04/07/98	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	11/30/77-04/07/98	3	9.	8.	10.	5.	7.	2.646	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	11/30/77-04/07/98	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-04/07/98	3	210.	470.	1000.	200.	210700.	459.021	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-04/07/98	3	2.322	2.541	3.	2.301	0.158	0.398	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			347.603								
71900	MERCURY, TOTAL (UG/L AS HG)	11/30/77-04/07/98	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station CHCH0354

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/30/77-04/07/98	4	18.6	17.875	24.1	10.2	33.009	5.745	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/30/77-10/14/92	3	256.	259.667	288.	235.	712.333	26.69	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/30/77-04/07/98	4	8.4	8.125	9.6	6.1	2.149	1.466	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	01/25/79-04/07/98	4 ##	4.05	4.725	8.3	2.5	7.816	2.796	**	**	**	**
00400	PH (STANDARD UNITS)	11/30/77-04/07/98	4	7.525	7.573	7.87	7.37	0.048	0.22	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/30/77-04/07/98	4	7.519	7.535	7.87	7.37	0.05	0.224	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/30/77-04/07/98	4	0.03	0.029	0.043	0.013	0.	0.013	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/30/77-04/07/98	3	3.	3.5	7.	0.5	10.75	3.279	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/30/77-04/07/98	4	0.745	0.98	1.82	0.61	0.318	0.564	**	**	**	**
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	11/30/77-04/07/98	4	0.3	0.35	0.5	0.3	0.01	0.1	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/30/77-04/07/98	4	0.07	0.065	0.09	0.03	0.001	0.026	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	11/30/77-04/07/98	3 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	11/30/77-04/07/98	3 ##	0.5	1.	2.	0.5	0.75	0.866	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	11/30/77-04/07/98	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	11/30/77-04/07/98	3	3.	3.167	4.	2.5	0.583	0.764	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	11/30/77-04/07/98	3 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-04/07/98	3	950.	2460.667	6400.	32.	11849441.333	3442.302	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-04/07/98	3	2.978	2.763	3.806	1.505	1.358	1.165	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			579.453								
71900	MERCURY, TOTAL (UG/L AS HG)	11/30/77-04/07/98	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station CHCH0354

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/30/77-04/07/98	3	19.	19.567	29.	10.7	83.963	9.163	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/30/77-04/07/98	3	7.6	8.333	10.4	7.	3.293	1.815	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	01/25/79-04/07/98	4 ##	5.7	6.675	12.8	2.5	25.776	5.077	**	**	**	**
00400	PH (STANDARD UNITS)	11/30/77-04/07/98	3	7.59	6.657	7.7	4.68	2.933	1.713	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/30/77-04/07/98	3	7.59	5.156	7.7	4.68	6.311	2.512	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/30/77-04/07/98	3	0.026	6.98	20.893	0.02	145.187	12.049	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/30/77-04/07/98	4 ##	4.25	6.5	17.	0.5	61.5	7.842	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/30/77-04/07/98	4	0.305	0.348	0.54	0.24	0.019	0.137	**	**	**	**
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	11/30/77-04/07/98	4	0.35	0.525	1.1	0.3	0.149	0.386	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/30/77-04/07/98	4 ##	0.068	0.08	0.18	0.005	0.008	0.089	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	11/30/77-04/07/98	4 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	11/30/77-04/07/98	4 ##	0.5	0.625	1.	0.5	0.063	0.25	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	11/30/77-04/07/98	4 ##	0.5	3.125	11.	0.5	27.563	5.25	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	11/30/77-04/07/98	4	6.	7.25	11.	6.	6.25	2.5	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	11/30/77-04/07/98	4 ##	2.	2.5	4.	2.	1.	1.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station CHCH0354

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-04/07/98	4	6020.	11017.5	32000.	30.	227487091.667	15082.675	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-04/07/98	4	2.841	2.916	4.505	1.477	2.558	1.599	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			823.907								
71900	MERCURY, TOTAL (UG/L AS HG)	11/30/77-04/07/98	4 ##	0.1	0.15	0.3	0.1	0.01	0.1	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station CHCH0354

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/30/77-04/07/98	4	17.7	16.575	25.	5.9	64.416	8.026	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/30/77-04/07/98	4	6.6	6.3	10.8	1.2	16.287	4.036	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	01/25/79-04/07/98	4 ##	8.6	13.325	33.6	2.5	215.776	14.689	**	**	**	**
00400	PH (STANDARD UNITS)	11/30/77-04/07/98	4	7.755	7.772	7.9	7.68	0.01	0.102	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/30/77-04/07/98	4	7.752	7.764	7.9	7.68	0.011	0.103	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/30/77-04/07/98	4	0.018	0.017	0.021	0.013	0.	0.004	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/30/77-04/07/98	4	9.	9.	14.	4.	16.667	4.082	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/30/77-04/07/98	4	0.705	0.75	1.12	0.47	0.076	0.276	**	**	**	**
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	11/30/77-04/07/98	2	0.25	0.25	0.3	0.2	0.005	0.071	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/30/77-04/07/98	4 ##	0.068	0.263	0.91	0.005	0.19	0.436	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	11/30/77-04/07/98	4 ##	1.	0.875	1.	0.5	0.063	0.25	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	11/30/77-04/07/98	4 ##	0.75	1.	2.	0.5	0.5	0.707	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	11/30/77-04/07/98	4 ##	1.75	2.25	5.	0.5	4.083	2.021	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	11/30/77-04/07/98	4	9.	10.125	20.	2.5	69.396	8.33	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	11/30/77-04/07/98	4 ##	2.	1.875	2.5	1.	0.396	0.629	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-04/07/98	4	1495.	24751.5	96000.	16.	2256657115.667	47504.285	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-04/07/98	4	3.172	3.133	4.982	1.204	2.383	1.544	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1357.516								
71900	MERCURY, TOTAL (UG/L AS HG)	11/30/77-04/07/98	4 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station CHCH0354

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/30/77-04/07/98	4	19.15	18.45	28.9	6.6	84.577	9.197	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/30/77-04/07/98	4	7.85	8.025	10.2	6.2	3.309	1.819	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	01/25/79-04/07/98	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	11/30/77-04/07/98	4	7.73	7.753	8.4	7.15	0.29	0.539	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/30/77-04/07/98	4	7.681	7.536	8.4	7.15	0.353	0.594	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/30/77-04/07/98	4	0.021	0.029	0.071	0.004	0.001	0.03	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/30/77-04/07/98	4	11.	12.25	24.	3.	108.25	10.404	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/30/77-04/07/98	2	0.205	0.205	0.36	0.05	0.048	0.219	**	**	**	**
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	11/30/77-04/07/98	2	0.45	0.45	0.7	0.2	0.125	0.354	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/30/77-04/07/98	2 ##	0.168	0.168	0.33	0.005	0.053	0.23	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	11/30/77-04/07/98	4 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	11/30/77-04/07/98	4 ##	1.5	2.	4.	1.	2.	1.414	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	11/30/77-04/07/98	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	11/30/77-04/07/98	4	13.	12.5	18.	6.	41.	6.403	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	11/30/77-04/07/98	4 ##	0.5	4.125	15.	0.5	52.563	7.25	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-04/07/98	4	239.	695.5	2300.	4.	1192033.	1091.803	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-04/07/98	4	1.788	1.885	3.362	0.602	1.803	1.343	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			76.691								
71900	MERCURY, TOTAL (UG/L AS HG)	11/30/77-04/07/98	2 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1996 - Station CHCH0354

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/30/77-04/07/98	1	11.2	11.2	11.2	11.2	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/30/77-04/07/98	1	9.3	9.3	9.3	9.3	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	11/30/77-04/07/98	1	7.77	7.77	7.77	7.77	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/30/77-04/07/98	1	7.77	7.77	7.77	7.77	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/30/77-04/07/98	1	0.017	0.017	0.017	0.017	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/30/77-04/07/98	2	8.	8.	11.	5.	18.	4.243	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	11/30/77-04/07/98	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	11/30/77-04/07/98	2 ##	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	11/30/77-04/07/98	2 ##	1.75	1.75	2.5	1.	1.125	1.061	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	11/30/77-04/07/98	2 ##	4.25	4.25	6.	2.5	6.125	2.475	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	11/30/77-04/07/98	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-04/07/98	2	2960.	2960.	5600.	320.	13939200.	3733.524	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-04/07/98	2	3.127	3.127	3.748	2.505	0.773	0.879	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1338.656								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1997 - Station CHCH0354

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/30/77-04/07/98	1	19.4	19.4	19.4	19.4	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/30/77-04/07/98	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	01/25/79-04/07/98	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	11/30/77-04/07/98	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/30/77-04/07/98	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/30/77-04/07/98	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/30/77-04/07/98	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/30/77-04/07/98	1	0.19	0.19	0.19	0.19	0.	0.	**	**	**	**
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	11/30/77-04/07/98	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/30/77-04/07/98	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	11/30/77-04/07/98	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	11/30/77-04/07/98	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	11/30/77-04/07/98	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	11/30/77-04/07/98	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	11/30/77-04/07/98	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-04/07/98	1	8.	8.	8.	8.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-04/07/98	1	0.903	0.903	0.903	0.903	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			8.								
71900	MERCURY, TOTAL (UG/L AS HG)	11/30/77-04/07/98	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1998 - Station CHCH0354

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/30/77-04/07/98	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/30/77-04/07/98	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	01/25/79-04/07/98	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	11/30/77-04/07/98	1	8.25	8.25	8.25	8.25	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/30/77-04/07/98	1	8.25	8.25	8.25	8.25	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/30/77-04/07/98	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/30/77-04/07/98	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/30/77-04/07/98	1	0.43	0.43	0.43	0.43	0.	0.	**	**	**	**
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	11/30/77-04/07/98	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/30/77-04/07/98	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1998 - Station CHCH0354

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01002	ARSENIC, TOTAL (UG/L AS AS)	11/30/77-04/07/98	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	11/30/77-04/07/98	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	11/30/77-04/07/98	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	11/30/77-04/07/98	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	11/30/77-04/07/98	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-04/07/98	1	390.	390.	390.	390.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-04/07/98	1	2.591	2.591	2.591	2.591	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			390.								
71900	MERCURY, TOTAL (UG/L AS HG)	11/30/77-04/07/98	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 6/01 to 10/31 - Station CHCH0354

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/01/77-10/06/87	59	1.	132.119	512.	1.	32785.382	181.067	1.	1.	311.	461.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/30/77-04/07/98	49	24.	22.369	29.	14.	15.823	3.978	17.	19.2	25.	27.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/30/77-10/14/92	42	239.	243.333	336.	112.	1988.13	44.588	190.	213.5	278.	301.4
00300	OXYGEN, DISSOLVED MG/L	11/30/77-04/07/98	47	6.7	6.645	8.8	4.5	0.96	0.98	5.38	6.	7.1	8.12
00335	COD, .025N K2CR2O7 MG/L	01/25/79-04/07/98	43	7.	9.656	43.	2.5	85.38	9.24	2.5	2.5	13.	23.6
00400	PH (STANDARD UNITS)	11/30/77-04/07/98	46	7.3	7.185	8.4	4.68	0.403	0.635	6.31	6.9	7.592	7.803
00400	CONVERTED PH (STANDARD UNITS)	11/30/77-04/07/98	46	7.3	6.237	8.4	4.68	1.321	1.149	6.31	6.9	7.592	7.803
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/30/77-04/07/98	46	0.05	0.579	20.893	0.004	9.42	3.069	0.016	0.026	0.126	0.517
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/30/77-04/07/98	50	6.5	9.95	68.	0.5	134.482	11.597	0.5	2.75	14.25	23.9
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/12/83-04/07/98	23	0.04	0.07	0.25	0.01	0.004	0.067	0.01	0.02	0.12	0.192
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/30/77-04/07/98	47	0.69	0.708	2.27	0.02	0.164	0.405	0.256	0.46	0.89	1.3
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	11/30/77-04/07/98	48	0.4	0.617	1.8	0.05	0.218	0.467	0.2	0.3	0.875	1.42
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/30/77-04/07/98	48	0.185	0.234	0.91	0.005	0.039	0.197	0.02	0.095	0.343	0.492
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/26/83-04/07/98	26	107.	111.269	169.	53.	1029.885	32.092	60.	90.5	140.	156.
01002	ARSENIC, TOTAL (UG/L AS AS)	11/30/77-04/07/98	50 ##	1.	0.89	3.	0.5	0.268	0.518	0.5	0.5	1.	1.9
01027	CADMIUM, TOTAL (UG/L AS CD)	11/30/77-04/07/98	49 ##	1.	1.082	4.	0.5	0.795	0.892	0.5	0.5	1.	2.
01034	CHROMIUM, TOTAL (UG/L AS CR)	11/30/77-04/07/98	50 ##	2.	2.61	14.	0.5	6.819	2.611	0.5	0.5	5.	5.
01042	COPPER, TOTAL (UG/L AS CU)	11/30/77-04/07/98	50	9.	13.59	83.	0.5	250.895	15.84	2.5	5.5	15.25	28.
01051	LEAD, TOTAL (UG/L AS PB)	11/30/77-04/07/98	50 ##	5.	9.09	60.	0.5	131.578	11.471	2.	4.375	10.	20.
01067	NICKEL, TOTAL (UG/L AS NI)	04/12/83-04/07/98	25 ##	10.	7.58	12.	1.5	11.389	3.375	1.5	5.	10.	10.
01092	ZINC, TOTAL (UG/L AS ZN)	04/21/82-04/07/98	25	16.	27.94	187.	2.5	1643.757	40.543	2.5	5.	27.75	79.2
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-04/07/98	48	115.	772.938	11400.	4.	3902790.911	1975.548	9.8	28.5	575.	1551.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-04/07/98	48	2.06	2.077	4.057	0.602	0.732	0.856	0.99	1.455	2.757	3.191
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			119.413								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	11/21/78-04/07/98	40	180.	1731.775	28000.	1.	22558516.589	4749.581	18.4	57.	1515.	3390.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	11/21/78-04/07/98	40	2.253	2.377	4.447	0.	0.872	0.934	1.264	1.756	3.18	3.53
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			238.161								
71900	MERCURY, TOTAL (UG/L AS HG)	11/30/77-04/07/98	48 ##	0.1	0.26	4.6	0.1	0.443	0.666	0.1	0.1	0.175	0.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 2/29 - Station CHCH0354

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/01/77-10/06/87	29	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/30/77-04/07/98	33	8.5	8.476	15.	5.	5.626	2.372	5.66	6.5	10.	11.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/30/77-10/14/92	27	230.	228.481	310.	32.	3834.336	61.922	160.	195.	280.	300.4
00300	OXYGEN, DISSOLVED MG/L	11/30/77-04/07/98	31	9.6	9.877	11.2	8.8	0.529	0.727	9.1	9.3	10.5	10.98
00335	COD, .025N K2CR2O7 MG/L	01/25/79-04/07/98	27	9.	12.185	49.	2.5	120.068	10.958	2.5	2.5	15.	31.
00400	PH (STANDARD UNITS)	11/30/77-04/07/98	31	7.1	7.062	7.94	5.6	0.321	0.566	6.06	6.9	7.4	7.78
00400	CONVERTED PH (STANDARD UNITS)	11/30/77-04/07/98	31	7.1	6.614	7.94	5.6	0.528	0.727	6.06	6.9	7.4	7.78
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/30/77-04/07/98	31	0.079	0.243	2.512	0.011	0.255	0.505	0.017	0.04	0.126	0.9
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/30/77-04/07/98	33	9.	17.97	110.	1.	588.718	24.264	3.4	5.	17.5	51.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/12/83-04/07/98	12	0.085	0.109	0.35	0.	0.01	0.1	0.002	0.038	0.175	0.308
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/30/77-04/07/98	32	0.81	0.82	1.8	0.05	0.106	0.326	0.419	0.623	0.945	1.27
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	11/30/77-04/07/98	32	0.5	0.544	1.5	0.2	0.099	0.314	0.2	0.3	0.7	1.04
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/30/77-04/07/98	33	0.16	0.191	0.64	0.005	0.017	0.13	0.06	0.11	0.235	0.384
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/26/83-04/07/98	13	112.	110.077	163.	62.	796.744	28.227	62.8	92.5	123.5	155.4
01002	ARSENIC, TOTAL (UG/L AS AS)	11/30/77-04/07/98	33 ##	0.5	0.833	2.	0.5	0.198	0.445	0.5	0.5	1.	1.6
01027	CADMIUM, TOTAL (UG/L AS CD)	11/30/77-04/07/98	33 ##	0.5	0.864	3.	0.5	0.348	0.59	0.5	0.5	1.	2.
01034	CHROMIUM, TOTAL (UG/L AS CR)	11/30/77-04/07/98	33 ##	2.	11.848	293.	0.5	2556.601	50.563	0.5	0.5	5.	10.
01042	COPPER, TOTAL (UG/L AS CU)	11/30/77-04/07/98	33	10.	9.848	19.	2.5	24.039	4.903	2.5	7.	14.	17.
01051	LEAD, TOTAL (UG/L AS PB)	11/30/77-04/07/98	33 ##	5.	8.22	30.	0.25	50.187	7.084	2.2	3.25	10.	20.
01067	NICKEL, TOTAL (UG/L AS NI)	04/12/83-04/07/98	12 ##	10.	7.792	13.	1.5	13.43	3.665	1.95	5.	10.	12.4
01092	ZINC, TOTAL (UG/L AS ZN)	04/21/82-04/07/98	12	18.	29.708	116.	2.5	1047.384	32.363	2.65	7.5	48.25	97.7
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-04/07/98	31	250.	3341.935	73000.	5.	172343215.329	13127.955	5.2	26.	1050.	4200.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-04/07/98	31	2.398	2.275	4.863	0.699	1.126	1.061	0.715	1.415	3.021	3.618

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 2/29 - Station CHCH0354

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			188.568								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	11/21/78-04/07/98	26	292.	3006.115	26000.	5.	44310931.546	6656.646	5.	73.75	1740.	13200.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	11/21/78-04/07/98	26	2.458	2.535	4.415	0.699	1.177	1.085	0.699	1.866	3.24	4.076
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			342.801								
71900	MERCURY, TOTAL (UG/L AS HG)	11/30/77-04/07/98	32 ##	0.1	0.181	1.5	0.1	0.065	0.256	0.1	0.1	0.175	0.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 3/01 to 5/31 - Station CHCH0354

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/01/77-10/06/87	22	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/30/77-04/07/98	28	16.	15.979	22.5	10.	13.387	3.659	10.	13.25	18.9	21.1
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/30/77-10/14/92	21	216.	221.19	290.	130.	2041.662	45.185	156.	185.5	262.5	280.8
00300	OXYGEN, DISSOLVED MG/L	11/30/77-04/07/98	27	7.8	7.511	11.	1.2	4.166	2.041	5.38	6.2	8.7	10.24
00335	COD, .025N K2CR2O7 MG/L	01/25/79-04/07/98	24	9.5	10.646	45.	2.5	116.23	10.781	2.5	2.5	14.575	28.6
00400	PH (STANDARD UNITS)	11/30/77-04/07/98	26	7.15	7.097	8.25	6.	0.373	0.611	6.24	6.475	7.6	7.83
00400	CONVERTED PH (STANDARD UNITS)	11/30/77-04/07/98	26	7.15	6.717	8.25	6.	0.523	0.723	6.24	6.475	7.6	7.83
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/30/77-04/07/98	26	0.071	0.192	1.	0.006	0.068	0.26	0.015	0.025	0.337	0.589
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/30/77-04/07/98	28	14.	16.232	45.	0.5	118.99	10.908	2.9	9.25	21.75	33.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/12/83-04/07/98	13	0.07	0.071	0.15	0.005	0.003	0.054	0.007	0.01	0.115	0.15
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/30/77-04/07/98	28	0.64	0.895	4.3	0.24	0.643	0.802	0.343	0.448	1.03	1.712
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	11/30/77-04/07/98	27	0.4	0.537	2.3	0.05	0.243	0.493	0.09	0.3	0.6	1.28
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/30/77-04/07/98	28	0.155	0.153	0.41	0.002	0.007	0.085	0.028	0.11	0.2	0.229
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/26/83-04/07/98	14	101.5	109.286	142.	86.	368.835	19.205	87.	93.5	126.75	140.
01002	ARSENIC, TOTAL (UG/L AS AS)	11/30/77-04/07/98	29 ##	0.5	0.983	5.	0.5	0.884	0.94	0.5	0.5	1.	2.
01027	CADMIUM, TOTAL (UG/L AS CD)	11/30/77-04/07/98	29 ##	0.5	0.948	3.	0.5	0.417	0.646	0.5	0.5	1.	2.
01034	CHROMIUM, TOTAL (UG/L AS CR)	11/30/77-04/07/98	29 ##	1.	2.224	19.	0.5	12.921	3.595	0.5	0.5	2.25	5.
01042	COPPER, TOTAL (UG/L AS CU)	11/30/77-04/07/98	29	10.	12.086	54.	0.5	109.412	10.46	2.5	5.	17.	23.
01051	LEAD, TOTAL (UG/L AS PB)	11/30/77-04/07/98	29 ##	5.	7.448	40.	0.5	69.417	8.332	0.5	2.5	10.	20.
01067	NICKEL, TOTAL (UG/L AS NI)	04/12/83-04/07/98	14 ##	5.	6.357	10.	1.5	9.593	3.097	1.5	5.	10.	10.
01092	ZINC, TOTAL (UG/L AS ZN)	04/21/82-04/07/98	16	12.5	17.438	46.	2.	245.196	15.659	2.	3.75	33.75	43.9
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-04/07/98	27	810.	5863.852	96000.	1.	361766512.131	19020.161	12.8	116.	2133.	10880.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/30/77-04/07/98	27	2.908	2.695	4.982	0.	1.188	1.09	1.098	2.064	3.329	3.9
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			495.983								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	11/21/78-04/07/98	19	333.	1000.895	5600.	1.	2707960.766	1645.588	2.	14.	1050.	4200.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	11/21/78-04/07/98	19	2.522	2.194	3.748	0.	1.298	1.139	0.301	1.146	3.021	3.623
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			156.148								
71900	MERCURY, TOTAL (UG/L AS HG)	11/30/77-04/07/98	27 ##	0.1	0.13	0.6	0.1	0.011	0.103	0.1	0.1	0.1	0.22

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: CHCH0355

NPS Station ID: CHCH0355
LAT/LON: 35.088059/ -85.260559
Agency: 1113S000
Date Created: / /
Location: S.CHICKAMAUGA CK BLW AMNICOLA HW
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 480125 /TR-CC-12S
RMI-Indexes: 1021500 007720 00920 6180
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 000.50
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001007
RF1 Mile Point: 0.500
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 06020001124000.00
RF3 Mile Point: 0.00
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0355

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/15/68-10/17/68	3	20.5	20.667	21.	20.5	0.083	0.289	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/15/68-10/17/68	3	3.	3.333	4.	3.	0.333	0.577	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	10/15/68-10/15/68	1	17.3	17.3	17.3	17.3	0.	0.	**	**	**	**
00380	CHLORINE DEMAND, 24 HOUR (MG/L)	10/15/68-10/15/68	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/16/68-10/17/68	2	7.65	7.65	7.7	7.6	0.005	0.071	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/16/68-10/17/68	2	7.647	7.647	7.7	7.6	0.005	0.071	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/16/68-10/17/68	2	0.023	0.023	0.025	0.02	0.	0.004	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/16/68-10/17/68	2	139.	139.	142.	136.	18.	4.243	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/16/68-10/17/68	2	2.55	2.55	2.6	2.5	0.005	0.071	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/16/68-10/17/68	2	3.535	3.535	3.87	3.2	0.224	0.474	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/16/68-10/17/68	2	3.55	3.55	3.6	3.5	0.005	0.071	**	**	**	**
00685	CARBON, TOTAL INORGANIC (MG/L AS C)	10/15/68-10/15/68	1	1.	1.	1.	1.	0.	0.	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	10/16/68-10/17/68	2	7.	7.	8.	6.	2.	1.414	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0355

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	3	3	1.00	3	3	1.00									
00400	PH	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0356

NPS Station ID: CHCH0356
LAT/LON: 35.088059/ -85.261116
Agency: 1113S000
Date Created: / /
Location: S.CHICKAMAUGA CK ABV AMNICOLA HW
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 480130 /TR-CC-12N
RMI-Indexes: 1021500 007720 00920 6180
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 000.45
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001007
RF1 Mile Point: 0.500
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 06020001000700.00
RF3 Mile Point: 0.14
Distance from RF3: 0.04
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0356

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/15/68-10/17/68	3	20.5	20.667	21.	20.5	0.083	0.289	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/15/68-10/17/68	3	3.4	3.6	4.	3.4	0.12	0.346	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	10/15/68-10/15/68	1	10.5	10.5	10.5	10.5	0.	0.	**	**	**	**
00380	CHLORINE DEMAND, 24 HOUR (MG/L)	10/15/68-10/15/68	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/16/68-10/17/68	2	7.65	7.65	7.7	7.6	0.005	0.071	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/16/68-10/17/68	2	7.647	7.647	7.7	7.6	0.005	0.071	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/16/68-10/17/68	2	0.023	0.023	0.025	0.02	0.	0.004	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/17/68-10/17/68	1	142.	142.	142.	142.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/15/68-10/17/68	3	2.6	2.6	2.8	2.4	0.04	0.2	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/15/68-10/17/68	3	3.21	3.243	3.56	2.96	0.091	0.301	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/15/68-10/17/68	3	4.	4.067	4.5	3.7	0.163	0.404	**	**	**	**
00685	CARBON, TOTAL INORGANIC (MG/L AS C)	10/15/68-10/15/68	1	1.	1.	1.	1.	0.	0.	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	10/17/68-10/17/68	1	6.	6.	6.	6.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0356

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	3	3	1.00	3	3	1.00									
00400	PH	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	0	0.00	3	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0357

NPS Station ID: CHCH0357
LAT/LON: 35.088059/ -85.267503
Agency: 1113S090
Date Created: / /
Location: SO CHICK CR MIDSTREAM MILE 0.2
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM
STORET Station ID(s): 470090 /SCC-01
RMI-Indexes: 1021500 007720 00920 6180
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 000.20
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001006
RF1 Mile Point: 7.770
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 06020001000604.74
RF3 Mile Point: 5.36
Distance from RF3: 0.05
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0357

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

***** Data for this station locked by controlling agency *****

Station Inventory for Station: CHCH0358

NPS Station ID: CHCH0358 | LAT/LON: 35.088337/ -85.259726 | Agency: 1113S000 | Date Created: / /
Location: S.CHICKAMAUGA CK AMNICOLA HWY BD | FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): 470099 /TR-SC-01
RMI-Indexes: 1021500 007720 00920 6180 | Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 465.90 000.50
HUC: 06020001 | Depth of Water: 0 | Aquifer:
Major Basin: SOUTHEAST | Elevation: 0 | Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN | ECO Region:
RF1 Index: 06020001007 | RF1 Mile Point: 0.500 | Distance from RF1: 16.20 | On/Off RF1: ON
RF3 Index: 06020001010400.00 | RF3 Mile Point: 1.40 | Distance from RF3: 0.13 | On/Off RF3:
Description:
SOUTH CHICKAMAUGA CREEK ON THE UPSTREAM SIDE OF AMNICOLA HIGHWAY BRIDGE AT MILE 0.5.
STUDY CONDUCTED BY CREW FROM SOUTHEAST WATER LABORATORY IN JUNE 1972. CHARLES SWEATT-PROJECT ENGINEER; TOM BENNETT-CHEMIST.

Parameter Inventory for Station: CHCH0358

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/72-06/24/72	3	20.5	20.167	22.	18.	4.083	2.021	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/22/72-06/24/72	3	5.9	6.167	6.7	5.9	0.213	0.462	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	06/23/72-06/24/72	2	0.8	0.8	1.	0.6	0.08	0.283	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/23/72-06/24/72	2	7.3	7.3	7.5	7.1	0.08	0.283	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/23/72-06/24/72	2	7.255	7.255	7.5	7.1	0.084	0.29	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/23/72-06/24/72	2	0.056	0.056	0.079	0.032	0.001	0.034	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	06/23/72-06/24/72	2	168.5	168.5	207.	130.	2964.5	54.447	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	06/23/72-06/24/72	2	144.	144.	165.	123.	882.	29.698	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/23/72-06/24/72	2	24.5	24.5	42.	7.	612.5	24.749	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/23/72-06/24/72	2	0.325	0.325	0.41	0.24	0.014	0.12	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/23/72-06/24/72	2	0.675	0.675	0.9	0.45	0.101	0.318	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/23/72-06/24/72	2	1.065	1.065	1.13	1.	0.008	0.092	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/23/72-06/24/72	2	0.22	0.22	0.25	0.19	0.002	0.042	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/23/72-06/24/72	2	6.	6.	7.	5.	2.	1.414	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	06/23/72-06/24/72	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	06/23/72-06/24/72	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	06/23/72-06/24/72	2	1637.5	1637.5	2500.	775.	1487812.5	1219.759	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	06/23/72-06/24/72	2 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	06/23/72-06/24/72	2	72.5	72.5	95.	50.	1012.5	31.82	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	06/23/72-06/24/72	2 ##	25.	25.	45.	5.	800.	28.284	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/23/72-06/24/72	2	9000.	9000.	11000.	7000.	8000000.	2828.427	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/23/72-06/24/72	2	3.943	3.943	4.041	3.845	0.019	0.139	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			8774.964								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/23/72-06/24/72	2	715.	715.	940.	490.	101250.	318.198	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/23/72-06/24/72	2	2.832	2.832	2.973	2.69	0.04	0.2	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			678.675								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0358

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	3	0	0.00	3	0	0.00									
00403	PH, LAB	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00	2	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	2	0	0.00	2	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	0 &	0	0.00												
		Drinking Water	1300.	2	0	0.00	2	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	2	0	0.00	2	0	0.00									
		Drinking Water	15.	0 &	0	0.00												
01092	ZINC, TOTAL	Fresh Acute	120.	2	0	0.00	2	0	0.00									
		Drinking Water	5000.	2	0	0.00	2	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2	2	1.00	2	2	1.00									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	2	2	1.00	2	2	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0359

NPS Station ID: CHCH0359
Location: S CHICK CR ROXBURY SOU MILLS EFF
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM
RMI-Indexes: 1021500 007720 00920 6180
RMI-Miles: 0953.80 0046.50 468.20 000.30
HUC: 06020001
Major Basin: SOUTHEAST
Minor Basin: TENNESSEE RIVER BASIN
RF1 Index: 06020001007
RF3 Index: 06020001000700.00
Description:

LAT/LON: 35.088337/ -85.264448
Depth of Water: 0
Elevation: 0
RF1 Mile Point: 0.100
RF3 Mile Point: 0.17

Agency: 1113S090
FIPS State/County: 47065 TENNESSEE/HAMILTON
STORET Station ID(s): 470150 /RSM-01
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.02

Date Created: / /
On/Off RF1: ON
On/Off RF3:

Parameter Inventory for Station: CHCH0359

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

***** Data for this station locked by controlling agency *****

Station Inventory for Station: CHCH0360

NPS Station ID: CHCH0360
Location: SO CHICK CR CITY SEWER PUMP STAT
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM
RMI-Indexes: 1021500 007720 00920 6180
RMI-Miles: 0953.80 0046.50 468.20 000.20
HUC: 06020001
Major Basin: SOUTHEAST
Minor Basin: TENNESSEE RIVER BASIN
RF1 Index: 06020001006
RF3 Index: 06020001124100.00
Description:

LAT/LON: 35.088337/ -85.267503

Depth of Water: 0
Elevation: 0

RF1 Mile Point: 7.770
RF3 Mile Point: 0.40

Agency: 1113S090
FIPS State/County: 47065 TENNESSEE/HAMILTON
STORET Station ID(s): 470140 /CSP-01
Within Park Boundary: No

Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.24

Date Created: / /

On/Off RF1: OFF
On/Off RF3:

Parameter Inventory for Station: CHCH0360

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

***** Data for this station locked by controlling agency *****

Station Inventory for Station: CHCH0361

NPS Station ID: CHCH0361
LAT/LON: 35.088337/ -85.268059
Agency: 21TNWQ
Date Created: / /
Location: SOUTH CHICKAMAUGA CREEK
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 002430 /332430 /232430
RMI-Indexes: 1021500 007720 00920 6180
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 000.00
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER
ECO Region:
RF1 Index: 06020001006
RF1 Mile Point: 7.770
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 06020001000707.12
RF3 Mile Point: 7.14
Distance from RF3: 0.02
On/Off RF3:
Description:
AT MOUTH

Parameter Inventory for Station: CHCH0361

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/16/64-08/18/64	10	6.	5.8	7.	4.	0.622	0.789	4.1	5.75	6.	6.9
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/64-08/18/64	10	24.5	24.6	28.	22.	3.822	1.955	22.	22.75	26.	27.8
00064	DEPTH OF STREAM, MEAN (FT)	06/16/64-08/18/64	10	12.5	12.	14.	9.	2.889	1.7	9.	11.25	13.	13.9
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/16/64-08/18/64	10	23.	41.9	128.	12.	1322.767	36.37	12.7	19.	66.5	122.3
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	06/16/64-08/18/64	10	143.5	247.	601.	88.	40011.111	200.028	88.	93.25	469.5	594.6
00300	OXYGEN, DISSOLVED MG/L	06/16/64-08/18/64	10	3.9	4.09	5.2	3.2	0.47	0.685	3.21	3.525	4.7	5.18
00310	BOD, 5 DAY, 20 DEG C MG/L	06/16/64-08/18/64	10	2.85	3.05	6.9	1.4	2.214	1.488	1.47	2.25	3.275	6.56
00403	PH, LAB, STANDARD UNITS SU	06/16/64-08/18/64	10	7.15	7.11	7.4	6.8	0.03	0.173	6.81	6.975	7.2	7.38
00403	CONVERTED PH, LAB, STANDARD UNITS	06/16/64-08/18/64	10	7.147	7.078	7.4	6.8	0.031	0.176	6.81	6.975	7.2	7.38
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/64-08/18/64	10	0.071	0.084	0.158	0.04	0.001	0.035	0.042	0.063	0.106	0.155

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0361

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	10	3	0.30	10	3	0.30									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	10	6	0.60	10	6	0.60									
00403	PH, LAB	Fresh Chronic	9.	10	0	0.00	10	0	0.00									
		Other-Lo Lim.	6.5	10	0	0.00	10	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0362

NPS Station ID: CHCH0362 LAT/LON: 35.088337/ -85.272227 Agency: 1113S000 Date Created: / /
Location: TENNESSEE RIVER AT CENTRAL SOYA DISCHARGE FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM STORET Station ID(s): 470015 /TR-T-06
RMI-Indexes: 1021500 007720 00920 Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 467.90
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN ECO Region:
RF1 Index: 06020001006 RF1 Mile Point: 7.530 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 06020001000604.74 RF3 Mile Point: 5.33 Distance from RF3: 0.04 On/Off RF3:
Description:
CENTRAL SOYA---PROCESS WASTE DISCHARGE TO NICKAJACK RESERVOIR AT RM 467.9. SAMPLES WERE TAKEN AT THE EFFLUENT WEIR FROM THE WASTE TREATMENT FACILITY. STUDY CONDUCTED BY CREW FROM SOUTHEAST WATER LABORATORY IN JUNE 1972.
CHARLES SWEATT-PROJECT ENGINEER; TOM BENNETT-CHEMIST.

Parameter Inventory for Station: CHCH0362

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/72-06/24/72	5	22.	24.1	29.	21.	14.8	3.847	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	06/19/72-06/23/72	5	53.6	58.5	78.2	45.4	187.24	13.684	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	06/20/72-06/23/72	4	4.95	5.725	10.	3.	10.783	3.284	**	**	**	**
00400	PH (STANDARD UNITS)	06/20/72-06/24/72	5	6.6	6.42	6.9	5.6	0.242	0.492	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/20/72-06/24/72	5	6.6	6.15	6.9	5.6	0.333	0.577	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/20/72-06/24/72	5	0.251	0.708	2.512	0.126	1.027	1.013	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/19/72-06/23/72	5	6.8	6.9	7.6	6.4	0.2	0.447	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/19/72-06/23/72	5	6.8	6.754	7.6	6.4	0.227	0.476	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/19/72-06/23/72	5	0.158	0.176	0.398	0.025	0.02	0.14	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	06/19/72-06/23/72	5	2671.	3551.2	9147.	535.	10667589.2	3266.128	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	06/19/72-06/23/72	5	2597.	3493.4	9129.	429.	10848384.3	3293.689	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/19/72-06/23/72	5	53.	57.8	106.	18.	1146.2	33.856	**	**	**	**
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	06/21/72-06/23/72	4	## 2.5	3.125	5.	2.5	1.563	1.25	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/19/72-06/23/72	5	7.	6.016	8.2	1.48	7.057	2.657	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/19/72-06/23/72	5	8.6	11.32	21.	7.6	30.892	5.558	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/19/72-06/23/72	5	0.7	1.924	6.5	0.28	6.842	2.616	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/19/72-06/23/72	5	81.	67.52	86.	7.6	1129.252	33.604	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/19/72-06/23/72	5	48.	70.6	160.	47.	2500.3	50.003	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	06/19/72-06/23/72	4	85.	76.25	110.	25.	1322.917	36.372	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	06/19/72-06/23/72	4	## 25.	25.	25.	25.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	06/19/72-06/23/72	4	1362.5	1818.75	3750.	800.	1728906.25	1314.879	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	06/19/72-06/23/72	4	## 50.	65.	110.	50.	900.	30.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	06/19/72-06/23/72	4	97.5	112.5	215.	40.	5408.333	73.541	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	06/19/72-06/23/72	4	207.5	208.75	260.	160.	2006.25	44.791	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/20/72-06/24/72	5	2200000.	3360000.	9200000.	1300000.	**********	3292871.088	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/20/72-06/24/72	5	6.342	6.406	6.964	6.114	0.108	0.329	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			2547785.166								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/20/72-06/24/72	5	79000.	784800.	2400000.	22000.	**********	1077926.111	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/20/72-06/24/72	5	4.898	5.226	6.38	4.342	0.954	0.977	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			168121.547								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/22/72-06/24/72	3	5.	6.333	9.	5.	5.333	2.309	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0362

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	5	0	0.00	5	0	0.00									
		Other-Lo Lim.	6.5	5	2	0.40	5	2	0.40									
00403	PH, LAB	Fresh Chronic	9.	5	0	0.00	5	0	0.00									
		Other-Lo Lim.	6.5	5	1	0.20	5	1	0.20									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	5	0	0.00	5	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	4	1	0.25	4	1	0.25									
01042	COPPER, TOTAL	Fresh Acute	18.	0 &	0	0.00												
		Drinking Water	1300.	4	0	0.00	4	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	4	1	0.25	4	1	0.25									
		Drinking Water	15.	1 &	1	1.00	1	1	1.00									
01092	ZINC, TOTAL	Fresh Acute	120.	4	4	1.00	4	4	1.00									
		Drinking Water	5000.	4	0	0.00	4	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	5	5	1.00	5	5	1.00									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	5	5	1.00	5	5	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0363

NPS Station ID: CHCH0363 LAT/LON: 35.088337/ -85.272227 Agency: 1113S000 Date Created: / /
Location: TENNESSEE RIVER AT CENTRAL SOYA STORM DRAIN FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM STORET Station ID(s): 470018 /TR-T-07
RMI-Indexes: 1021500 007720 00920 Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 476.90
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN ECO Region:
RF1 Index: 06020001006 RF1 Mile Point: 7.530 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 06020001000604.74 RF3 Mile Point: 5.56 Distance from RF3: 0.06 On/Off RF3:
Description:
CENTRAL SOYA---STORM DRAIN TO NICKAJACK RESERVOIR AT RM 467.9. SAMPLES WERE TAKEN AT THE DISCHARGE WEIR.
STUDY CONDUCTED BY CREW FROM SOUTHEAST WATER LABORATORY IN JUNE 1972. CHARLES SWEATT-PROJECT ENGINEER; TOM BENNETT-CHEMIST.

Parameter Inventory for Station: CHCH0363

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/72-06/23/72	4	30.25	29.125	32.	24.	12.396	3.521	**	**	**	**
00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	06/20/72-06/24/72	5	47.	106.6	368.	32.	21416.3	146.343	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	06/21/72-06/24/72	4	102.	111.	180.	60.	2550.667	50.504	**	**	**	**
00400	PH (STANDARD UNITS)	06/20/72-06/23/72	4	7.45	7.575	8.6	6.8	0.842	0.918	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/20/72-06/23/72	4	7.08	7.087	8.6	6.8	1.16	1.077	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/20/72-06/23/72	4	0.083	0.082	0.158	0.003	0.008	0.089	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/20/72-06/24/72	5	7.7	7.48	9.2	5.7	1.952	1.397	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/20/72-06/24/72	5	7.7	6.33	9.2	5.7	3.604	1.898	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/20/72-06/24/72	5	0.02	0.467	1.995	0.001	0.747	0.864	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	06/20/72-06/24/72	5	1310.	1581.2	2778.	1137.	463412.7	680.744	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	06/20/72-06/24/72	5	1278.	1524.4	2704.	1112.	449977.3	670.803	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/20/72-06/24/72	5	63.	56.8	90.	25.	765.7	27.671	**	**	**	**
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	06/20/72-06/24/72	5	15.	43.2	120.	5.	2596.2	50.953	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/20/72-06/24/72	5	0.94	3.036	7.2	0.16	11.963	3.459	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/20/72-06/24/72	5	2.6	5.692	13.	1.12	27.94	5.286	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/20/72-06/24/72	5	0.74	0.772	1.4	0.16	0.194	0.441	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/20/72-06/24/72	5	18.8	29.46	78.	13.5	741.788	27.236	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/20/72-06/24/72	5	37.	45.6	80.	24.	454.3	21.314	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	06/24/72-06/24/72	1	110.	110.	110.	110.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	06/24/72-06/24/72	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	06/24/72-06/24/72	1	1075.	1075.	1075.	1075.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	06/24/72-06/24/72	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	06/24/72-06/24/72	1	90.	90.	90.	90.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	06/24/72-06/24/72	1	205.	205.	205.	205.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/20/72-06/24/72	5	1600000.	3618000.	13000000.	490000.	**********	5266176.981	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/20/72-06/24/72	5	6.204	6.271	7.114	5.69	0.27	0.519	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1864362.409								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/20/72-06/24/72	5	220000.	260000.	700000.	70000.669500000.		258746.981	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/20/72-06/24/72	5	5.342	5.252	5.845	4.845	0.177	0.421	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			178478.377								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/20/72-06/20/72	1	13.	13.	13.	13.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0363

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	4	0	0.00	4	0	0.00									
		Other-Lo Lim.	6.5	4	0	0.00	4	0	0.00									
00403	PH, LAB	Fresh Chronic	9.	5	1	0.20	5	1	0.20									
		Other-Lo Lim.	6.5	5	2	0.40	5	2	0.40									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	5	0	0.00	5	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	1	1.00	1	1	1.00									
01042	COPPER, TOTAL	Fresh Acute	18.	0 &	0	0.00												
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	0 &	0	0.00												
01092	ZINC, TOTAL	Fresh Acute	120.	1	1	1.00	1	1	1.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	5	5	1.00	5	5	1.00									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	5	5	1.00	5	5	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0364

NPS Station ID: CHCH0364
LAT/LON: 35.088615/ -85.262505
Agency: 1113S090
Date Created: / /
Location: SO CHICK CR STEIN CONSTR CO EFF
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM
STORET Station ID(s): 470155 /STC-01
RMI-Indexes: 1021500 007720 00920 6180
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 000.40
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001007
RF1 Mile Point: 0.200
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 06020001000700.00
RF3 Mile Point: 0.06
Distance from RF3: 0.07
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0364

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

***** Data for this station locked by controlling agency *****

Station Inventory for Station: CHCH0365

NPS Station ID: CHCH0365 LAT/LON: 35.088892/ -85.253337 Agency: 1113S000 Date Created: / /
Location: SOUTH CHICKAMAUGA CREEK AT ALCO CHEM CO POND FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/IND/PTRTMT/OUTFL/STREAM STORET Station ID(s): 470021 /TR-SC-08
RMI-Indexes: 1021500 007720 00920 6180 Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 000.80
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN ECO Region:
RF1 Index: 06020001007 RF1 Mile Point: 0.810 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 06020001000604.74 RF3 Mile Point: 5.56 Distance from RF3: 0.06 On/Off RF3:
Description:
ALCO CHEMICAL COMPANY---PROCESS WASTES ARE PRESENTLY BEING RETAINED ON SITE IN A HOLDING POND PENDING DEVELOPMENT OF A SUITABLE TREATMENT SYSTEM. SAMPLES WERE COLLECTED FROM A RECIRCULATING PUMP IN THE STORAGE POND.
STUDY CONDUCTED BY CREW FROM SOUTHEAST WATER LABORATORY IN JUNE 1972. CHARLES SWEATT-PROJECT ENGINEER; TOM BENNETT-CHEMIST.

Parameter Inventory for Station: CHCH0365

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/72-06/24/72	5	20.	20.6	22.	19.	1.8	1.342	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	06/21/72-06/23/72	3 ##	450.	510.	800.	280.	70300.	265.141	**	**	**	**
00400	PH (STANDARD UNITS)	06/20/72-06/24/72	5	9.1	9.04	10.2	7.2	1.383	1.176	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/20/72-06/24/72	5	9.1	7.882	10.2	7.2	3.06	1.749	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/20/72-06/24/72	5	0.001	0.013	0.063	0.	0.001	0.028	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/20/72-06/24/72	5	9.7	9.74	9.9	9.6	0.013	0.114	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/20/72-06/24/72	5	9.7	9.728	9.9	9.6	0.013	0.115	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/20/72-06/24/72	5	0.	0.	0.	0.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/20/72-06/24/72	5	1000.	3888.6	8700.	103.	19417039.8	4406.477	**	**	**	**
00435	ACIDITY, TOTAL (MG/L AS CACO3)	06/20/72-06/24/72	5	0.	0.	0.	0.	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	06/20/72-06/24/72	5	17660.	17898.	18900.	17560.	318520.	564.376	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	06/20/72-06/24/72	5	17480.	17552.	18180.	17230.	134770.	367.11	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/20/72-06/24/72	5	248.	346.4	720.	184.	50300.8	224.278	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/22/72-06/24/72	2	0.16	0.16	0.16	0.16	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/20/72-06/24/72	5	9.	9.184	11.	8.2	1.345	1.16	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/20/72-06/24/72	5	0.6	0.598	0.64	0.53	0.002	0.041	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/20/72-06/24/72	5	0.9	0.872	0.94	0.77	0.005	0.074	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/20/72-06/24/72	5	540.	527.	550.	480.	770.	27.749	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	06/20/72-06/24/72	5 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	06/20/72-06/24/72	5 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	06/20/72-06/24/72	5	450.	425.	450.	325.	3125.	55.902	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	06/20/72-06/24/72	5 ##	50.	80.	140.	50.	1800.	42.426	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	06/20/72-06/24/72	5	105.	106.4	115.	100.	47.3	6.877	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	06/20/72-06/24/72	5	69000.	69700.	71500.	69000.	1200000.	1095.445	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0365

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	5	3	0.60	5	3	0.60									
		Other-Lo Lim.	6.5	5	0	0.00	5	0	0.00									
00403	PH, LAB	Fresh Chronic	9.	5	5	1.00	5	5	1.00									
		Other-Lo Lim.	6.5	5	0	0.00	5	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	5	0	0.00	5	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	5	0	0.00	5	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	0 &	0	0.00												
		Drinking Water	1300.	5	0	0.00	5	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	5	2	0.40	5	2	0.40									
		Drinking Water	15.	2 &	2	1.00	2	2	1.00									
01092	ZINC, TOTAL	Fresh Acute	120.	5	5	1.00	5	5	1.00									
		Drinking Water	5000.	5	5	1.00	5	5	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0366

NPS Station ID: CHCH0366 LAT/LON: 35.088892/ -85.253337 Agency: 1113S000 Date Created: / /
Location: SOUTH CHICKAMAUGA CREEK AT ALCO CHEM CO DISCHARG FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/IND/PTRTMT/OUTFL/STREAM STORET Station ID(s): 470024 /TR-SC-09
RMI-Indexes: 1021500 007720 00920 6180 Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 000.80
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN ECO Region:
RF1 Index: 06020001007 RF1 Mile Point: 0.810 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 06020001000700.00 RF3 Mile Point: 0.24 Distance from RF3: 0.07 On/Off RF3:
Description:
ALCO CHEMICAL COMPANY---COOLING WATER DISCHARGE WAS SAMPLED AT THE DISCHARGE WEIR JUST BEFORE IT FLOWS INTO SOUTH CHICKAMAUGA CREEK AT MILE 0.8. STUDY CONDUCTED BY CREW FROM SOUTHEAST WATER LABORATORY IN JUNE 1972.
CHARLES SWEATT-PROJECT ENGINEER; TOM BENNETT-CHEMIST.

Parameter Inventory for Station: CHCH0366

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/72-06/24/72	5	25.	26.8	34.	20.	35.7	5.975	**	**	**	**
00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	06/20/72-06/24/72	5	113.	114.6	144.	87.	512.3	22.634	**	**	**	**
00400	PH (STANDARD UNITS)	06/20/72-06/24/72	5	8.3	8.54	9.8	7.8	0.578	0.76	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/20/72-06/24/72	5	8.3	8.224	9.8	7.8	0.703	0.838	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/20/72-06/24/72	5	0.005	0.006	0.016	0.	0.	0.006	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/20/72-06/24/72	5	16.	16.8	25.	8.	39.7	6.301	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	06/20/72-06/24/72	5 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	06/20/72-06/24/72	5 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	06/20/72-06/24/72	5	150.	250.	725.	75.	74375.	272.718	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	06/20/72-06/24/72	5 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	06/20/72-06/24/72	5 ##	5.	7.4	17.	5.	28.8	5.367	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	06/20/72-06/24/72	5	415.	393.8	865.	40.	122984.7	350.692	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0366

Parameter				Total	Exceed	Prop.	6/01-10/31			11/01-2/29			3/01-5/31			n/a		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	5	1	0.20	5	1	0.20									
		Other-Lo Lim.	6.5	5	0	0.00	5	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	5	0	0.00	5	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	0 &	0	0.00												
		Drinking Water	1300.	5	0	0.00	5	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	5	0	0.00	5	0	0.00									
		Drinking Water	15.	0 &	0	0.00												
01092	ZINC, TOTAL	Fresh Acute	120.	5	3	0.60	5	3	0.60									
		Drinking Water	5000.	5	0	0.00	5	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0367

NPS Station ID: CHCH0367 LAT/LON: 35.088892/ -85.253337 Agency: 1113S000 Date Created: / /
Location: SOUTH CHICKAMAUGA CREEK AT ALCO CHEM CO DISCHARG FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/IND/PTRTMT/OUTFL/STREAM STORET Station ID(s): 470027 /TR-SC-09A
RMI-Indexes: 1021500 007720 00920 6180 Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 000.80
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN ECO Region:
RF1 Index: 06020001007 RF1 Mile Point: 0.810 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 06020001000700.00 RF3 Mile Point: 0.24 Distance from RF3: 0.07 On/Off RF3:
Description:
ALCO CHEMICAL COMPANY---COOLING WATER DISCHARGE WAS SAMPLED AT THE DISCHARGE WEIR JUST BEFORE IT FLOWS INTO SOUTH CHICKAMAUGA CREEK AT MILE 0.8. STUDY CONDUCTED BY CREW FROM SOUTHEAST WATER LABORATORY IN JUNE 1972.
CHARLES SWEATT-PROJECT ENGINEER; TOM BENNETT-CHEMIST.

Parameter Inventory for Station: CHCH0367

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/24/72-06/24/72	1	2000.	2000.	2000.	2000.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	06/24/72-06/24/72	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	06/24/72-06/24/72	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	06/24/72-06/24/72	1	475.	475.	475.	475.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	06/24/72-06/24/72	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	06/24/72-06/24/72	1	80.	80.	80.	80.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	06/24/72-06/24/72	1	12500.	12500.	12500.	12500.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0367

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	0 &	0	0.00												
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	0 &	0	0.00												
01092	ZINC, TOTAL	Fresh Acute	120.	1	1	1.00	1	1	1.00									
		Drinking Water	5000.	1	1	1.00	1	1	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0368

NPS Station ID: CHCH0368 LAT/LON: 35.088892/ -85.253337 Agency: 1113S000 Date Created: / /
Location: SOUTH CHICKAMAUGA CREEK AT MUELLER CO DISCHARGE FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/IND/PTRTMT/OUTFL/STREAM STORET Station ID(s): 470030 /TR-SC-10
RMI-Indexes: 1021500 007720 00920 6180 Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 001.20
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN ECO Region:
RF1 Index: 06020001007 RF1 Mile Point: 0.810 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 06020001000700.00 RF3 Mile Point: 0.24 Distance from RF3: 0.07 On/Off RF3:
Description:
MUELLER COMPANY---SAMPLES WERE COLLECTED AT A TEMPORARY WEIR INSTALLED APPROXIMATELY 50 FEET BELOW THE TWO SETTLING BASINS.
THE WASTE ENTERS SOUTH CHICAMAUGA CREEK AT MILE 1.2. STUDY CONDUCTED BY CREW FROM SOUTHEAST WATER LABORATORY IN JUNE 1972.
CHARLES SWEATT-PROJECT ENGINEER; TOM BENNETT-CHEMIST.

Parameter Inventory for Station: CHCH0368

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/72-06/24/72	5	21.	22.	27.	20.	8.	2.828	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	06/20/72-06/23/72	4	37.	37.	39.	35.	5.333	2.309	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	06/20/72-06/23/72	4	9.75	10.625	18.	5.	32.563	5.706	**	**	**	**
00400	PH (STANDARD UNITS)	06/20/72-06/24/72	5	7.3	7.12	8.3	5.9	0.882	0.939	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/20/72-06/24/72	5	7.3	6.48	8.3	5.9	1.394	1.181	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/20/72-06/24/72	5	0.05	0.331	1.259	0.005	0.285	0.534	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/19/72-06/23/72	5	7.5	7.34	8.2	6.5	0.433	0.658	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/19/72-06/23/72	5	7.5	6.996	8.2	6.5	0.581	0.762	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/19/72-06/23/72	5	0.032	0.101	0.316	0.006	0.017	0.129	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	06/19/72-06/23/72	5	199.	200.	223.	178.	271.5	16.477	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	06/19/72-06/23/72	5	129.	126.2	156.	102.	491.7	22.174	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/19/72-06/23/72	5	92.	73.8	94.	41.	678.2	26.042	**	**	**	**
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	06/20/72-06/23/72	5 ##	2.5	3.	5.	2.5	1.25	1.118	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/19/72-06/23/72	5	24.	24.2	29.	19.	13.7	3.701	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	06/19/72-06/23/72	5 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	06/19/72-06/23/72	5 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	06/19/72-06/23/72	5	4200.	3790.	4750.	2000.	1126750.	1061.485	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	06/19/72-06/23/72	5 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	06/19/72-06/23/72	5	140.	136.	165.	90.	917.5	30.29	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	06/19/72-06/23/72	5	135.	135.	210.	90.	2225.	47.17	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/20/72-06/24/72	5	509.	2420.2	7960.	43.	11682712.7	3417.998	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0368

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	5	0	0.00	5	0	0.00									
		Other-Lo Lim.	6.5	5	2	0.40	5	2	0.40									
00403	PH, LAB	Fresh Chronic	9.	5	0	0.00	5	0	0.00									
		Other-Lo Lim.	6.5	5	1	0.20	5	1	0.20									
01034	CHROMIUM, TOTAL	Drinking Water	100.	5	0	0.00	5	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	0 &	0	0.00												
		Drinking Water	1300.	5	0	0.00	5	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	5	0	0.00	5	0	0.00									
		Drinking Water	15.	0 &	0	0.00												
01092	ZINC, TOTAL	Fresh Acute	120.	5	3	0.60	5	3	0.60									
		Drinking Water	5000.	5	0	0.00	5	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0369

NPS Station ID: CHCH0369 LAT/LON: 35.088892/ -85.253337 Agency: 1113S000 Date Created: / /
Location: SOUTH CHICKAMAUGA CREEK AT MUELLER CO EFFLUENT FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/IND/PTRTMT/OUTFL/STREAM STORET Station ID(s): 470033 /TR-SC-11
RMI-Indexes: 1021500 007720 00920 6180 Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 001.20
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN ECO Region:
RF1 Index: 06020001007 RF1 Mile Point: 0.810 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 06020001000700.00 RF3 Mile Point: 0.24 Distance from RF3: 0.07 On/Off RF3:
Description:
MUELLER COMPANY---SAMPLES WERE COLLECTED AT THE EFFLUENT WEIR FROM THE DOMESTIC WASTE ACTIVATED SLUDGE PLANT. THIS WASTE ENTERS SOUTH CHICKAMAUGA CREEK AT MILE 1.2. STUDY CONDUCTED BY CREW FROM SOUTHEAST WATER LABORATORY IN JUNE 1972. CHARLES SWEATT-PROJECT ENGINEER; TOM BENNETT-CHEMIST.

Parameter Inventory for Station: CHCH0369

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/72-06/24/72	5	22.	22.5	25.	20.5	3.75	1.936	**	**	**	**
00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	06/20/72-06/24/72	5	47.	46.4	55.	28.	121.8	11.036	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	06/21/72-06/24/72	4	26.	33.	74.	6.	860.	29.326	**	**	**	**
00400	PH (STANDARD UNITS)	06/20/72-06/24/72	5	6.8	6.68	7.2	6.2	0.212	0.46	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/20/72-06/24/72	5	6.8	6.499	7.2	6.2	0.253	0.503	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/20/72-06/24/72	5	0.158	0.317	0.631	0.063	0.083	0.289	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/20/72-06/24/72	5	7.	6.72	7.2	6.1	0.237	0.487	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/20/72-06/24/72	5	7.	6.506	7.2	6.1	0.294	0.542	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/20/72-06/24/72	5	0.1	0.312	0.794	0.063	0.105	0.324	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	06/20/72-06/24/72	5	226.	222.	235.	205.	131.	11.446	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	06/20/72-06/24/72	5	182.	191.8	220.	175.	365.7	19.123	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/20/72-06/24/72	5	32.	30.2	44.	7.	198.2	14.078	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/20/72-06/24/72	5	2.64	2.356	3.36	1.16	0.707	0.841	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/20/72-06/24/72	5	15.	13.428	21.	5.3	56.66	7.527	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/20/72-06/24/72	5	0.53	0.436	0.6	0.09	0.043	0.207	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/20/72-06/24/72	5	1.81	1.818	2.5	0.82	0.494	0.703	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/20/72-06/24/72	5	27.	26.8	33.	19.	35.2	5.933	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	06/20/72-06/24/72	5 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	06/20/72-06/24/72	5	60.	63.	80.	50.	195.	13.964	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	06/20/72-06/24/72	5	1300.	1335.	2200.	650.	373000.	610.737	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	06/20/72-06/24/72	5 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	06/20/72-06/24/72	5	20.	21.	40.	5.	205.	14.318	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	06/20/72-06/24/72	5	100.	114.	175.	65.	1892.5	43.503	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0369

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	5	0	0.00	5	0	0.00									
		Other-Lo Lim.	6.5	5	2	0.40	5	2	0.40									
00403	PH, LAB	Fresh Chronic	9.	5	0	0.00	5	0	0.00									
		Other-Lo Lim.	6.5	5	2	0.40	5	2	0.40									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	5	0	0.00	5	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	5	0	0.00	5	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	5	5	1.00	5	5	1.00									
		Drinking Water	1300.	5	0	0.00	5	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	5	0	0.00	5	0	0.00									
		Drinking Water	15.	0 &	0	0.00												
01092	ZINC, TOTAL	Fresh Acute	120.	5	2	0.40	5	2	0.40									
		Drinking Water	5000.	5	0	0.00	5	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0370

NPS Station ID: CHCH0370
LAT/LON: 35.089170/ -85.266948
Agency: 1113S090
Date Created: / /
Location: SO CHICK DESOTA-ROYAL EFF W BANK
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM
STORET Station ID(s): 470040 /DSR-01
RMI-Indexes: 1021500 007720 00920 6180
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 000.10
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001006
RF1 Mile Point: 7.770
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 06020001000600.90
RF3 Mile Point: 7.84
Distance from RF3: 0.08
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0370

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

***** Data for this station locked by controlling agency *****

Station Inventory for Station: CHCH0371

NPS Station ID: CHCH0371
LAT/LON: 35.089170/ -85.267226
Agency: 131TVAC
Date Created: / /
Location: TRIBUTARY TO TENNESSEE RIVER 468.20
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475392 /2639
RMI-Indexes: 1021500 007720 00920 6180
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 000.10
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: SOUTH CHICKAMAUGA CREEK 0.1
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 06020001130000.00
RF3 Mile Point: 0.05
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0371

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/07/67-04/21/69	2	1.	1.	1.	1.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/07/67-04/21/69	2	18.85	18.85	21.5	16.2	14.045	3.748	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/07/67-09/07/67	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/07/67-04/21/69	2	7.	7.	8.8	5.2	6.48	2.546	**	**	**	**
00304	BOD, 2 DAY, 20 DEG C MG/L	09/07/67-09/07/67	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/07/67-09/07/67	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/07/67-04/21/69	2	8.2	8.2	8.9	7.5	0.98	0.99	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/07/67-04/21/69	2	7.784	7.784	8.9	7.5	1.326	1.152	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/07/67-04/21/69	2	0.016	0.016	0.032	0.001	0.	0.021	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/21/69-04/21/69	1	120.	120.	120.	120.	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	04/21/69-04/21/69	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	09/07/67-09/07/67	1	140.	140.	140.	140.	0.	0.	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/07/67-09/07/67	1	120.	120.	120.	120.	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/07/67-09/07/67	1	0.71	0.71	0.71	0.71	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/07/67-09/07/67	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/07/67-09/07/67	1	0.16	0.16	0.16	0.16	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/07/67-09/07/67	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/07/67-09/07/67	1	0.267	0.267	0.267	0.267	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/07/67-09/07/67	1	0.238	0.238	0.238	0.238	0.	0.	**	**	**	**
00722	CYANIDE, FREE (AMENABLE TO CHLORINATION) MG/L	09/07/67-09/07/67	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/07/67-09/07/67	1	14.	14.	14.	14.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/07/67-09/07/67	1	60.	60.	60.	60.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/07/67-09/07/67	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/07/67-09/07/67	1	13500.	13500.	13500.	13500.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/07/67-09/07/67	1	4.13	4.13	4.13	4.13	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			13500.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/07/67-09/07/67	1	390.	390.	390.	390.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/07/67-09/07/67	1	2.591	2.591	2.591	2.591	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			390.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0371

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	1	0	0.00				1	0	0.00			
00400	PH	Fresh Chronic	9.	2	0	0.00	1	0	0.00				1	0	0.00			
		Other-Lo Lim.	6.5	2	0	0.00	1	0	0.00				1	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00722	CYANIDE, FREE (AMENABLE TO CHLORINATION)	Fresh Acute	0.022	1	1	1.00	1	1	1.00									
		Drinking Water	0.2	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	1	1	1.00	1	1	1.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	1	1.00	1	1	1.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	1	1.00	1	1	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0372

NPS Station ID: CHCH0372
LAT/LON: 35.089170/ -85.340005
Agency: 131TVAC
Date Created: / /
Location:
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM/SOLIDS
STORET Station ID(s): 475892 /2522
RMI-Indexes: 1021500 007720 00920 6053
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 455.40 000.01
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: MOUNTAIN CREEK 0.01
ECO Region:
RF1 Index: 06020001002
RF1 Mile Point: 3.020
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 06020001000300.00
RF3 Mile Point: 0.06
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0372

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/08/70-09/08/70	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: CHCH0373

NPS Station ID: CHCH0373
LAT/LON: 35.089448/ -85.244727
Agency: 1113S090
Date Created: / /
Location: S CHICK CR HAWTHORNE ST DUMP EFF
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM
STORET Station ID(s): 470060 /HSD-01
RMI-Indexes: 1021500 007720 00920 6180
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 001.50
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001007
RF1 Mile Point: 1.360
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 06020001000700.00
RF3 Mile Point: 0.77
Distance from RF3: 0.04
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0373

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

***** Data for this station locked by controlling agency *****

Station Inventory for Station: CHCH0374

NPS Station ID: CHCH0374
LAT/LON: 35.090003/ -85.248338
Agency: 1113S090
Date Created: / /
Location: SO CHICK CR W R GRACE EFF W BANK
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM
STORET Station ID(s): 470055 /WRG-01
RMI-Indexes: 1021500 007720 00920 6180
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 001.30
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001007
RF1 Mile Point: 1.260
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 06020001001800.94
RF3 Mile Point: 1.18
Distance from RF3: 0.07
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0374

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

***** Data for this station locked by controlling agency *****

Station Inventory for Station: CHCH0375

NPS Station ID: CHCH0375
Location: S CHICK CR MUELLER VALE EFF
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM
RMI-Indexes: 1021500 007720 00920 6180
RMI-Miles: 0953.80 0046.50 468.20 001.20
HUC: 06020001
Major Basin: SOUTHEAST
Minor Basin: TENNESSEE RIVER BASIN
RF1 Index: 06020001007
RF3 Index: 06020001000700.00
Description:

LAT/LON: 35.090003/ -85.249171
Depth of Water: 0
Elevation: 0
RF1 Mile Point: 1.260
RF3 Mile Point: 0.93

Agency: 1113S090
FIPS State/County: 47065 TENNESSEE/HAMILTON
STORET Station ID(s): 470065 /MV-01
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.06

Date Created: / /
On/Off RF1: ON
On/Off RF3:

Parameter Inventory for Station: CHCH0375

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

***** Data for this station locked by controlling agency *****

Station Inventory for Station: CHCH0376

NPS Station ID: CHCH0376
LAT/LON: 35.090003/ -85.249171
Agency: 1113S090
Date Created: / /
Location: S CHIC CR MUELLER VAL EFF MI 1.1
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM
STORET Station ID(s): 470070 /MV-02
RMI-Indexes: 1021500 007720 00920 6180
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 001.10
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001007
RF1 Mile Point: 1.260
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 06020001000700.00
RF3 Mile Point: 0.65
Distance from RF3: 0.05
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0376

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

***** Data for this station locked by controlling agency *****

Station Inventory for Station: CHCH0377

NPS Station ID: CHCH0377
LAT/LON: 35.090281/ -85.157782
Agency: 1113S000
Date Created: / /
Location: FCA DRAIN DITCH N EAST ACID RD
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 480210 /TR-FCA-5
RMI-Indexes: 1021500 007720 00920 6180 0230 2810
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 008.70 002.80 002.50
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 20.40
On/Off RF1:
RF3 Index: 06020001123700.00
RF3 Mile Point: 1.02
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0377

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/15/68-10/17/68	3	31.	31.333	32.	31.	0.333	0.577	**	**	**	**
00400	PH (STANDARD UNITS)	10/16/68-10/17/68	2	6.05	6.05	8.8	3.3	15.125	3.889	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/16/68-10/17/68	2	3.601	3.601	8.8	3.3	27.12	5.208	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/16/68-10/17/68	2	250.594	250.594	501.187	0.002	125593.527	354.392	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/15/68-10/17/68	3	235.	230.	290.	165.	3925.	62.65	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/15/68-10/17/68	3	250.	245.667	315.	172.	5126.333	71.598	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/15/68-10/17/68	3	250.	275.	330.	245.	2275.	47.697	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0377

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	1	0.50	2	1	0.50									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	3	1.00	3	3	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0378

NPS Station ID: CHCH0378 LAT/LON: 35.090281/ -85.241670 Agency: 1113S000 Date Created: / /
Location: SOUTH CHICKAMAUGA CREEK AT NO HAWTHORNE ST DUMP FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 470042 /TR-SC-14
RMI-Indexes: 1021500 007720 00920 6180 Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 001.50
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN ECO Region:
RF1 Index: 06020001007 RF1 Mile Point: 1.570 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 06020001000700.00 RF3 Mile Point: 0.65 Distance from RF3: 0.00 On/Off RF3:
Description:
CITY OF CHATTANOOGA NORTH HAWTHORN STREET DUMP---SAMPLES WERE COLLECTED FROM THE MAIN LEACHATE STREAM WHICH FLOWS INTO SOUTH CHICKAMAUGA CREEK AT MILE 1.5. STUDY CONDUCTED BY CREW FROM SOUTHEAST WATER LABORATORY IN JUNE 1972.
CHARLES SWEATT-PROJECT ENGINEER; TOM BENNETT-CHEMIST.

Parameter Inventory for Station: CHCH0378

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/72-06/24/72	5	21.	21.3	22.	21.	0.2	0.447	**	**	**	**
00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	06/20/72-06/24/72	5	13.	16.	27.	10.	46.5	6.819	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	06/21/72-06/24/72	4	60.	60.	110.	10.	1933.333	43.97	**	**	**	**
00400	PH (STANDARD UNITS)	06/20/72-06/24/72	5	6.6	6.94	8.1	5.9	0.853	0.924	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/20/72-06/24/72	5	6.6	6.412	8.1	5.9	1.201	1.096	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/20/72-06/24/72	5	0.251	0.387	1.259	0.008	0.264	0.514	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/20/72-06/24/72	5	7.5	7.62	8.1	7.4	0.087	0.295	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/20/72-06/24/72	5	7.5	7.556	8.1	7.4	0.092	0.304	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/20/72-06/24/72	5	0.032	0.028	0.04	0.008	0.	0.014	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/20/72-06/24/72	5	2600.	2758.	5100.	1150.	2091820.	1446.313	**	**	**	**
00435	ACIDITY, TOTAL (MG/L AS CACO3)	06/20/72-06/24/72	5	380.	275.8	480.	0.	40803.2	201.998	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	06/20/72-06/24/72	5	3762.	3763.4	4671.	2633.	559164.3	747.773	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	06/20/72-06/24/72	5	3741.	3721.	4633.	2581.	573988.5	757.62	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/20/72-06/24/72	5	38.	42.4	83.	18.	703.3	26.52	**	**	**	**
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	06/24/72-06/24/72	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/20/72-06/24/72	5	345.	279.8	385.	114.	13707.7	117.08	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/20/72-06/24/72	5	345.	305.4	385.	157.	8200.8	90.558	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/20/72-06/24/72	5	2.96	11.868	35.5	0.18	245.262	15.661	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/20/72-06/24/72	5	0.93	0.86	1.	0.53	0.037	0.192	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/20/72-06/24/72	5	335.	316.	410.	180.	8117.5	90.097	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	06/20/72-06/24/72	5 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	06/20/72-06/24/72	5	130.	144.	200.	90.	1780.	42.19	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	06/20/72-06/24/72	5	57.	56.8	65.	50.	29.2	5.404	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	06/20/72-06/24/72	5	14750.	12050.	15250.	4500.	21793750.	4668.378	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	06/20/72-06/24/72	5	140.	127.	205.	50.	5520.	74.297	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	06/20/72-06/24/72	5	800.	815.	955.	710.	7812.5	88.388	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	06/20/72-06/24/72	5	395.	363.	415.	250.	4382.5	66.2	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/20/72-06/24/72	5	79000.	106840.	240000.	2200.	9380228000.	96851.577	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/20/72-06/24/72	5	4.898	4.697	5.38	3.342	0.658	0.811	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			49754.879								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/20/72-06/24/72	5	1400.	4660.	17000.	100.	50898000.	7134.283	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0378

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/20/72-06/24/72	5	3.146	3.068	4.23	2.	0.86	0.927	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1169.696								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/24/72-06/24/72	1	17.	17.	17.	17.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0378

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	5	0	0.00	5	0	0.00									
		Other-Lo Lim.	6.5	5	2	0.40	5	2	0.40									
00403	PH, LAB	Fresh Chronic	9.	5	0	0.00	5	0	0.00									
		Other-Lo Lim.	6.5	5	0	0.00	5	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	5	2	0.40	5	2	0.40									
01002	ARSENIC, TOTAL	Fresh Acute	360.	5	0	0.00	5	0	0.00									
		Drinking Water	50.	5	0	0.00	5	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	5	4	0.80	5	4	0.80									
01042	COPPER, TOTAL	Fresh Acute	18.	5	5	1.00	5	5	1.00									
		Drinking Water	1300.	5	0	0.00	5	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	5	3	0.60	5	3	0.60									
		Drinking Water	15.	3 &	3	1.00	3	3	1.00									
01092	ZINC, TOTAL	Fresh Acute	120.	5	5	1.00	5	5	1.00									
		Drinking Water	5000.	5	0	0.00	5	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	5	5	1.00	5	5	1.00									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	5	4	0.80	5	4	0.80									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0379

NPS Station ID: CHCH0379
LAT/LON: 35.090281/ -85.250005
Agency: 1113S000
Date Created: / /
Location: S.CHICKAMAUGA CK TRIB GRACE CHEM
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/IND/PTRTMT/OUTFL/STREAM
STORET Station ID(s): 470036 /TR-SC-12
RMI-Indexes: 1021500 007720 00920 6180
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 001.30
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001007
RF1 Mile Point: 1.010
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 06020001000700.00
RF3 Mile Point: 0.24
Distance from RF3: 0.07
On/Off RF3:
Description:
W.R. GRACE CHEMICAL COMPANY---PROCESS WASTE SAMPLES WERE COLLECTED AT THE EFFLUENT WEIR FROM THE SETTLING POND. THIS WASTE FLOWS VIA A SMALL STREAM FOR APPROXIMATELY 1/2 MILE, ENTERING SOUTH CHICKAMAUGA CREEK AT MILE 1.3.
STUDY CONDUCTED BY CREW FROM SOUTHEAST WATER LABORATORY IN JUNE 1972. CHARLES SWEATT-PROJECT ENGINEER; TOM BENNETT-CHEMIST.

Parameter Inventory for Station: CHCH0379

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/21/72-06/23/72	3	16.	17.167	21.5	14.	15.083	3.884	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	06/19/72-06/22/72	4	190.	178.	219.	113.	2625.333	51.238	**	**	**	**
00400	PH (STANDARD UNITS)	06/21/72-06/23/72	3	11.2	10.867	11.8	9.6	1.293	1.137	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/21/72-06/23/72	3	11.2	10.064	11.8	9.6	2.261	1.503	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/21/72-06/23/72	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/19/72-06/22/72	4	11.7	11.775	12.3	11.4	0.149	0.386	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/19/72-06/22/72	4	11.689	11.669	12.3	11.4	0.164	0.405	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/19/72-06/22/72	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/19/72-06/22/72	4	1960.	2400.	4100.	1580.	1318933.333	1148.448	**	**	**	**
00435	ACIDITY, TOTAL (MG/L AS CACO3)	06/19/72-06/22/72	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	06/19/72-06/21/72	3	6201.	6495.667	9102.	4184.	6111802.333	2472.206	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	06/19/72-06/21/72	3	6180.	6481.333	9096.	4168.	6139397.333	2477.781	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/19/72-06/21/72	3	16.	14.333	21.	6.	58.333	7.638	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/19/72-06/22/72	4	1.54	1.621	3.4	0.005	1.934	1.391	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/19/72-06/22/72	4	1.665	2.303	5.36	0.52	4.493	2.12	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/19/72-06/22/72	4	0.585	0.545	0.63	0.38	0.013	0.113	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/19/72-06/22/72	4	77.	102.875	204.	53.5	4721.729	68.715	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/19/72-06/22/72	4	14.	73.25	260.	5.	15572.25	124.789	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	06/19/72-06/22/72	4 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	06/19/72-06/22/72	4 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	06/19/72-06/22/72	4	187.5	318.75	775.	125.	94322.917	307.12	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	06/19/72-06/22/72	4 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	06/19/72-06/22/72	4	10.	12.5	20.	10.	25.	5.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	06/19/72-06/22/72	4	22.5	18.75	25.	5.	89.583	9.465	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0379

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	3	3	1.00	3	3	1.00									
		Other-Lo Lim.	6.5	3	0	0.00	3	0	0.00									
00403	PH, LAB	Fresh Chronic	9.	4	4	1.00	4	4	1.00									
		Other-Lo Lim.	6.5	4	0	0.00	4	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	4	0	0.00	4	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	4	0	0.00	4	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	0 &	0	0.00												
		Drinking Water	1300.	4	0	0.00	4	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	4	0	0.00	4	0	0.00									
		Drinking Water	15.	0 &	0	0.00												
01092	ZINC, TOTAL	Fresh Acute	120.	4	0	0.00	4	0	0.00									
		Drinking Water	5000.	4	0	0.00	4	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0380

NPS Station ID: CHCH0380 LAT/LON: 35.090281/ -85.250005 Agency: 1113S000 Date Created: / /
Location: SOUTH CHICKAMAUGA CREEK AT W R GRACE DISCHARGE FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/IND/PTRTMT/OUTFL/STREAM STORET Station ID(s): 470039 /TR-SC-13
RMI-Indexes: 1021500 007720 00920 6180 Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 001.30
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN ECO Region:
RF1 Index: 06020001007 RF1 Mile Point: 1.010 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 06020001000700.00 RF3 Mile Point: 0.65 Distance from RF3: 0.00 On/Off RF3:
Description:
W.R. GRACE CHEMICAL COMPANY---SAMPLES WERE COLLECTED FROM THE LEACHATE STREAM APPROXIMATELY 1/5 MILE BELOW THE SOLID WASTE DISPOSAL AREA. THE STREAM ENTERS SOUTH CHICKAMAUGA CREEK AT MILE 1.3.
STUDY CONDUCTED BY CREW FROM SOUTHEAST WATER LABORATORY IN JUNE 1972. CHARLES SWEATT-PROJECT ENGINEER; TOM BENNETT-CHEMIST.

Parameter Inventory for Station: CHCH0380

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/72-06/23/72	4	19.	18.75	21.	16.	6.917	2.63	**	**	**	**
00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	06/20/72-06/23/72	4	11.5	23.75	65.	7.	768.917	27.729	**	**	**	**
00400	PH (STANDARD UNITS)	06/20/72-06/23/72	4	3.05	3.325	6.2	1.	4.743	2.178	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/20/72-06/23/72	4	2.85	1.59	6.2	1.	8.756	2.959	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/20/72-06/23/72	4	1414.057	25707.186	100000.	0.6312454323955.437	49541.134	**	**	**	**	
00403	PH, LAB, STANDARD UNITS SU	06/20/72-06/23/72	4	3.8	4.225	5.9	3.4	1.309	1.144	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/20/72-06/23/72	4	3.755	3.727	5.9	3.4	1.64	1.281	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/20/72-06/23/72	4	175.594	187.639	398.107	1.259	30251.178	173.929	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/20/72-06/23/72	4	4.85	5.325	10.	1.6	13.103	3.62	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/20/72-06/23/72	4	5.15	5.63	10.	2.22	11.049	3.324	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/20/72-06/23/72	4	0.06	0.148	0.46	0.01	0.044	0.21	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/20/72-06/23/72	4	0.135	0.708	2.46	0.1	1.365	1.169	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/20/72-06/23/72	4	8.	9.25	17.	4.	30.25	5.5	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	06/20/72-06/23/72	4 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	06/20/72-06/23/72	4 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	06/20/72-06/23/72	4	40750.	42187.5	49500.	37750.	31765625.	5636.1	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	06/20/72-06/23/72	4 ##	50.	68.75	125.	50.	1406.25	37.5	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	06/20/72-06/23/72	4	40500.	35500.	42000.	19000.	123000000.	11090.537	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	06/20/72-06/23/72	4	202.5	242.5	535.	30.	44741.667	211.522	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0380

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	4	0	0.00	4	0	0.00									
		Other-Lo Lim.	6.5	3 &	3	1.00	3	3	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0380

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	4	0	0.00	4	0	0.00									
		Other-Lo Lim.	6.5	4	4	1.00	4	4	1.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	4	0	0.00	4	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	4	0	0.00	4	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	0 &	0	0.00												
		Drinking Water	1300.	4	0	0.00	4	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	4	1	0.25	4	1	0.25									
		Drinking Water	15.	1 &	1	1.00	1	1	1.00									
01092	ZINC, TOTAL	Fresh Acute	120.	4	3	0.75	4	3	0.75									
		Drinking Water	5000.	4	0	0.00	4	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0381

NPS Station ID: CHCH0381
LAT/LON: 35.090281/ -85.255003
Agency: 1113S090
Date Created: / /
Location: S CHICK ALCO CHEM CO EFF W BANK
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM
STORET Station ID(s): 470000 /ACC-01
RMI-Indexes: 1021500 007720 00920 6180
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 000.80
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001007
RF1 Mile Point: 0.810
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 06020001000206.82
RF3 Mile Point: 7.20
Distance from RF3: 0.17
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0381

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

***** Data for this station locked by controlling agency *****

Station Inventory for Station: CHCH0382

NPS Station ID: CHCH0382
LAT/LON: 35.090838/ -85.222226
Agency: 131TVAC
Date Created: 05/27/89
Location: LAKE JUNIOR SWIMMING AREA
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 477146
RMI-Indexes: 1021500 007720 00920 6240
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 471.40 000.50
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: UNNAMED TRIBUTARY 0.5 TO TRM 471.4
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 3.50
On/Off RF1:
RF3 Index: 06020001001800.00
RF3 Mile Point: 0.00
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0382

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/17/89-06/06/89	10	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/17/89-06/06/89	10 ##	5.	29.5	173.	5.	3127.833	55.927	5.	5.	24.25	163.9
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/17/89-06/06/89	10 ##	0.699	0.974	2.238	0.699	0.343	0.586	0.699	0.699	1.003	2.206
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			9.427								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0382

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	10	0	0.00	3	0	0.00				7	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0383

NPS Station ID: CHCH0383
LAT/LON: 35.090838/ -85.268059
Agency: 21TNWQ
Date Created: / /
Location: TENN-AM WATER CO. DATA 468.4 L
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): TN111L
RMI-Indexes: 1021500 007720 00920
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.40
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001006
RF1 Mile Point: 7.240
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 06020001001800.94
RF3 Mile Point: 1.08
Distance from RF3: 0.07
On/Off RF3:
Description:
TENNESSEE RIVER MILE 468.4 STATION LOCATED ABOVE S. CHICKAMAUGA CREEK SAMPLES COLLECTED 25 PERCENT OF STREAM WIDTH FROM LEFT BANK
SAMPLES COLLECTED BY TENNESSEE AMERICAN WATER COMPANY IN CHATTANOOGA

Parameter Inventory for Station: CHCH0383

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/02/74-09/26/74	34	11.5	11.5	20.	3.	74.439	8.628	3.	3.	20.	20.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	08/01/74-09/26/74	26	76.5	77.269	80.	70.	9.225	3.037	72.8	76.	80.	80.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/02/74-09/26/74	33	7.	11.267	93.	3.2	324.489	18.014	3.7	4.6	8.55	14.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/02/74-09/26/74	33	170.	172.576	190.	160.	60.064	7.75	161.4	170.	179.	182.4
00300	OXYGEN, DISSOLVED MG/L	08/01/74-09/26/74	24	6.1	6.133	6.9	5.4	0.168	0.41	5.6	5.85	6.4	6.8
00310	BOD, 5 DAY, 20 DEG C MG/L	08/01/74-09/26/74	24 ##	0.5	0.808	1.7	0.5	0.153	0.391	0.5	0.5	1.2	1.3
00403	PH, LAB, STANDARD UNITS SU	07/02/74-09/26/74	33	7.7	7.618	7.8	6.9	0.029	0.17	7.44	7.6	7.7	7.8
00403	CONVERTED PH, LAB, STANDARD UNITS	07/02/74-09/26/74	33	7.7	7.572	7.8	6.9	0.031	0.177	7.44	7.6	7.7	7.8
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/02/74-09/26/74	33	0.02	0.027	0.126	0.016	0.	0.019	0.016	0.02	0.025	0.037
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/02/74-09/26/74	33	55.	55.121	60.	51.	3.36	1.833	53.	54.	56.	57.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/02/74-09/26/74	33 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
00690	CARBON, TOTAL (MG/L AS C)	08/01/74-09/26/74	24	1.7	1.729	3.4	1.1	0.237	0.487	1.2	1.325	1.875	2.3
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/02/74-09/26/74	33	65.	65.455	74.	60.	12.881	3.589	62.	63.	67.	71.
00910	CALCIUM (MG/L AS CACO3)	07/02/74-09/26/74	33	20.	20.048	21.6	18.4	0.733	0.856	18.4	20.	20.8	21.
00920	MAGNESIUM (MG/L AS CACO3)	07/02/74-09/26/74	33	3.4	3.576	4.4	2.9	0.174	0.417	3.02	3.4	3.9	4.28
00929	SODIUM, TOTAL (MG/L AS NA)	07/02/74-09/26/74	27	6.	5.444	6.5	4.	0.949	0.974	4.	5.	6.5	6.5
00940	CHLORIDE,TOTAL IN WATER MG/L	07/02/74-09/26/74	33	8.	7.515	11.	5.	3.07	1.752	5.	6.	9.	10.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/02/74-09/23/74	29	0.11	0.097	0.15	0.05	0.001	0.036	0.05	0.05	0.12	0.14
01027	CADMIUM, TOTAL (UG/L AS CD)	07/02/74-09/26/74	33 ##	0.003	0.003	0.003	0.003	0.	0.	0.003	0.003	0.003	0.003
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/02/74-09/26/74	33 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
01042	COPPER, TOTAL (UG/L AS CU)	07/02/74-09/26/74	32 ##	0.005	0.008	0.03	0.005	0.	0.005	0.005	0.005	0.01	0.01
01045	IRON, TOTAL (UG/L AS FE)	07/02/74-09/26/74	33	0.1	0.147	0.5	0.08	0.01	0.1	0.08	0.1	0.2	0.3
01051	LEAD, TOTAL (UG/L AS PB)	07/02/74-09/26/74	33 ##	0.02	0.02	0.02	0.02	0.	0.	0.02	0.02	0.02	0.02
01055	MANGANESE, TOTAL (UG/L AS MN)	07/02/74-09/26/74	33	0.03	0.04	0.2	0.01	0.001	0.035	0.02	0.02	0.04	0.088
01092	ZINC, TOTAL (UG/L AS ZN)	07/02/74-09/26/74	33	0.01	0.012	0.04	0.005	0.	0.008	0.005	0.01	0.01	0.026
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/02/74-09/26/74	33	200.	1442.424	15400.	25.	9475604.877	3078.247	50.	100.	1550.	3320.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/02/74-09/26/74	33	2.301	2.548	4.188	1.398	0.537	0.733	1.699	2.	3.185	3.519
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			353.241								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/02/74-09/26/74	33 ##	5.	6.288	30.	2.5	31.688	5.629	2.5	2.5	7.5	10.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/02/74-09/26/74	33 ##	0.699	0.695	1.477	0.398	0.078	0.28	0.398	0.398	0.849	1.
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.957								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/02/74-09/26/74	33 ##	5.	6.288	30.	2.5	31.688	5.629	2.5	2.5	7.5	10.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/02/74-09/26/74	33 ##	0.699	0.695	1.477	0.398	0.078	0.28	0.398	0.398	0.849	1.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0383

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4.957								
72033	FLOW, AVERAGE DAILY SPILLWAY DISCHARGE CFS	07/02/74-09/26/74	34	31400.	28405.882	42000.	0.	126106024.955	11229.694	0.	27725.	33875.	37900.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0383

				Total	Exceed	Prop.	6/01-10/31			11/01-2/29			3/01-5/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	33	2	0.06	33	2	0.06									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	24	0	0.00	24	0	0.00									
00403	PH, LAB	Fresh Chronic	9.	33	0	0.00	33	0	0.00									
		Other-Lo Lim.	6.5	33	0	0.00	33	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	33	0	0.00	33	0	0.00									
		Drinking Water	250.	33	0	0.00	33	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	29	0	0.00	29	0	0.00									
01027	CADMIUM, TOTAL	Fresh Acute	3.9	33	0	0.00	33	0	0.00									
		Drinking Water	5.	33	0	0.00	33	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	33	0	0.00	33	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	32	0	0.00	32	0	0.00									
		Drinking Water	1300.	32	0	0.00	32	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	33	0	0.00	33	0	0.00									
		Drinking Water	15.	33	0	0.00	33	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	33	0	0.00	33	0	0.00									
		Drinking Water	5000.	33	0	0.00	33	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	33	9	0.27	33	9	0.27									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	33	0	0.00	33	0	0.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	33	0	0.00	33	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0384

NPS Station ID: CHCH0384
LAT/LON: 35.091115/ -85.164449
Agency: 1113S000
Date Created: / /
Location: FCA DRAIN DITCH E EAST ACID RD
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 480215 /TR-FCA-4
RMI-Indexes: 1021500 007720 00920 6180 0230 2810
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 008.70 002.80 003.00
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 15.50
On/Off RF1:
RF3 Index: 06020001123700.00
RF3 Mile Point: 2.07
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0384

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/15/68-10/17/68	3	34.5	38.	46.	33.5	48.25	6.946	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	10/15/68-10/17/68	3	0.05	0.06	0.08	0.05	0.	0.017	**	**	**	**
00400	PH (STANDARD UNITS)	10/16/68-10/17/68	2	4.95	4.95	7.9	2.	17.405	4.172	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/16/68-10/17/68	2	2.301	2.301	7.9	2.	31.439	5.607	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/16/68-10/17/68	2	5000.006	5000.006	10000.	0.01349999874.108		7071.059	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/15/68-10/17/68	3	980.	976.667	1090.	860.	13233.333	115.036	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/15/68-10/17/68	3	1050.	1066.667	1212.	938.	18977.333	137.758	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/15/68-10/17/68	3	1000.	1188.333	1625.	940.	143908.333	379.353	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0384

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	1	0.50	2	1	0.50									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	3	1.00	3	3	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0385

NPS Station ID: CHCH0385
LAT/LON: 35.091670/ -85.268892
Agency: 21TNWQ
Date Created: / /
Location: TENN-AM WATER CO. DATA 468.4 M
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): TN112M
RMI-Indexes: 1021500 007720 00920
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.40
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001006
RF1 Mile Point: 7.240
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 06020001001800.00
RF3 Mile Point: 0.00
Distance from RF3: 0.07
On/Off RF3:
Description:
TENNESSEE RIVER MILE 468.4 STATION LOCATED ABOVE S. CHICKAMAUGA CREEK SAMPLES COLLECTED 50 PERCENT OF STREAM WIDTH FROM LEFT BANK
SAMPLES COLLECTED BY TENNESSEE AMERICAN WATER COMPANY IN CHATTANOOGA

Parameter Inventory for Station: CHCH0385

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/02/74-09/26/74	34	11.5	11.5	20.	3.	74.439	8.628	3.	3.	20.	20.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	08/01/74-09/26/74	26	76.5	77.269	80.	70.	9.225	3.037	72.8	76.	80.	80.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/02/74-09/26/74	34	7.75	13.265	69.	2.9	254.846	15.964	3.65	6.175	11.25	38.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/02/74-09/26/74	34	170.	173.	190.	160.	52.667	7.257	163.	170.	179.25	180.
00300	OXYGEN, DISSOLVED MG/L	08/01/74-09/26/74	24	6.2	6.108	6.9	5.2	0.227	0.476	5.35	5.75	6.4	6.8
00310	BOD, 5 DAY, 20 DEG C MG/L	08/01/74-09/26/74	24 ##	0.5	0.783	1.4	0.5	0.125	0.353	0.5	0.5	1.1	1.3
00403	PH, LAB, STANDARD UNITS SU	07/02/74-09/26/74	34	7.7	7.618	7.8	7.1	0.027	0.164	7.3	7.6	7.7	7.75
00403	CONVERTED PH, LAB, STANDARD UNITS	07/02/74-09/26/74	34	7.7	7.58	7.8	7.1	0.028	0.168	7.3	7.6	7.7	7.75
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/02/74-09/26/74	34	0.02	0.026	0.079	0.016	0.	0.014	0.018	0.02	0.025	0.05
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/02/74-09/26/74	34	55.	54.5	58.	49.	3.712	1.927	52.5	54.	56.	56.5
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/02/74-09/26/74	34 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
00690	CARBON, TOTAL (MG/L AS C)	08/01/74-09/26/74	24	1.85	1.913	2.9	1.2	0.214	0.463	1.25	1.6	2.275	2.6
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/02/74-09/26/74	34	64.	65.559	74.	60.	13.284	3.645	60.	64.	69.	71.
00910	CALCIUM (MG/L AS CACO3)	07/02/74-09/26/74	34	20.	20.035	22.	16.	1.254	1.12	18.6	20.	20.8	21.6
00920	MAGNESIUM (MG/L AS CACO3)	07/02/74-09/26/74	34	3.4	3.609	6.	1.7	0.644	0.803	2.8	3.35	4.1	4.85
00929	SODIUM, TOTAL (MG/L AS NA)	07/02/74-09/26/74	28	5.5	5.429	6.5	4.	0.921	0.959	4.	5.	6.5	6.5
00940	CHLORIDE,TOTAL IN WATER MG/L	07/02/74-09/26/74	34	7.	7.235	10.	5.	2.307	1.519	5.	6.	9.	9.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/02/74-09/23/74	30	0.1	0.096	0.17	0.05	0.001	0.038	0.05	0.05	0.13	0.149
01027	CADMIUM, TOTAL (UG/L AS CD)	07/02/74-09/26/74	34 ##	0.003	0.003	0.003	0.003	0.	0.	0.003	0.003	0.003	0.003
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/02/74-09/26/74	34 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
01042	COPPER, TOTAL (UG/L AS CU)	07/02/74-09/26/74	34 ##	0.005	0.008	0.02	0.005	0.	0.004	0.005	0.005	0.01	0.01
01045	IRON, TOTAL (UG/L AS FE)	07/02/74-09/26/74	34	0.1	0.155	0.7	0.08	0.013	0.115	0.08	0.1	0.2	0.25
01051	LEAD, TOTAL (UG/L AS PB)	07/02/74-09/26/74	34 ##	0.02	0.02	0.02	0.02	0.	0.	0.02	0.02	0.02	0.02
01055	MANGANESE, TOTAL (UG/L AS MN)	07/02/74-09/26/74	34	0.03	0.041	0.2	0.01	0.001	0.033	0.01	0.028	0.05	0.075
01092	ZINC, TOTAL (UG/L AS ZN)	07/02/74-09/26/74	34	0.01	0.012	0.03	0.005	0.	0.006	0.005	0.01	0.02	0.02
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/02/74-09/26/74	33	800.	1283.333	7650.	25.	3456002.604	1859.033	50.	100.	1400.	3360.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/02/74-09/26/74	33	2.903	2.682	3.884	1.398	0.481	0.694	1.699	2.	3.146	3.525
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			481.117								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/02/74-09/26/74	33 ##	5.	5.	20.	2.5	11.719	3.423	2.5	2.5	5.	10.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/02/74-09/26/74	33 ##	0.699	0.635	1.301	0.398	0.05	0.223	0.398	0.398	0.699	1.
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.316								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/02/74-09/26/74	33 ##	5.	5.	20.	2.5	11.719	3.423	2.5	2.5	5.	10.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/02/74-09/26/74	33 ##	0.699	0.635	1.301	0.398	0.05	0.223	0.398	0.398	0.699	1.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0385

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4.316								
72033	FLOW, AVERAGE DAILY SPILLWAY DISCHARGE CFS	07/02/74-09/26/74	34	31400.	28405.882	42000.	0.	126106024.955	11229.694	0.	27725.	33875.	37900.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0385

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	34	2	0.06	34	2	0.06									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	24	0	0.00	24	0	0.00									
00403	PH, LAB	Fresh Chronic	9.	34	0	0.00	34	0	0.00									
		Other-Lo Lim.	6.5	34	0	0.00	34	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	34	0	0.00	34	0	0.00									
		Drinking Water	250.	34	0	0.00	34	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	30	0	0.00	30	0	0.00									
01027	CADMIUM, TOTAL	Fresh Acute	3.9	34	0	0.00	34	0	0.00									
		Drinking Water	5.	34	0	0.00	34	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	34	0	0.00	34	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	34	0	0.00	34	0	0.00									
		Drinking Water	1300.	34	0	0.00	34	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	34	0	0.00	34	0	0.00									
		Drinking Water	15.	34	0	0.00	34	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	34	0	0.00	34	0	0.00									
		Drinking Water	5000.	34	0	0.00	34	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	33	14	0.42	33	14	0.42									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	33	0	0.00	33	0	0.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	33	0	0.00	33	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0386

NPS Station ID: CHCH0386
LAT/LON: 35.092227/ -85.164449
Agency: 1113S000
Date Created: / /
Location: FCA DRAIN DITCH W EAST ACID RD
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 480220 /TR-FCA-4B
RMI-Indexes: 1021500 007720 00920 6180 0230 2810
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 008.70 002.80 003.00
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 14.40
On/Off RF1:
RF3 Index: 06020001123700.00
RF3 Mile Point: 2.70
Distance from RF3: 0.09
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0386

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/15/68-10/17/68	3	53.	53.833	56.	52.5	3.583	1.893	**	**	**	**
00400	PH (STANDARD UNITS)	10/16/68-10/17/68	2	7.55	7.55	7.7	7.4	0.045	0.212	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/16/68-10/17/68	2	7.525	7.525	7.7	7.4	0.046	0.215	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/16/68-10/17/68	2	0.03	0.03	0.04	0.02	0.	0.014	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/15/68-10/17/68	3	800.	680.	900.	340.	89200.	298.664	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/15/68-10/17/68	3	820.	698.	922.	352.	92388.	303.954	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/15/68-10/17/68	3	690.	626.667	885.	305.	87108.333	295.141	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0386

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	3	1.00	3	3	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0387

NPS Station ID: CHCH0387
Location:
Station Type: /TYPA/AMBNT/STREAM/SOLIDS
RMI-Indexes: 1021500 007720 00920 6233
RMI-Miles: 0953.80 0046.50 470.90 000.30
HUC: 06020001
Major Basin: TENNESSEE RIVER BASIN
Minor Basin: NORTH CHICKAMAUGA CREEK 0.3
RF1 Index: 06020001007
RF3 Index: 06020001124700.58
Description:

LAT/LON: 35.092227/ -85.228059
Depth of Water: 0
Elevation: 0
RF1 Mile Point: 2.430
RF3 Mile Point: 0.58

Agency: 131TVAC
FIPS State/County: 47065 TENNESSEE/HAMILTON
STORET Station ID(s): 475888 /2810
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 26.20
Distance from RF3: 0.00

Date Created: / /
On/Off RF1: OFF
On/Off RF3:

Parameter Inventory for Station: CHCH0387

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/08/70-09/08/70	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: CHCH0388

NPS Station ID: CHCH0388
LAT/LON: 35.092504/ -85.165838
Agency: 1113S000
Date Created: / /
Location: FCA DRAIN DITCH NH4-NO3 PLANT
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 480225 /TR-FCA-4A
RMI-Indexes: 1021500 007720 00920 6180 0230 2810
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 008.70 002.80 003.10
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 13.90
On/Off RF1:
RF3 Index: 06020001123700.00
RF3 Mile Point: 2.35
Distance from RF3: 0.06
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0388

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/15/68-10/17/68	3	50.	49.333	52.	46.	9.333	3.055	**	**	**	**
00400	PH (STANDARD UNITS)	10/16/68-10/17/68	2	5.	5.	7.8	2.2	15.68	3.96	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/16/68-10/17/68	2	2.501	2.501	7.8	2.2	28.17	5.308	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/16/68-10/17/68	2	3154.795	3154.795	6309.573	0.016	19905258.528	4461.531	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/15/68-10/17/68	3	985.	1095.	1550.	750.	169075.	411.187	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/15/68-10/17/68	3	1012.	1184.333	1763.	778.	264830.333	514.617	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/15/68-10/17/68	3	1010.	1085.	1345.	900.	53725.	231.787	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0388

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	1	0.50	2	1	0.50									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	3	1.00	3	3	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0389

NPS Station ID: CHCH0389
LAT/LON: 35.092504/ -85.269726
Agency: 21TNWQ
Date Created: / /
Location: TENN-AM WATER CO. DATA 468.4 R
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): TN113R
RMI-Indexes: 1021500 007720 00920
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.40
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001006
RF1 Mile Point: 7.240
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 06020001001800.00
RF3 Mile Point: 0.00
Distance from RF3: 0.13
On/Off RF3:
Description:
TENNESSEE RIVER MILE 468.4 STATION LOCATED ABOVE S. CHICKAMAUGA CREEK SAMPLES COLLECTED 75 PERCENT OF STREAM WIDTH FROM LEFT BANK
SAMPLES COLLECTED BY TENNESSEE AMERICAN WATER COMPANY IN CHATTANOOGA

Parameter Inventory for Station: CHCH0389

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/02/74-09/26/74	34	11.5	11.5	20.	3.	74.439	8.628	3.	3.	20.	20.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	08/01/74-09/26/74	26	76.5	77.269	80.	70.	9.225	3.037	72.8	76.	80.	80.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/02/74-09/26/74	34	6.95	10.088	61.	3.1	138.619	11.774	4.15	5.475	9.2	13.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/02/74-09/26/74	34	172.	173.794	200.	160.	70.532	8.398	162.5	170.	179.25	185.
00300	OXYGEN, DISSOLVED MG/L	08/01/74-09/26/74	24	6.15	6.113	6.9	4.6	0.265	0.514	5.65	5.8	6.475	6.8
00310	BOD, 5 DAY, 20 DEG C MG/L	08/01/74-09/26/74	24 ##	0.5	0.754	1.4	0.5	0.14	0.374	0.5	0.5	1.2	1.35
00403	PH, LAB, STANDARD UNITS SU	07/02/74-09/26/74	34	7.6	7.591	7.8	7.1	0.024	0.156	7.35	7.575	7.7	7.7
00403	CONVERTED PH, LAB, STANDARD UNITS	07/02/74-09/26/74	34	7.6	7.558	7.8	7.1	0.026	0.16	7.35	7.575	7.7	7.7
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/02/74-09/26/74	34	0.025	0.028	0.079	0.016	0.	0.013	0.02	0.02	0.027	0.045
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/02/74-09/26/74	34	55.	54.794	60.	50.	3.441	1.855	53.	54.	56.	57.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/02/74-09/26/74	34 ##	0.5	0.485	0.5	0.	0.007	0.086	0.5	0.5	0.5	0.5
00690	CARBON, TOTAL (MG/L AS C)	08/01/74-09/26/74	24	1.7	1.742	2.8	1.1	0.171	0.414	1.2	1.4	2.	2.3
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/02/74-09/26/74	34	65.	66.265	86.	60.	21.473	4.634	62.	64.	68.	71.
00910	CALCIUM (MG/L AS CACO3)	07/02/74-09/26/74	34	20.	20.182	28.	9.	7.829	2.798	18.4	19.9	20.8	21.8
00920	MAGNESIUM (MG/L AS CACO3)	07/02/74-09/26/74	34	3.7	3.635	4.4	0.1	0.573	0.757	3.2	3.4	4.1	4.4
00929	SODIUM, TOTAL (MG/L AS NA)	07/02/74-09/26/74	28	5.5	5.429	6.5	4.	0.921	0.959	4.	5.	6.5	6.5
00940	CHLORIDE,TOTAL IN WATER MG/L	07/02/74-09/26/74	34	8.	7.529	11.	5.	3.469	1.862	5.	6.	9.	10.5
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/02/74-09/23/74	30	0.1	0.094	0.15	0.05	0.001	0.035	0.05	0.05	0.113	0.14
01027	CADMIUM, TOTAL (UG/L AS CD)	07/02/74-09/26/74	34 ##	0.003	0.003	0.003	0.003	0.	0.	0.003	0.003	0.003	0.003
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/02/74-09/26/74	34 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
01042	COPPER, TOTAL (UG/L AS CU)	07/02/74-09/26/74	34 ##	0.005	0.008	0.02	0.005	0.	0.005	0.005	0.005	0.01	0.02
01045	IRON, TOTAL (UG/L AS FE)	07/02/74-09/26/74	34	0.1	0.147	0.3	0.08	0.005	0.069	0.08	0.1	0.2	0.25
01051	LEAD, TOTAL (UG/L AS PB)	07/02/74-09/26/74	34 ##	0.02	0.02	0.02	0.02	0.	0.	0.02	0.02	0.02	0.02
01055	MANGANESE, TOTAL (UG/L AS MN)	07/02/74-09/26/74	34	0.03	0.038	0.1	0.02	0.	0.021	0.02	0.02	0.04	0.075
01092	ZINC, TOTAL (UG/L AS ZN)	07/02/74-09/26/74	34	0.01	0.012	0.02	0.005	0.	0.005	0.005	0.01	0.02	0.02
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/02/74-09/26/74	34	700.	1201.471	7450.	25.	2533065.954	1591.561	50.	200.	1850.	2700.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/02/74-09/26/74	34	2.841	2.691	3.872	1.398	0.448	0.669	1.699	2.301	3.267	3.429
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			491.316								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/02/74-09/26/74	34 ##	5.	7.868	60.	2.5	180.353	13.43	2.5	2.5	5.	10.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/02/74-09/26/74	34 ##	0.699	0.683	1.778	0.398	0.117	0.342	0.398	0.398	0.699	1.
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.817								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/02/74-09/26/74	34 ##	5.	7.868	60.	2.5	180.353	13.43	2.5	2.5	5.	10.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/02/74-09/26/74	34 ##	0.699	0.683	1.778	0.398	0.117	0.342	0.398	0.398	0.699	1.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0389

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4.817								
72033	FLOW, AVERAGE DAILY SPILLWAY DISCHARGE CFS	07/02/74-09/26/74	34	31400.	28405.882	42000.	0.	126106024.955	11229.694	0.	27725.	33875.	37900.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0389

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	34	1	0.03	34	1	0.03									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	24	0	0.00	24	0	0.00									
00403	PH, LAB	Fresh Chronic	9.	34	0	0.00	34	0	0.00									
		Other-Lo Lim.	6.5	34	0	0.00	34	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	34	0	0.00	34	0	0.00									
		Drinking Water	250.	34	0	0.00	34	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	30	0	0.00	30	0	0.00									
01027	CADMIUM, TOTAL	Fresh Acute	3.9	34	0	0.00	34	0	0.00									
		Drinking Water	5.	34	0	0.00	34	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	34	0	0.00	34	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	34	0	0.00	34	0	0.00									
		Drinking Water	1300.	34	0	0.00	34	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	34	0	0.00	34	0	0.00									
		Drinking Water	15.	34	0	0.00	34	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	34	0	0.00	34	0	0.00									
		Drinking Water	5000.	34	0	0.00	34	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	34	16	0.47	34	16	0.47									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	34	0	0.00	34	0	0.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	34	0	0.00	34	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0390

NPS Station ID: CHCH0390
LAT/LON: 35.094448/ -85.347504
Agency: 1113S000
Date Created: / /
Location: TENN R SIGNAL MTN. CEMENT EFF.
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM
STORET Station ID(s): 470236 /SI-1
RMI-Indexes: 1021500 007720 00920
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 454.80
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001002
RF1 Mile Point: 2.920
Distance from RF1: 29.40
On/Off RF1: OFF
RF3 Index: 06020001124800.37
RF3 Mile Point: 1.96
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0390

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00058	FLOW, RATE GALLONS/MIN	03/08/73-03/08/73	1	1042.	1042.	1042.	1042.	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	03/08/73-03/08/73	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	03/08/73-03/08/73	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/08/73-03/08/73	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/08/73-03/08/73	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/08/73-03/08/73	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	03/08/73-03/08/73	1	295.	295.	295.	295.	0.	0.	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/08/73-03/08/73	1	80.	80.	80.	80.	0.	0.	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/08/73-03/08/73	1	231.	231.	231.	231.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/08/73-03/08/73	1	64.	64.	64.	64.	0.	0.	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/08/73-03/08/73	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/08/73-03/08/73	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/08/73-03/08/73	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/08/73-03/08/73	1	0.34	0.34	0.34	0.34	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/08/73-03/08/73	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/08/73-03/08/73	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/08/73-03/08/73	1	70.	70.	70.	70.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	03/08/73-03/08/73	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	03/08/73-03/08/73	1	2500.	2500.	2500.	2500.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	03/08/73-03/08/73	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	03/08/73-03/08/73	1	132.	132.	132.	132.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	03/08/73-03/08/73	1 ##	40.	40.	40.	40.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	03/08/73-03/08/73	1	18.	18.	18.	18.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0390

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	1	1.00							1	1	1.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00							1	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00							1	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00							1	0	0.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0390

Parameter				Total	Exceed	Prop.	6/01-10/31			11/01-2/29			3/01-5/31			n/a		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	15.	0 &	0	0.00												
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0391

NPS Station ID: CHCH0391
LAT/LON: 35.095559/ -85.412781
Agency: 11EPALES
Date Created: / /
Location: UNNAMED
FIPS State/County: 47000 TENNESSEE/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 4717R1
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: T/NICKAJACK LAKE
Elevation: 0
Water Body Id:
Minor Basin: XING ON KELLEYS FERRY RD 4
ECO Region:
RF1 Index: 06020001001
RF1 Mile Point: 31.700
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 06020001041200.00
RF3 Mile Point: 0.09
Distance from RF3: 0.02
On/Off RF3:
Description:
AT CROSSING ON KELLEYS FERRY RD

Parameter Inventory for Station: CHCH0391

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/14/73-03/26/74	7	0.032	0.05	0.17	0.01	0.003	0.055	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/14/73-03/26/74	7 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/14/73-03/26/74	7	0.012	0.014	0.03	0.004	0.	0.01	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/09/73-03/26/74	6	0.225	0.342	0.8	0.05	0.109	0.331	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/14/73-03/26/74	7	0.01	0.014	0.03	0.004	0.	0.01	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/14/73-03/26/74	7 ##	0.003	0.004	0.008	0.003	0.	0.002	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/14/73-03/26/74	7 ##	0.003	0.003	0.008	0.003	0.	0.002	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0391

				Total	Exceed	Prop.	6/01-10/31			11/01-2/29			3/01-5/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	7	0	0.00	1	0	0.00	4	0	0.00	2	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	7	0	0.00	1	0	0.00	4	0	0.00	2	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	7	0	0.00	1	0	0.00	4	0	0.00	2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0392

NPS Station ID: CHCH0392
LAT/LON: 35.096115/ -85.259726
Agency: 131TVAC
Date Created: / /
Location: NICKAJACK RESERVOIR
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475345 /1002
RMI-Indexes: 1021500 007720 00920
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 469.00
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER 469.0
ECO Region:
RF1 Index: 06020001018
RF1 Mile Point: 0.580
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 06020001000206.82
RF3 Mile Point: 6.85
Distance from RF3: 0.05
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0392

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/07/67-09/07/67	6	1.	0.667	1.	0.	0.267	0.516	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/07/67-09/07/67	2	22.	22.	22.	22.	0.	0.	**	**	**	**
00019	SAMPLE WEIGHT IN GRAMS	10/01/92-11/24/93	20	3145.	3325.9	7324.	1618.	2536066.095	1592.503	1619.	1934.	3947.	6354.2
00039	SAMPLE LENGTH IN MILLIMETERS	10/01/92-11/24/93	18	685.5	659.833	850.	494.	8463.912	92.	537.2	575.5	710.5	776.2
00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/07/67-09/07/67	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/07/67-09/07/67	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	09/07/67-09/07/67	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/07/67-09/07/67	1	160.	160.	160.	160.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/07/67-09/07/67	2	7.2	7.2	8.4	6.	2.88	1.697	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/07/67-09/07/67	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	09/07/67-09/07/67	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/07/67-09/07/67	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/07/67-09/07/67	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/07/67-09/07/67	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/07/67-09/07/67	1	51.	51.	51.	51.	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	09/07/67-09/07/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	09/07/67-09/07/67	1	100.	100.	100.	100.	0.	0.	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/07/67-09/07/67	1	100.	100.	100.	100.	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/07/67-09/07/67	1	0.17	0.17	0.17	0.17	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/07/67-09/07/67	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/07/67-09/07/67	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/07/67-09/07/67	1	0.31	0.31	0.31	0.31	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/07/67-09/07/67	1	0.049	0.049	0.049	0.049	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/07/67-09/07/67	1	0.026	0.026	0.026	0.026	0.	0.	**	**	**	**
00722	CYANIDE, FREE (AMENABLE TO CHLORINATION) MG/L	09/07/67-09/07/67	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	09/07/67-09/07/67	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	09/07/67-09/07/67	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	09/07/67-09/07/67	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	09/07/67-09/07/67	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/07/67-09/07/67	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/07/67-09/07/67	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	09/07/67-09/07/67	1	0.11	0.11	0.11	0.11	0.	0.	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	09/07/67-09/07/67	1	4.7	4.7	4.7	4.7	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/07/67-09/07/67	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/07/67-09/07/67	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/07/67-09/07/67	1	320.	320.	320.	320.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/07/67-09/07/67	1	50.	50.	50.	50.	0.	0.	**	**	**	**
01047	IRON, FERROUS (UG/L AS FE)	09/07/67-09/07/67	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0392

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01055	MANGANESE, TOTAL (UG/L AS MN)	09/07/67-09/07/67	1	80.	80.	80.	80.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/07/67-09/07/67	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/07/67-09/07/67	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01501	ALPHA, TOTAL	09/07/67-09/07/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01502	ALPHA, TOTAL, COUNTING ERROR	09/07/67-09/07/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01503	ALPHA, DISSOLVED	09/07/67-09/07/67	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01504	ALPHA, DISSOLVED, COUNTING ERROR	09/07/67-09/07/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01505	ALPHA, SUSPENDED	09/07/67-09/07/67	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01506	ALPHA, SUSPENDED, COUNTING ERROR	09/07/67-09/07/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
03501	BETA, TOTAL	09/07/67-09/07/67	1	2.	2.	2.	2.	0.	0.	**	**	**	**
03502	BETA, TOTAL, COUNTING ERROR	09/07/67-09/07/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
03503	BETA, DISSOLVED	09/07/67-09/07/67	1	2.	2.	2.	2.	0.	0.	**	**	**	**
03504	BETA, DISSOLVED, COUNTING ERROR	09/07/67-09/07/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
03505	BETA, SUSPENDED	09/07/67-09/07/67	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
03506	BETA, SUSPENDED, COUNTING ERROR	09/07/67-09/07/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/07/67-09/07/67	3	36.	40.333	62.	23.	394.333	19.858	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/07/67-09/07/67	3	1.556	1.57	1.792	1.362	0.047	0.216	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			37.166								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/07/67-09/07/67	3	3.	3.333	6.	1.	6.333	2.517	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/07/67-09/07/67	3	0.477	0.418	0.778	0.	0.154	0.392	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.621								
34664	PCB - 1221 WET WGTTISMG/KG	10/01/92-02/15/95	12 ##	0.05	0.058	0.1	0.05	0.	0.019	0.05	0.05	0.05	0.1
34667	PCB - 1232 WET WGTTISMG/KG	10/01/92-02/15/95	12 ##	0.05	0.058	0.1	0.05	0.	0.019	0.05	0.05	0.05	0.1
34669	PCB - 1248 WET WGTTISMG/KG	10/01/92-02/15/95	12 ##	0.05	0.058	0.1	0.05	0.	0.019	0.05	0.05	0.05	0.1
34670	PCB - 1260 WET WGTTISMG/KG	10/01/92-02/15/95	12	0.3	0.375	0.7	0.2	0.027	0.166	0.2	0.225	0.5	0.67
34674	PCB - 1016 WET WGTTISMG/KG	10/01/92-02/15/95	12 ##	0.05	0.058	0.1	0.05	0.	0.019	0.05	0.05	0.05	0.1
34689	PCB - 1242 WET WGTTISMG/KG	10/01/92-02/15/95	12 ##	0.05	0.058	0.1	0.05	0.	0.019	0.05	0.05	0.05	0.1
34690	PCB - 1254 WET WGTTISMG/KG	10/01/92-02/15/95	12	0.55	0.533	0.9	0.3	0.03	0.172	0.3	0.4	0.6	0.84
39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	10/01/92-02/15/95	13 ##	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.005	0.01
39302	P P DDT IN TISSUE WET WGT (UG/G)	11/18/94-02/15/95	4	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39307	O P DDT IN TISSUE WET WGT (UG/G)	11/18/94-02/15/95	4	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39312	P P DDD IN TISSUE WET WGT (UG/G)	11/18/94-02/15/95	4	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39322	P,P'-DDE IN TISSUE WET WGT MG/KG	11/18/94-02/15/95	4	0.18	0.218	0.36	0.15	0.009	0.096	**	**	**	**
39325	O,P DDD IN TISSUE WET WGT (UG/G)	11/18/94-02/15/95	4	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39329	O,P DDE IN TISSUE, WET WGT(UG/G)	11/18/94-02/15/95	4	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
45579	PERCENT LIPID EXTRACTABLE MATERIAL	10/01/92-02/15/95	12	10.5	9.917	13.	7.	3.538	1.881	7.3	8.	11.	12.7
46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	09/07/67-09/07/67	1	63.	63.	63.	63.	0.	0.	**	**	**	**
70001	COMPOSITE LOCATION IN A CROSS SECTION	09/07/67-09/07/67	2	1072.	1072.	1122.	1022.	5000.	70.711	**	**	**	**
78457	CHLORDENE, ALPHA-, FISH TISSUE, WET WEIGHT, MG/KG	10/01/92-02/15/95	12 ##	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.005	0.01
78459	CHLORDENE, GAMMA-, FISH TISSUE, WET WEIGHT, MG/KG	10/01/92-02/15/95	12 ##	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.005	0.01
78922	NONACHLOR, TRANS, TISSUE, WET WEIGHT MG/KG	10/01/92-02/15/95	12 ##	0.005	0.032	0.1	0.005	0.002	0.041	0.005	0.005	0.075	0.1
78923	NONACHLOR, CIS, TISSUE, WET WEIGHT MG/KG	10/01/92-02/15/95	12	0.015	0.019	0.05	0.005	0.	0.015	0.005	0.005	0.03	0.047
79006	CHLORDENE IN FISH UG/KG	10/01/92-02/15/95	12 ##	5.	5.833	10.	5.	3.788	1.946	5.	5.	5.	10.
85664	WEIGHT, WET, OF FISH LIVER GRAMS	10/01/92-11/24/93	18	50.5	58.556	158.	12.	1515.673	38.932	13.8	35.75	65.	140.
85665	WEIGHT, WET, FISH, RIGHT FILLET GRAMS	10/01/92-11/24/93	18	795.	807.278	1642.	408.	130987.389	361.922	411.6	480.5	947.	1527.7
85666	WEIGHT, WET, FISH, LEFT FILLET GRAMS	10/01/92-11/24/93	18	794.	814.944	1608.	396.	132957.35	364.633	403.2	484.25	940.	1559.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0392

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	2	0	0.00									
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00722	CYANIDE, FREE (AMENABLE TO CHLORINATION)	Fresh Acute	0.022	1	0	0.00	1	0	0.00									
		Drinking Water	0.2	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0392

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	3	0	0.00	3	0	0.00									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	3	0	0.00	3	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0393

NPS Station ID: CHCH0393
LAT/LON: 35.096948/ -85.159726
Agency: 1113S000
Date Created: / /
Location: FCA DRAIN DITCH E MAIN ACCESS R
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 480230 /TR-FCA-3
RMI-Indexes: 1021500 007720 00920 6180 0230 2810
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 008.70 002.80 003.05
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001021
RF1 Mile Point: 10.520
Distance from RF1: 13.20
On/Off RF1: OFF
RF3 Index: 06020001123700.00
RF3 Mile Point: 2.35
Distance from RF3: 0.14
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0393

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/15/68-10/17/68	3	37.	36.333	37.	35.	1.333	1.155	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	10/15/68-10/17/68	3	0.8	0.833	0.9	0.8	0.003	0.058	**	**	**	**
00400	PH (STANDARD UNITS)	10/16/68-10/17/68	2	8.35	8.35	8.5	8.2	0.045	0.212	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/16/68-10/17/68	2	8.325	8.325	8.5	8.2	0.046	0.215	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/16/68-10/17/68	2	0.005	0.005	0.006	0.003	0.	0.002	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/15/68-10/17/68	3	90.	103.333	160.	60.	2633.333	51.316	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/15/68-10/17/68	3	124.	133.333	167.	109.	906.333	30.105	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/15/68-10/17/68	3	145.	128.333	165.	75.	2233.333	47.258	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0393

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	3	1.00	3	3	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0394

NPS Station ID: CHCH0394
Location: NICKAJACK RESERVOIR
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes: 1021500 007720 00920
RMI-Miles: 0953.80 0046.50 449.00
HUC: 06020001
Major Basin: TENNESSEE RIVER BASIN
Minor Basin: TENNESSEE RIVER 449.0
RF1 Index: 06020001001
RF3 Index: 06020001000103.38
Description:

LAT/LON: 35.096948/ -85.411670
Depth of Water: 0
Elevation: 0
RF1 Mile Point: 31.700
RF3 Mile Point: 3.38

Agency: 131TVAC
FIPS State/County: 47115 TENNESSEE/MARION
STORET Station ID(s): 475820 /0960
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.10

Date Created: / /
On/Off RF1: ON
On/Off RF3:

Parameter Inventory for Station: CHCH0394

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/08/70-09/08/70	3	35.	34.667	68.	1.	1122.333	33.501	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	09/08/70-09/08/70	3 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0394

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
71900	MERCURY, TOTAL	Fresh Acute	2.4	3	0	0.00	3	0	0.00									
		Drinking Water	2.	3	0	0.00	3	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0395

NPS Station ID: CHCH0395
LAT/LON: 35.097226/ -85.160281
Agency: 1113S000
Date Created: / /
Location: FCA DRAIN DITCH S NH4 PLANT
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 480235 /TR-FCA-2
RMI-Indexes: 1021500 007720 00920 6180 0230 2810
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 008.70 002.80 003.10
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001021
RF1 Mile Point: 10.520
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 06020001123700.00
RF3 Mile Point: 2.27
Distance from RF3: 0.31
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0395

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/15/68-10/17/68	3	36.	34.333	37.	30.	14.333	3.786	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	10/15/68-10/17/68	3	0.2	0.163	0.2	0.09	0.004	0.064	**	**	**	**
00400	PH (STANDARD UNITS)	10/16/68-10/17/68	2	8.55	8.55	9.3	7.8	1.125	1.061	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/16/68-10/17/68	2	8.088	8.088	9.3	7.8	1.553	1.246	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/16/68-10/17/68	2	0.008	0.008	0.016	0.001	0.	0.011	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/15/68-10/17/68	3	65.	231.667	575.	55.	88433.333	297.377	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/15/68-10/17/68	3	76.	247.	590.	75.	88237.	297.047	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/15/68-10/17/68	3	420.	346.667	420.	200.	16133.333	127.017	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0395

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	2	1	0.50	2	1	0.50									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	3	1.00	3	3	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0396

NPS Station ID: CHCH0396
LAT/LON: 35.097226/ -85.160559
Agency: 1113S000
Date Created: / /
Location: FCA DRAIN DITCH SE HNO3 PLANT
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 480240 /TR-FCA-1
RMI-Indexes: 1021500 007720 00920 6180 0230 2810
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 468.20 008.70 002.80 003.09
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001021
RF1 Mile Point: 10.520
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 06020001123700.00
RF3 Mile Point: 2.27
Distance from RF3: 0.32
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0396

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/15/68-10/17/68	3	35.	34.5	36.	32.5	3.25	1.803	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	10/15/68-10/17/68	3	0.6	0.633	0.7	0.6	0.003	0.058	**	**	**	**
00400	PH (STANDARD UNITS)	10/16/68-10/17/68	2	7.9	7.9	8.	7.8	0.02	0.141	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/16/68-10/17/68	2	7.889	7.889	8.	7.8	0.02	0.142	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/16/68-10/17/68	2	0.013	0.013	0.016	0.01	0.	0.004	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/15/68-10/17/68	3	110.	113.333	130.	100.	233.333	15.275	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/15/68-10/17/68	3	130.	125.333	136.	110.	185.333	13.614	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/15/68-10/17/68	3	55.	55.	60.	50.	25.	5.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0396

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	3	1.00	3	3	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0397

NPS Station ID: CHCH0397
LAT/LON: 35.097503/ -85.218893
Agency: 131TVAC
Date Created: 05/27/89
Location: CHICKAMAUGA BOAT HARBOR DOCK
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 477145
RMI-Indexes: 1021500 007720 00920 6240
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 471.40 000.02
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: EMBAYMENT 0.02 @ TENNESSEE RIVER 471.4
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 0.80
On/Off RF1:
RF3 Index: 06020001028000.00
RF3 Mile Point: 0.03
Distance from RF3: 0.12
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0397

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/17/89-06/06/89	10	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/17/89-06/06/89	10 ##	11.5	18.9	55.	5.	397.211	19.93	5.	5.	27.25	55.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/17/89-06/06/89	10 ##	0.977	1.074	1.74	0.699	0.188	0.433	0.699	0.699	1.377	1.74
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			11.861								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0397

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	10	0	0.00	3	0	0.00				7	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0398

NPS Station ID: CHCH0398
LAT/LON: 35.097503/ -85.223337
Agency: 131TVAC
Date Created: 03/15/86
Location: CHICKAMAUGA RECREATION AREA
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 476676
RMI-Indexes: 1021500 007720 00920
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 471.20
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER 471.2
ECO Region:
RF1 Index: 06020001019
RF1 Mile Point: 0.510
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 06020001003007.09
RF3 Mile Point: 7.09
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0398

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/27/86-07/20/93	28	1.	8.25	52.	1.	239.528	15.477	1.	1.	4.	41.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/20/93-07/20/93	8	30.25	29.738	30.8	27.7	1.723	1.313	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/20/93-07/20/93	8	7.75	6.475	8.7	1.9	8.585	2.93	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/27/86-06/06/89	20	20.	30.2	130.	5.	1022.589	31.978	5.	5.	56.5	63.6
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/27/86-06/06/89	20	1.301	1.238	2.114	0.699	0.243	0.493	0.699	0.699	1.749	1.803
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			17.282								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0398

				Total	Exceed	Prop.	----------6/01-10/31----------			----------11/01-2/29----------			----------3/01-5/31----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	8	2	0.25	8	2	0.25									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	20	0	0.00	11	0	0.00				9	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0399

NPS Station ID: CHCH0399 LAT/LON: 35.097503/ -85.223337 Agency: 131TVAC Date Created: 07/01/89
Location: CHICKAMAUGA BACT. - SEE DESCRIPTIVE PARAGRAPH FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): CHICK89B
RMI-Indexes: 1021500 007720 00920 Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 471.20
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: TENNESSEE RIVER BASIN Elevation: 0 Water Body Id:
Minor Basin: BLANK DATA ECO Region:
RF1 Index: 06020001 RF1 Mile Point: 0.000 Distance from RF1: 1.10 On/Off RF1:
RF3 Index: 06020001003002.99 RF3 Mile Point: 4.18 Distance from RF3: 0.08 On/Off RF3:
Description:
THIS STATION RECORDS DATA FROM THE COLLECTION OF FIELD BLANK SAMPLES AND ARE TO BE ASSOCIATED WITH THE FOLLOWING STATIONS:
476676 CHICKAMAUGA RECREATION AREA - CH1 477145 CHICKAMAUGA BOAT HARBOR DOCK - CH2
477146 LAKE JUNIOR SWIMMING AREA - CH3

Parameter Inventory for Station: CHCH0399

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/17/89-06/06/89	20 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/17/89-06/06/89	20 ##	0.699	0.699	0.699	0.699	0.	0.	0.699	0.699	0.699	0.699
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			5.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0399

				Total	Exceed	Prop.	6/01-10/31			11/01-2/29			3/01-5/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	20	0	0.00	6	0	0.00				14	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0400

NPS Station ID: CHCH0400
LAT/LON: 35.097781/ -85.252781
Agency: 1113S090
Date Created: / /
Location: TENN RIVER POLYSAR EFF WEST BANK
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM
STORET Station ID(s): 470075 /P-01
RMI-Indexes: 1021500 007720 00920
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 469.40
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001018
RF1 Mile Point: 0.970
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 06020001000700.00
RF3 Mile Point: 0.65
Distance from RF3: 0.05
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0400

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

***** Data for this station locked by controlling agency *****

Station Inventory for Station: CHCH0401

NPS Station ID: CHCH0401
LAT/LON: 35.097781/ -85.327781
Agency: 131TVAC
Date Created: / /
Location: AT SIGNAL MOUNTAIN BOULEVARD
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475755 /2525
RMI-Indexes: 1021500 007720 00920 6053
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 455.40 001.49
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: MOUNTAIN CREEK 1.49
ECO Region:
RF1 Index: 06020001002
RF1 Mile Point: 2.570
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 06020001042900.00
RF3 Mile Point: 0.59
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0401

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/23/73-12/05/73	13	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/23/73-12/05/73	13	15.8	15.785	23.3	10.6	19.073	4.367	10.6	11.4	19.3	22.86
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/23/73-12/05/73	11	5.	6.155	18.	0.8	31.879	5.646	0.82	2.	10.	17.2
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/23/73-12/05/73	13	10.	13.769	40.	5.	99.859	9.993	5.4	7.5	20.	34.
00080	COLOR (PLATINUM-COBALT UNITS)	01/23/73-12/05/73	13	5.	8.846	35.	5.	67.308	8.204	5.	5.	10.	25.
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	01/23/73-12/05/73	13	35.	38.462	100.	10.	580.769	24.099	12.	20.	50.	84.
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	01/23/73-12/05/73	13 ##	0.5	0.538	1.	0.5	0.019	0.139	0.5	0.5	0.5	0.8
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/23/73-12/05/73	13	250.	250.	300.	160.	2216.667	47.081	176.	210.	295.	300.
00300	OXYGEN, DISSOLVED MG/L	01/23/73-12/05/73	13	8.9	8.831	11.2	6.7	1.732	1.316	6.82	7.75	9.5	11.
00310	BOD, 5 DAY, 20 DEG C MG/L	01/23/73-12/05/73	13 ##	0.5	0.877	1.8	0.5	0.219	0.468	0.5	0.5	1.3	1.68
00335	COD, .025N K2CR2O7 MG/L	01/23/73-12/05/73	13	3.	4.231	8.	1.	5.192	2.279	1.4	3.	6.5	8.
00400	PH (STANDARD UNITS)	01/23/73-12/05/73	13	7.3	7.4	8.	6.6	0.2	0.447	6.76	7.05	7.9	8.
00400	CONVERTED PH (STANDARD UNITS)	01/23/73-12/05/73	13	7.3	7.202	8.	6.6	0.243	0.493	6.76	7.05	7.9	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/23/73-12/05/73	13	0.05	0.063	0.251	0.01	0.004	0.065	0.01	0.013	0.09	0.191
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/23/73-12/05/73	13	100.	103.385	140.	60.	587.756	24.244	69.2	86.	125.	140.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/23/73-12/05/73	13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/23/73-10/24/73	10	155.	147.	180.	100.	801.111	28.304	101.	117.5	170.	179.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/23/73-12/05/73	13	10.	13.923	44.	4.	140.077	11.835	4.	5.	17.5	38.8
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/23/73-12/05/73	13	0.06	0.093	0.24	0.005	0.005	0.074	0.009	0.028	0.16	0.208
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/23/73-12/05/73	13	0.03	0.038	0.16	0.01	0.001	0.039	0.01	0.02	0.04	0.116
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/23/73-12/05/73	13	0.2	0.277	0.69	0.13	0.031	0.177	0.142	0.16	0.355	0.646
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/23/73-12/05/73	13	0.033	0.031	0.049	0.01	0.	0.014	0.01	0.02	0.043	0.049
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/23/73-12/05/73	13	0.01	0.011	0.029	0.005	0.	0.007	0.005	0.005	0.01	0.025
00916	CALCIUM, TOTAL (MG/L AS CA)	01/23/73-12/05/73	13	39.	44.	65.	21.	176.167	13.273	26.2	35.	57.	64.2
00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/23/73-12/05/73	13	4.4	4.738	6.	3.1	1.056	1.028	3.34	3.95	5.9	6.
00929	SODIUM, TOTAL (MG/L AS NA)	01/23/73-12/05/73	13	3.1	3.862	14.	1.9	9.883	3.144	1.98	2.3	3.6	10.32
00937	POTASSIUM, TOTAL MG/L AS K)	01/23/73-12/05/73	13	1.6	1.723	2.8	1.1	0.339	0.582	1.14	1.2	2.15	2.76
00940	CHLORIDE,TOTAL IN WATER MG/L	01/23/73-12/05/73	13	4.	4.846	8.	3.	1.808	1.345	3.4	4.	6.	7.2
00945	SULFATE, TOTAL (MG/L AS SO4)	01/23/73-12/05/73	13	11.	10.769	18.	8.	6.359	2.522	8.	9.	11.	15.6
00951	FLUORIDE, TOTAL (MG/L AS F)	01/23/73-12/05/73	13	0.07	0.074	0.1	0.05	0.	0.016	0.054	0.06	0.085	0.1
00956	SILICA, TOTAL (MG/L AS SI02)	01/23/73-12/05/73	13	4.7	4.892	6.4	3.3	0.592	0.77	3.78	4.55	5.45	6.2
01002	ARSENIC, TOTAL (UG/L AS AS)	01/23/73-01/23/73	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	01/23/73-12/05/73	13	700.	948.462	2700.	370.	450430.769	671.141	370.	425.	1350.	2220.
01046	IRON, DISSOLVED (UG/L AS FE)	01/23/73-12/05/73	13 ##	25.	44.615	150.	25.	1243.59	35.265	25.	25.	60.	114.
01047	IRON, FERROUS (UG/L AS FE)	01/23/73-12/05/73	13	80.	94.615	290.	30.	4260.256	65.271	34.	60.	110.	226.
01055	MANGANESE, TOTAL (UG/L AS MN)	01/23/73-12/05/73	13	100.	110.769	180.	60.	1624.359	40.303	64.	75.	150.	172.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	01/23/73-12/05/73	13	90.	130.	520.	40.	15883.333	126.029	44.	55.	150.	388.
01147	SELENIUM, TOTAL (UG/L AS SE)	01/23/73-01/23/73	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0401

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/23/73-12/05/73	13	320.	446.923	1800.	50.	238106.41	487.961	62.	90.	670.	1428.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/23/73-12/05/73	13	2.505	2.432	3.255	1.699	0.217	0.466	1.781	1.952	2.812	3.129
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			270.279								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/23/73-12/05/73	13	50.	156.923	800.	10.	49773.077	223.099	10.	25.	240.	624.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/23/73-12/05/73	13	1.699	1.844	2.903	1.	0.345	0.588	1.	1.389	2.366	2.764
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			69.798								
46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	01/23/73-12/05/73	13	110.	131.154	190.	65.	1533.974	39.166	79.	100.	170.	186.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/07/73-12/05/73	3	170.	153.333	180.	110.	1433.333	37.859	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0401

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	13	0	0.00	5	0	0.00	5	0	0.00	3	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	13	0	0.00	5	0	0.00	5	0	0.00	3	0	0.00			
00400	PH	Fresh Chronic	9.	13	0	0.00	5	0	0.00	5	0	0.00	3	0	0.00			
		Other-Lo Lim.	6.5	13	0	0.00	5	0	0.00	5	0	0.00	3	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	13	0	0.00	5	0	0.00	5	0	0.00	3	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	13	0	0.00	5	0	0.00	5	0	0.00	3	0	0.00			
		Drinking Water	250.	13	0	0.00	5	0	0.00	5	0	0.00	3	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	13	0	0.00	5	0	0.00	5	0	0.00	3	0	0.00			
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	13	0	0.00	5	0	0.00	5	0	0.00	3	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						
01147	SELENIUM, TOTAL	Fresh Acute	20.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	13	1	0.08	5	1	0.20	5	0	0.00	3	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	13	3	0.23	5	3	0.60	5	0	0.00	3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0402

NPS Station ID: CHCH0402 | LAT/LON: 35.097809/ -85.425309 | Agency: 11NPSWRD | Date Created: 04/03/99
Location: TNMR509R | FIPS State/County: 47115 TENNESSEE/MARION
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): CHCH_NURE_14 /4085591
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 06020001 | Depth of Water: 0 | Aquifer:
Major Basin: TENNESSEE RIVER | Elevation: 0 | Water Body Id:
Minor Basin: TENNESSEE R-MAIN STEM & MINOR TRIBS | ECO Region:
RF1 Index: 06020001 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 06020001011302.01 | RF3 Mile Point: 3.41 | Distance from RF3: 0.11 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WAUHATCHIE TENNESSEE 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THIS SITE IS AT A SPRING AND IS LOCATED OUTSIDE OF THE CHICKAMAUGA AND CHATTANOOGA NATIONAL MILITARY PARK BOUNDARIES. EACH SAMPLE WAS FILTERED THROUGH A LESS THAN OR EQUAL TO 0.8 UM FILTER AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATABASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K.D. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATABASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUNDWATER DATA. THE "UNIQID" ENTRY WAS USED TO CREATE THE SECONARY STATION NAME. THE "SRLID" (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) ENTRY WAS USED TO CREATE THE LOCATION. SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY RONDA BURNS; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FT. COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: CHCH0402

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/78-08/24/78	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/24/78-08/24/78	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/24/78-08/24/78	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/24/78-08/24/78	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/24/78-08/24/78	1	0.126	0.126	0.126	0.126	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/24/78-08/24/78	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/24/78-08/24/78	1	2.17	2.17	2.17	2.17	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/24/78-08/24/78	1	61.	61.	61.	61.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	08/24/78-08/24/78	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/24/78-08/24/78	1	133.	133.	133.	133.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	08/24/78-08/24/78	1	0.045	0.045	0.045	0.045	0.	0.	**	**	**	**
50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	08/24/78-08/24/78	1	2500.	2500.	2500.	2500.	0.	0.	**	**	**	**
82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	08/24/78-08/24/78	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0402

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0403

NPS Station ID: CHCH0403 LAT/LON: 35.098892/ -85.234449 Agency: 131TVAC Date Created: 06/27/92
Location: FISHING PIERS AT C.B. ROBINSON BRIDGE-RIVERPARK FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 477437 /TRM 469.50L
RMI-Indexes: 1021500 007720 00920 Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 469.50
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: TENNESSEE RIVER BASIN Elevation: 0 Water Body Id:
Minor Basin: TENNESSEE RIVER 469.5L ECO Region:
RF1 Index: 06020001 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 06020001054500.00 RF3 Mile Point: 0.12 Distance from RF3: 0.03 On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0403

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/26/92-06/11/92	11	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/26/92-06/11/92	11	10.	12.455	27.	5.	63.473	7.967	5.	6.	17.	27.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/26/92-06/11/92	11	1.	1.023	1.431	0.699	0.067	0.258	0.699	0.778	1.23	1.431
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			10.541								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0403

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	11	0	0.00	7	0	0.00				4	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0404

NPS Station ID: CHCH0404
LAT/LON: 35.099170/ -85.328337
Agency: 11EPALES
Date Created: / /
Location: MOUNTAIN CREEK
FIPS State/County: 47000 TENNESSEE/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 4717D1
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: T/NICKAJCK LAKE
Elevation: 0
Water Body Id:
Minor Basin: U S HWY 127 BRDG AT SIGNAL HILLS
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 06020001042900.00
RF3 Mile Point: 0.45
Distance from RF3: 0.01
On/Off RF3:
Description:
U S HWY 127 BRIDGE AT SIGNAL HILLS

Parameter Inventory for Station: CHCH0404

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/14/73-03/26/74	13	0.025	0.042	0.112	0.01	0.001	0.033	0.012	0.022	0.071	0.103
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/14/73-03/26/74	13	0.002	0.006	0.061	0.001	0.	0.016	0.001	0.001	0.002	0.038
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/14/73-03/26/74	13	0.276	0.35	1.44	0.132	0.114	0.338	0.143	0.183	0.338	1.032
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/14/73-03/26/74	13	0.24	0.433	1.6	0.05	0.222	0.471	0.05	0.085	0.5	1.44
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/14/73-03/26/74	13	0.28	0.356	1.5	0.13	0.125	0.354	0.142	0.185	0.34	1.068
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/14/73-03/26/74	13	0.025	0.032	0.075	0.01	0.	0.018	0.012	0.02	0.04	0.067
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/14/73-03/26/74	13	0.007	0.008	0.016	0.003	0.	0.004	0.003	0.006	0.012	0.016

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0404

				Total	Exceed	Prop.	----------6/01-10/31----------			----------11/01-2/29----------			----------3/01-5/31----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	13	0	0.00	5	0	0.00	5	0	0.00	3	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	13	0	0.00	5	0	0.00	5	0	0.00	3	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	13	0	0.00	5	0	0.00	5	0	0.00	3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0405

NPS Station ID: CHCH0405
LAT/LON: 35.101392/ -85.243338
Agency: 1113S090
Date Created: / /
Location: TENNESSEE R STATE TECH INST.
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 470235 /CST-01
RMI-Indexes: 1021500 007720 00920
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 464.50
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001018
RF1 Mile Point: 1.570
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 06020001000600.90
RF3 Mile Point: 9.44
Distance from RF3: 0.22
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0405

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

***** Data for this station locked by controlling agency *****

Station Inventory for Station: CHCH0406

NPS Station ID: CHCH0406
LAT/LON: 35.101670/ -85.357226
Agency: 21TNWQ
Date Created: / /
Location: TENNESSEE RIVER
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 003290 /333290 /233290
RMI-Indexes: 1021500 007720 00920
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 454.00
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER
ECO Region:
RF1 Index: 06020001002
RF1 Mile Point: 2.430
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 06020001000203.85
RF3 Mile Point: 3.86
Distance from RF3: 0.07
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0406

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/17/64-08/19/64	87	14.	13.644	37.	0.	126.744	11.258	0.	1.	24.	30.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/17/64-08/19/64	87	26.	25.69	27.	24.	0.565	0.752	25.	25.	26.	27.
00064	DEPTH OF STREAM, MEAN (FT)	06/17/64-08/19/64	87	28.	26.598	37.	14.	24.941	4.994	20.	24.	30.	32.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/17/64-08/19/64	87	18.	21.057	57.	5.	141.334	11.888	8.	12.	29.	37.6
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	06/17/64-08/19/64	87	95.	124.069	395.	50.	4357.065	66.008	65.2	75.	160.	201.
00300	OXYGEN, DISSOLVED MG/L	06/17/64-08/19/64	87	5.6	5.43	6.3	4.4	0.288	0.537	4.6	4.9	5.8	6.1
00310	BOD, 5 DAY, 20 DEG C MG/L	06/17/64-08/19/64	87	1.2	1.162	2.3	0.2	0.149	0.386	0.7	0.9	1.4	1.7
00403	PH, LAB, STANDARD UNITS SU	06/17/64-08/19/64	87	7.	7.016	7.3	6.8	0.017	0.131	6.8	6.9	7.1	7.2
00403	CONVERTED PH, LAB, STANDARD UNITS	06/17/64-08/19/64	87	7.	6.997	7.3	6.8	0.018	0.132	6.8	6.9	7.1	7.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/17/64-08/19/64	87	0.1	0.101	0.158	0.05	0.001	0.03	0.063	0.079	0.126	0.158

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0406

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	87	3	0.03	87	3	0.03									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	87	0	0.00	87	0	0.00									
00403	PH, LAB	Fresh Chronic	9.	87	0	0.00	87	0	0.00									
		Other-Lo Lim.	6.5	87	0	0.00	87	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0407

NPS Station ID: CHCH0407
LAT/LON: 35.102503/ -85.243059
Agency: 21TNWQ
Date Created: / /
Location: TENN-AM WATER CO. DATA 470.0 L
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): TN101L
RMI-Indexes: 1021500 007720 00920
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 470.00
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001018
RF1 Mile Point: 1.720
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 06020001003300.58
RF3 Mile Point: 0.58
Distance from RF3: 0.05
On/Off RF3:
Description:
TENNESSEE RIVER MILE 470.0 STATION LOCATED BELOW CHICKAMAUGA DAM SAMPLES COLLECTED 25 PERCENT OF STREAM WIDTH FROM LEFT BANK
SAMPLES COLLECTED BY TENNESSEE AMERICAN WATER COMPANY IN CHATTANOOGA

Parameter Inventory for Station: CHCH0407

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/02/74-09/26/74	36	11.5	11.5	20.	3.	74.314	8.621	3.	3.	20.	20.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	08/01/74-09/26/74	28	78.25	77.464	80.	70.	9.054	3.009	73.6	76.	80.	80.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/02/74-09/26/74	36	6.5	11.447	101.	4.4	272.825	16.517	4.5	5.45	10.7	19.8
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/02/74-09/26/74	36	174.	174.111	190.	160.	49.016	7.001	165.	170.	180.	180.6
00300	OXYGEN, DISSOLVED MG/L	08/01/74-09/26/74	26	6.2	6.169	7.	5.4	0.163	0.404	5.6	5.95	6.425	6.8
00310	BOD, 5 DAY, 20 DEG C MG/L	08/01/74-09/26/74	26	1.	0.854	1.6	0.5	0.132	0.364	0.5	0.5	1.125	1.4
00403	PH, LAB, STANDARD UNITS SU	07/02/74-09/26/74	36	7.6	7.586	7.8	7.	0.036	0.188	7.2	7.5	7.7	7.8
00403	CONVERTED PH, LAB, STANDARD UNITS	07/02/74-09/26/74	36	7.6	7.538	7.8	7.	0.038	0.195	7.2	7.5	7.7	7.8
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/02/74-09/26/74	36	0.025	0.029	0.1	0.016	0.	0.017	0.016	0.02	0.032	0.063
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/02/74-09/26/74	36	55.5	55.583	62.	52.	4.193	2.048	53.	54.25	56.	57.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/02/74-09/26/74	36 ##	0.5	0.528	1.	0.5	0.013	0.116	0.5	0.5	0.5	0.5
00690	CARBON, TOTAL (MG/L AS C)	08/01/74-09/26/74	26	1.8	1.931	3.9	1.1	0.397	0.63	1.3	1.4	2.225	2.86
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/02/74-09/26/74	36	65.	65.694	78.	60.	19.247	4.387	60.7	62.	69.	71.
00910	CALCIUM (MG/L AS CACO3)	07/02/74-09/26/74	36	20.	20.272	22.	17.6	1.187	1.089	18.4	20.	21.	21.72
00920	MAGNESIUM (MG/L AS CACO3)	07/02/74-09/26/74	36	3.6	3.664	6.8	1.5	0.964	0.982	2.4	3.2	4.1	4.75
00929	SODIUM, TOTAL (MG/L AS NA)	07/02/74-09/26/74	30	5.	5.367	6.5	4.	0.809	0.9	4.	5.	6.	6.5
00940	CHLORIDE,TOTAL IN WATER MG/L	07/02/74-09/26/74	36	7.	7.056	10.	5.	2.054	1.433	5.	6.	8.	9.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/02/74-09/23/74	32	0.12	0.114	0.18	0.05	0.002	0.044	0.05	0.063	0.15	0.17
01027	CADMIUM, TOTAL (UG/L AS CD)	07/02/74-09/26/74	36 ##	0.003	0.003	0.003	0.003	0.	0.	0.003	0.003	0.003	0.003
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/02/74-09/26/74	36 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
01042	COPPER, TOTAL (UG/L AS CU)	07/02/74-09/26/74	36 ##	0.005	0.011	0.04	0.005	0.	0.01	0.005	0.005	0.01	0.03
01045	IRON, TOTAL (UG/L AS FE)	07/02/74-09/26/74	36	0.1	0.124	0.4	0.08	0.004	0.067	0.08	0.08	0.175	0.2
01051	LEAD, TOTAL (UG/L AS PB)	07/02/74-09/26/74	36 ##	0.02	0.021	0.04	0.02	0.	0.005	0.02	0.02	0.02	0.02
01055	MANGANESE, TOTAL (UG/L AS MN)	07/02/74-09/26/74	36	0.03	0.034	0.07	0.01	0.	0.017	0.02	0.02	0.048	0.063
01092	ZINC, TOTAL (UG/L AS ZN)	07/02/74-09/26/74	36	0.01	0.022	0.09	0.005	0.001	0.024	0.005	0.01	0.02	0.08
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/02/74-09/26/74	34	200.	461.765	2950.	25.	528607.398	727.054	50.	100.	400.	1500.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/02/74-09/26/74	34	2.301	2.307	3.47	1.398	0.285	0.534	1.699	2.	2.602	3.176
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			202.751								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/02/74-09/26/74	34 ##	5.	5.809	30.	2.5	26.409	5.139	2.5	2.5	5.	10.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/02/74-09/26/74	34 ##	0.699	0.674	1.477	0.398	0.066	0.256	0.398	0.398	0.699	1.
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.72								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/02/74-09/26/74	34 ##	5.	5.809	30.	2.5	26.409	5.139	2.5	2.5	5.	10.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/02/74-09/26/74	34 ##	0.699	0.674	1.477	0.398	0.066	0.256	0.398	0.398	0.699	1.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0407

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4.72								
72033	FLOW, AVERAGE DAILY SPILLWAY DISCHARGE CFS	07/02/74-09/26/74	36	31050.	28427.778	42000.	0.	118908349.206	10904.51	0.	27800.	33600.	37900.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0407

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	36	1	0.03	36	1	0.03									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	26	0	0.00	26	0	0.00									
00403	PH, LAB	Fresh Chronic	9.	36	0	0.00	36	0	0.00									
		Other-Lo Lim.	6.5	36	0	0.00	36	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	36	0	0.00	36	0	0.00									
		Drinking Water	250.	36	0	0.00	36	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	32	0	0.00	32	0	0.00									
01027	CADMIUM, TOTAL	Fresh Acute	3.9	36	0	0.00	36	0	0.00									
		Drinking Water	5.	36	0	0.00	36	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	36	0	0.00	36	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	36	0	0.00	36	0	0.00									
		Drinking Water	1300.	36	0	0.00	36	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	36	0	0.00	36	0	0.00									
		Drinking Water	15.	36	0	0.00	36	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	36	0	0.00	36	0	0.00									
		Drinking Water	5000.	36	0	0.00	36	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	34	6	0.18	34	6	0.18									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	34	0	0.00	34	0	0.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	34	0	0.00	34	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0408

NPS Station ID: CHCH0408 | LAT/LON: 35.102782/ -85.225003 | Agency: 11EPALES | Date Created: / /
Location: CHICKAMAUGA LAKE | FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): 470801
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 06020001 | Depth of Water: 54 | Aquifer:
Major Basin: | Elevation: 0 | Water Body Id:
Minor Basin: | ECO Region:
RF1 Index: 06020001019 | RF1 Mile Point: 0.400 | Distance from RF1: 0.00 | On/Off RF1: ON
RF3 Index: 06020001026300.00 | RF3 Mile Point: 0.35 | Distance from RF3: 0.05 | On/Off RF3:
Description:
130 DEGREES FR FLAGS AT LOCK OF CHICKAMAUGA DAM, ADJACENT TO MIDDLE OF 3 "DANGER" BUOYS, EAST OF SLUICE GATES ABOUT 150 YDS.
COMMENTS: 5-23 ULE 16, GREEN, TURBID APPEARANCE. 8-23 ULE 16, MODERATELY TURBID BROWN GREEN; NO SURF ALGAE OR HIGHER AQUATICS; 1% LIGHT AT 11 FT; DEPTH 49 FT. 10-29 ULE 16, DEPTH 47 FT. MAP: TVA TENNESSEE RIVER WATERWAY NAVIGATION CHARTS

Parameter Inventory for Station: CHCH0408

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/23/73-10/29/73	16	15.	20.375	50.	0.	312.917	17.689	0.	5.	37.5	46.5
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/73-10/29/73	16	19.8	21.65	26.6	19.	9.847	3.138	19.	19.5	25.9	26.32
00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	05/23/73-10/29/73	16	88.	87.063	92.	79.	18.996	4.358	80.4	83.25	91.75	92.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	05/23/73-10/29/73	3	39.	38.333	40.	36.	4.333	2.082	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/23/73-10/29/73	10	165.	165.2	170.	162.	10.622	3.259	162.	162.	168.	169.8
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/23/73-10/29/73	16	679.	610.375	1141.	120.	169813.183	412.084	123.5	152.5	1056.5	1131.9
00300	OXYGEN, DISSOLVED MG/L	05/23/73-10/29/73	12	7.	6.95	8.4	5.8	0.75	0.866	5.86	6.	7.7	8.28
00400	PH (STANDARD UNITS)	05/23/73-10/29/73	16	7.5	7.462	7.6	7.3	0.005	0.072	7.37	7.4	7.5	7.53
00400	CONVERTED PH (STANDARD UNITS)	05/23/73-10/29/73	16	7.5	7.457	7.6	7.3	0.005	0.072	7.37	7.4	7.5	7.53
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/73-10/29/73	16	0.032	0.035	0.05	0.025	0.	0.006	0.03	0.032	0.04	0.043
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/23/73-10/29/73	16	59.	59.438	61.	57.	1.463	1.209	57.7	59.	60.75	61.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/23/73-10/29/73	16	0.07	0.067	0.09	0.05	0.	0.015	0.05	0.05	0.078	0.09
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/23/73-10/29/73	16	0.2	0.256	0.6	0.1	0.023	0.15	0.1	0.125	0.375	0.53
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/23/73-10/29/73	16	0.38	0.373	0.4	0.34	0.001	0.023	0.34	0.35	0.39	0.4
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/23/73-10/29/73	16	0.034	0.032	0.043	0.018	0.	0.007	0.02	0.027	0.037	0.039
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/23/73-10/29/73	16	0.014	0.015	0.03	0.007	0.	0.006	0.009	0.011	0.018	0.024
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	05/23/73-10/29/73	3	3.	3.	3.7	2.3	0.49	0.7	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	05/23/73-10/29/73	3	49.	50.	54.	47.	13.	3.606	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0408

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	12	0	0.00	7	0	0.00				5	0	0.00			
00400	PH	Fresh Chronic	9.	16	0	0.00	10	0	0.00				6	0	0.00			
		Other-Lo Lim.	6.5	16	0	0.00	10	0	0.00				6	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0408

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	16	0	0.00	10	0	0.00				6	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0409

NPS Station ID: CHCH0409
LAT/LON: 35.102782/ -85.229727
Agency: 131TVAC
Date Created: / /
Location: CHICKAMAUGA DAM TAILRACE
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475525 /1014
RMI-Indexes: 1021500 007720 00920
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 471.02
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER 471.02
ECO Region:
RF1 Index: 06020001019
RF1 Mile Point: 0.100
Distance from RF1: 1.30
On/Off RF1: ON
RF3 Index: 06020001000606.95
RF3 Mile Point: 7.19
Distance from RF3: 0.04
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0409

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/23/73-07/19/93	96	1.	1.042	5.	1.	0.167	0.408	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/61-09/04/96	1687	22.	19.818	36.	2.	57.298	7.57	8.	13.	26.1	28.02
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/17/68-09/04/96	1200	33000.	33443.697	176600.	750.	377207939.441	19421.842	10000.	22000.	41600.	47000.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/23/73-06/19/80	36	8.85	9.75	25.	0.5	29.037	5.389	4.19	6.7	11.	18.9
00080	COLOR (PLATINUM-COBALT UNITS)	01/23/73-06/19/80	36	10.	12.833	50.	5.	69.	8.307	5.	10.	14.25	25.
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	01/23/73-08/23/77	145	25.	25.366	85.	5.	159.706	12.637	15.	20.	25.	37.8
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	01/23/73-08/14/74	12 ##	0.5	0.708	2.	0.5	0.203	0.45	0.5	0.5	0.875	1.7
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/86-10/25/88	45	211.	209.044	230.	170.	182.453	13.507	189.6	199.5	217.5	227.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/23/73-06/19/80	21	150.	167.143	460.	120.	4831.429	69.508	130.	140.	170.	188.
00300p	OXYGEN, DISSOLVED MG/L	10/10/61-09/04/96	1288	6.6	7.247	14.3	2.2	5.193	2.279	4.7	5.6	9.1	10.8
00310	BOD, 5 DAY, 20 DEG C MG/L	01/23/73-06/19/80	15 ##	0.5	0.793	1.5	0.5	0.156	0.395	0.5	0.5	1.1	1.44
00335	COD, .025N K2CR2O7 MG/L	01/23/73-09/30/74	35	6.	6.686	16.	3.	7.751	2.784	4.6	5.	8.	10.4
00400	PH (STANDARD UNITS)	01/23/73-10/25/88	71	7.5	7.428	8.3	6.3	0.113	0.336	6.92	7.3	7.6	7.8
00400	CONVERTED PH (STANDARD UNITS)	01/23/73-10/25/88	71	7.5	7.264	8.3	6.3	0.14	0.374	6.92	7.3	7.6	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/23/73-10/25/88	71	0.032	0.054	0.501	0.005	0.005	0.071	0.016	0.025	0.05	0.121
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/23/73-06/19/80	22	49.	50.045	61.	38.	31.95	5.652	44.	46.	53.25	59.7
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/23/73-06/19/80	69	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/23/73-10/23/73	9	90.	94.444	110.	80.	77.778	8.819	80.	90.	100.	110.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/23/73-06/19/80	36	6.	7.639	33.	1.	35.723	5.977	2.7	4.	10.	15.
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/23/73-06/19/80	36	0.13	0.137	0.34	0.03	0.004	0.066	0.06	0.093	0.16	0.233
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/23/73-06/19/80	36	0.04	0.044	0.1	0.02	0.	0.02	0.02	0.03	0.06	0.066
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/27/86-09/25/86	8	0.24	0.249	0.33	0.19	0.003	0.052	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/23/73-09/25/86	44	0.32	0.343	1.1	0.04	0.036	0.189	0.105	0.27	0.415	0.535
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/23/73-09/25/86	44	0.03	0.03	0.065	0.005	0.	0.014	0.012	0.02	0.04	0.05
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/23/73-04/19/76	15	0.02	0.02	0.05	0.005	0.	0.013	0.005	0.01	0.029	0.04
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/19/80-06/19/80	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/73-06/19/80	6	2.05	2.433	5.9	1.1	3.055	1.748	**	**	**	**
00722	CYANIDE, FREE (AMENABLE TO CHLORINATION) MG/L	01/23/73-12/04/73	11 ##	0.005	0.005	0.01	0.005	0.	0.002	0.005	0.005	0.005	0.009
00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/19/80-06/19/80	1	60.	60.	60.	60.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	01/23/73-09/30/74	35	20.	19.286	23.	15.	2.739	1.655	17.	18.	20.	22.
00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/23/73-09/30/74	35	4.6	4.531	5.2	3.8	0.103	0.322	4.1	4.3	4.7	4.84
00929	SODIUM, TOTAL (MG/L AS NA)	01/23/73-09/30/74	34	6.15	5.488	7.5	2.9	1.557	1.248	3.8	4.525	6.325	7.15
00937	POTASSIUM, TOTAL MG/L AS K)	01/23/73-09/30/74	34	1.5	1.538	2.4	1.	0.101	0.318	1.2	1.4	1.8	2.
00940	CHLORIDE,TOTAL IN WATER MG/L	01/23/73-06/19/80	36	7.5	7.167	12.	4.	3.457	1.859	5.	6.	8.	9.6
00945	SULFATE, TOTAL (MG/L AS SO4)	01/23/73-06/19/80	36	13.	13.278	20.	9.	4.892	2.212	11.	11.25	14.	16.3
00951	FLUORIDE, TOTAL (MG/L AS F)	01/23/73-12/16/74	111	0.07	0.066	0.08	0.03	0.	0.011	0.05	0.06	0.07	0.08
00956	SILICA, TOTAL (MG/L AS SI02)	01/23/73-02/05/75	116	5.4	5.506	10.	4.3	0.613	0.783	4.7	5.	5.875	6.53
01002	ARSENIC, TOTAL (UG/L AS AS)	01/23/73-08/14/74	14 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0409

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01007	BARIUM, TOTAL (UG/L AS BA)	01/23/73-08/14/74	14 ##	50.	50.	50.	50.	0.	0.	50.	50.	50.	50.
01012	BERYLLIUM, TOTAL (UG/L AS BE)	01/23/73-08/14/74	14 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01022	BORON, TOTAL (UG/L AS B)	07/30/73-08/14/74	4 ##	50.	162.5	500.	50.	50625.	225.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	01/23/73-06/19/80	120 ##	0.5	0.863	19.	0.5	3.189	1.786	0.5	0.5	0.5	1.
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/23/73-08/14/74	14 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01037	COBALT, TOTAL (UG/L AS CO)	07/30/73-07/30/73	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	01/23/73-06/19/80	80 ##	5.	14.875	380.	5.	1858.845	43.114	5.	5.	10.	30.
01045	IRON, TOTAL (UG/L AS FE)	01/23/73-09/30/74	35	490.	588.571	1500.	340.	70747.899	265.985	360.	420.	660.	938.
01046	IRON, DISSOLVED (UG/L AS FE)	01/23/73-06/19/80	15	50.	73.	240.	25.	4160.	64.498	25.	25.	90.	198.
01047	IRON, FERROUS (UG/L AS FE)	01/23/73-02/05/75	15	70.	74.667	130.	10.	1312.381	36.227	28.	50.	110.	124.
01051	LEAD, TOTAL (UG/L AS PB)	01/23/73-06/19/80	30 ##	5.	11.5	82.	2.	212.603	14.581	5.	5.	13.25	20.
01055	MANGANESE, TOTAL (UG/L AS MN)	01/23/73-09/30/74	35	70.	77.143	210.	40.	1073.95	32.771	50.	60.	80.	104.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	01/23/73-06/19/80	14	20.	42.857	160.	5.	2475.824	49.758	5.	5.	62.5	150.
01067	NICKEL, TOTAL (UG/L AS NI)	01/23/73-08/14/74	14 ##	25.	25.	25.	25.	0.	0.	25.	25.	25.	25.
01077	SILVER, TOTAL (UG/L AS AG)	01/23/73-11/29/77	27 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01082	STRONTIUM, TOTAL (UG/L AS SR)	07/30/73-07/30/73	1	100.	100.	100.	100.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	01/23/73-06/19/80	64	10.	19.297	220.	5.	1064.974	32.634	5.	5.	20.	50.
01105	ALUMINUM, TOTAL (UG/L AS AL)	01/23/73-09/30/74	29	800.	968.966	2600.	600.	174359.606	417.564	600.	700.	1100.	1400.
01132	LITHIUM, TOTAL (UG/L AS LI)	07/30/73-08/14/74	4 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	01/23/73-08/14/74	14 ##	0.5	0.893	3.	0.5	0.545	0.738	0.5	0.5	1.	2.5
01152	TITANIUM, TOTAL (UG/L AS TI)	07/30/73-08/14/74	4 ##	500.	500.	500.	500.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/23/73-08/14/74	14 ##	5.	98.214	1200.	5.	100975.412	317.766	5.	5.	15.	640.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/23/73-08/14/74	14 ##	0.699	1.054	3.079	0.699	0.472	0.687	0.699	0.699	1.119	2.491
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			11.313								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/23/73-06/19/80	16 ##	5.	7.188	40.	5.	76.563	8.75	5.	5.	5.	15.5
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/23/73-06/19/80	16 ##	0.699	0.755	1.602	0.699	0.051	0.226	0.699	0.699	0.699	0.97
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			5.694								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/23/73-12/04/73	11	3.	5.591	34.	0.5	94.091	9.7	0.5	0.5	6.	28.6
46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	01/23/73-02/15/79	148	64.	63.689	87.	36.	41.658	6.454	55.8	61.	67.	69.1
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/06/73-06/19/80	28	90.	96.786	160.	80.	237.434	15.409	80.	90.	100.	110.
71900	MERCURY, TOTAL (UG/L AS HG)	01/23/73-06/19/80	34	0.2	0.276	1.3	0.1	0.086	0.293	0.1	0.1	0.3	0.65

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0409

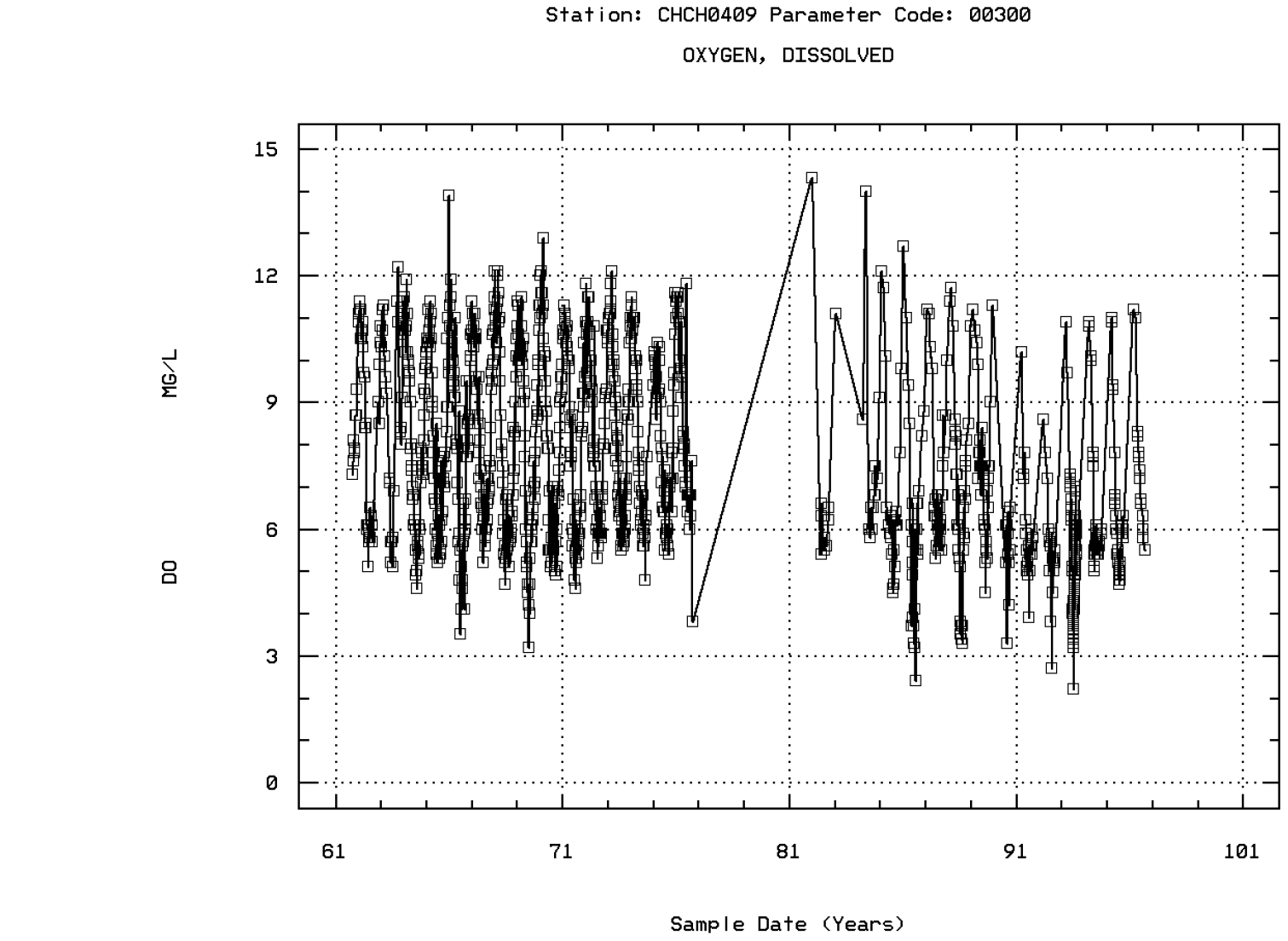
Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	36	0	0.00	25	0	0.00	6	0	0.00	5	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1288	70	0.05	760	69	0.09	260	0	0.00	268	1	0.00			
00400	PH	Fresh Chronic	9.	71	0	0.00	51	0	0.00	7	0	0.00	13	0	0.00			
		Other-Lo Lim.	6.5	71	1	0.01	51	1	0.02	7	0	0.00	13	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	44	0	0.00	32	0	0.00	6	0	0.00	6	0	0.00			
00722	CYANIDE, FREE (AMENABLE TO CHLORINATION)	Fresh Acute	0.022	11	0	0.00	5	0	0.00	4	0	0.00	2	0	0.00			
		Drinking Water	0.2	11	0	0.00	5	0	0.00	4	0	0.00	2	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	36	0	0.00	25	0	0.00	6	0	0.00	5	0	0.00			
		Drinking Water	250.	36	0	0.00	25	0	0.00	6	0	0.00	5	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	36	0	0.00	25	0	0.00	6	0	0.00	5	0	0.00			
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	111	0	0.00	55	0	0.00	51	0	0.00	5	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	14	0	0.00	6	0	0.00	5	0	0.00	3	0	0.00			
		Drinking Water	50.	14	0	0.00	6	0	0.00	5	0	0.00	3	0	0.00			
01007	BARIUM, TOTAL	Drinking Water	2000.	14	0	0.00	6	0	0.00	5	0	0.00	3	0	0.00			
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	14	0	0.00	6	0	0.00	5	0	0.00	3	0	0.00			
		Drinking Water	4.	0 &	0	0.00												
01027	CADMIUM, TOTAL	Fresh Acute	3.9	120	3	0.03	57	1	0.02	57	2	0.04	6	0	0.00			
		Drinking Water	5.	120	1	0.01	57	0	0.00	57	1	0.02	6	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	14	0	0.00	6	0	0.00	5	0	0.00	3	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	80	11	0.14	42	7	0.17	34	1	0.03	4	3	0.75			
		Drinking Water	1300.	80	0	0.00	42	0	0.00	34	0	0.00	4	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	30	1	0.03	22	0	0.00	5	1	0.20	3	0	0.00			
		Drinking Water	15.	30	5	0.17	22	2	0.09	5	3	0.60	3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0409

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01067	NICKEL, TOTAL	Fresh Acute	1400.	14	0	0.00	6	0	0.00	5	0	0.00	3	0	0.00			
		Drinking Water	100.	14	0	0.00	6	0	0.00	5	0	0.00	3	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	100.	27	0	0.00	9	0	0.00	12	0	0.00	6	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	64	2	0.03	42	0	0.00	18	1	0.06	4	1	0.25			
		Drinking Water	5000.	64	0	0.00	42	0	0.00	18	0	0.00	4	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	14	0	0.00	6	0	0.00	5	0	0.00	3	0	0.00			
		Drinking Water	50.	14	0	0.00	6	0	0.00	5	0	0.00	3	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	14	1	0.07	6	0	0.00	5	1	0.20	3	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	16	0	0.00	8	0	0.00	5	0	0.00	3	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	34	0	0.00	23	0	0.00	8	0	0.00	3	0	0.00			
		Drinking Water	2.	34	0	0.00	23	0	0.00	8	0	0.00	3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



CHICKAMAUGA DAM TAILRACE

Annual Analysis for 1961 - Station CHCH0409

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/61-09/04/96	10	16.5	16.2	21.	12.	11.511	3.393	12.	12.75	18.75	21.
00300p	OXYGEN, DISSOLVED MG/L	10/10/61-09/04/96	10	8.	8.2	9.3	7.3	0.387	0.622	7.33	7.75	8.7	9.24

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1962 - Station CHCH0409

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/61-09/04/96	32	12.5	15.891	27.5	5.	63.157	7.947	6.3	8.625	24.875	27.
00300p	OXYGEN, DISSOLVED MG/L	10/10/61-09/04/96	32	8.75	8.538	11.4	5.1	4.84	2.2	5.73	6.1	10.65	11.17

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1963 - Station CHCH0409

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/61-09/04/96	24	10.5	13.167	28.	3.	71.884	8.478	5.	5.	22.5	25.5
00300p	OXYGEN, DISSOLVED MG/L	10/10/61-09/04/96	27	9.6	9.019	12.2	5.1	4.898	2.213	5.6	7.1	10.9	11.32

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1964 - Station CHCH0409

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/61-09/04/96	51	18.	17.176	28.	5.	54.058	7.352	6.1	11.	25.	26.
00300p	OXYGEN, DISSOLVED MG/L	10/10/61-09/04/96	51	7.5	7.969	11.9	4.6	4.173	2.043	5.42	6.1	9.9	11.04

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1965 - Station CHCH0409

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/61-09/04/96	52	19.5	18.077	28.	6.	52.112	7.219	8.3	10.	25.	27.
00300p	OXYGEN, DISSOLVED MG/L	10/10/61-09/04/96	52	7.75	8.165	13.9	5.2	4.609	2.147	5.53	6.225	10.3	10.97

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1966 - Station CHCH0409

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/61-09/04/96	52	18.5	17.288	28.	3.	56.327	7.505	8.	10.	24.5	27.
00300p	OXYGEN, DISSOLVED MG/L	10/10/61-09/04/96	52	8.1	8.01	11.9	3.5	4.915	2.217	4.8	5.925	9.85	10.77

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1967 - Station CHCH0409

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/61-09/04/96	52	18.	16.596	25.	6.	40.716	6.381	7.3	11.	23.	24.
00300p	OXYGEN, DISSOLVED MG/L	10/10/61-09/04/96	52	8.25	8.337	11.4	5.2	3.383	1.839	6.	6.625	10.225	10.7

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1968 - Station CHCH0409

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/61-09/04/96	54	19.	17.2	28.	4.	57.488	7.582	6.25	9.75	24.5	26.75
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/17/68-09/04/96	11	30300.	32063.636	43000.	15500.	104990545.455	10246.489	15520.	27200.	42000.	43000.
00300p	OXYGEN, DISSOLVED MG/L	10/10/61-09/04/96	54	7.45	8.048	12.1	4.7	5.389	2.321	5.45	5.9	10.425	11.45

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1969 - Station CHCH0409

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/61-09/04/96	54	17.5	17.093	29.	5.	62.255	7.89	7.	9.	25.	27.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/17/68-09/04/96	53	34700.	34541.509	103000.	8900.	253848243.832	15932.616	19820.	27500.	37000.	43480.
00300p	OXYGEN, DISSOLVED MG/L	10/10/61-09/04/96	54	8.3	8.026	11.5	3.2	5.396	2.323	4.7	6.	10.1	10.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1970 - Station CHCH0409

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/61-09/04/96	52	18.75	17.433	27.	4.	58.196	7.629	7.	11.	25.	27.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/17/68-09/04/96	52	37000.	33382.692	46000.	4000.	87178322.021	9336.933	17900.	27625.	38750.	45000.
00300p	OXYGEN, DISSOLVED MG/L	10/10/61-09/04/96	52	7.85	8.035	12.9	4.9	5.316	2.306	5.29	5.8	9.975	11.51

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1971 - Station CHCH0409

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/61-09/04/96	53	18.	17.623	27.	6.5	47.211	6.871	8.	11.	24.75	26.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/17/68-09/04/96	53	40000.	37847.17	47000.	16000.	64279462.99	8017.447	26400.	32500.	44750.	46000.
00300p	OXYGEN, DISSOLVED MG/L	10/10/61-09/04/96	53	8.4	8.111	11.3	4.6	4.348	2.085	5.44	6.	10.05	10.76

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station CHCH0409

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/61-09/04/96	53	18.	17.368	27.	7.	44.655	6.682	8.7	10.5	24.25	26.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/17/68-09/04/96	53	39000.	42959.434	135000.	2000.	504803370.827	22467.83	27000.	32500.	46000.	63190.
00300p	OXYGEN, DISSOLVED MG/L	10/10/61-09/04/96	53	8.	8.408	11.8	5.3	3.721	1.929	5.9	6.7	10.05	10.9

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1973 - Station CHCH0409

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/61-09/04/96	62	17.5	17.685	27.5	6.	49.472	7.034	7.65	11.925	25.075	26.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/17/68-09/04/96	60	44550.	48745.	176600.	16500.	951460144.068	30845.748	23740.	32125.	48500.	84310.
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	01/23/73-08/23/77	11	35.	37.727	80.	20.	306.818	17.516	21.	25.	40.	76.
00300p	OXYGEN, DISSOLVED MG/L	10/10/61-09/04/96	62	8.15	8.305	12.1	5.5	3.797	1.948	5.9	6.575	10.075	11.1
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/23/73-06/19/80	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	01/23/73-02/15/79	11	62.	65.364	76.	56.	59.855	7.737	56.	58.	75.	76.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station CHCH0409

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/61-09/04/96	57	22.	19.137	26.4	7.8	37.028	6.085	8.98	13.05	23.9	25.3
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/17/68-09/04/96	56	39650.	47542.857	130000.	7900.	822993766.234	28687.868	25190.	30625.	45875.	99680.
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	01/23/73-08/23/77	103	20.	22.67	60.	10.	56.772	7.535	15.	20.	25.	30.
00300p	OXYGEN, DISSOLVED MG/L	10/10/61-09/04/96	42	7.75	8.333	11.5	4.8	4.372	2.091	5.83	6.275	10.55	11.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/23/73-06/19/80	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	01/23/73-02/15/79	103	64.	64.126	78.	51.	18.307	4.279	59.4	62.	67.	69.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station CHCH0409

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/61-09/04/96	46	17.5	17.396	36.	7.	57.168	7.561	7.7	10.5	24.75	27.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/17/68-09/04/96	43	33000.	37699.767	93700.	3200.	353775335.659	18808.916	16400.	28000.	43600.	70500.
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	01/23/73-08/23/77	12	35.5	39.75	85.	18.	358.023	18.921	19.5	27.	40.75	79.9
00300p	OXYGEN, DISSOLVED MG/L	10/10/61-09/04/96	46	7.85	8.017	11.6	5.4	2.877	1.696	5.8	6.4	9.45	10.23
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/23/73-06/19/80	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	01/23/73-02/15/79	12	62.	61.333	87.	36.	153.333	12.383	39.3	57.25	66.75	81.9

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station CHCH0409

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/61-09/04/96	46	16.	16.059	26.	5.	48.052	6.932	6.	10.	23.	26.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/17/68-09/04/96	44	31250.	32497.727	55900.	15000.	60441622.622	7774.421	23250.	27000.	37475.	42850.
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	01/23/73-08/23/77	12	15.	17.167	33.	5.	49.424	7.03	7.4	13.25	21.	30.6
00300p	OXYGEN, DISSOLVED MG/L	10/10/61-09/04/96	33	8.	8.6	11.8	3.8	4.284	2.07	6.34	6.9	10.9	11.5
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/23/73-06/19/80	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	01/23/73-02/15/79	12	58.	59.5	85.	44.	116.091	10.775	45.8	51.5	65.5	79.9

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station CHCH0409

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/61-09/04/96	51	17.	16.8	28.	3.	68.912	8.301	4.	8.	25.	27.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/17/68-09/04/96	51	37000.	38040.784	76000.	7000.	298233071.373	17269.426	15600.	27000.	42000.	69540.
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	01/23/73-08/23/77	7	25.	35.	70.	15.	548.	23.409	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station CHCH0409

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/23/73-06/19/80	8	0.	0.	0.	0.	0.	0.	**	**	**	**
46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	01/23/73-02/15/79	5	65.	65.8	71.	60.	18.7	4.324	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station CHCH0409

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/61-09/04/96	53	17.	16.925	28.	3.	75.879	8.711	5.	8.	26.5	27.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/17/68-09/04/96	52	34250.	35190.769	98000.	3000.	227213607.24	15073.606	15000.	28105.	41875.	51390.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/23/73-06/19/80	5	0.	0.	0.	0.	0.	0.	**	**	**	**
46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	01/23/73-02/15/79	4	62.	63.25	75.	54.	76.25	8.732	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station CHCH0409

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/61-09/04/96	54	16.5	16.343	27.	2.	53.715	7.329	5.5	10.	24.25	25.5
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/17/68-09/04/96	54	40000.	42025.926	95000.	26000.	180770258.56	13445.083	30500.	32000.	44625.	60950.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/23/73-06/19/80	6	0.	0.	0.	0.	0.	0.	**	**	**	**
46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	01/23/73-02/15/79	1	70.	70.	70.	70.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station CHCH0409

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/61-09/04/96	56	18.5	18.321	31.	5.	62.331	7.895	7.7	11.	25.	29.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/17/68-09/04/96	57	30500.	33466.667	118000.	1900.	317393690.476	17815.546	17940.	24750.	38200.	51800.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/23/73-06/19/80	4	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station CHCH0409

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/61-09/04/96	52	18.5	17.365	29.	4.	61.295	7.829	5.	9.25	23.75	27.7
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/17/68-09/04/96	52	27000.	26396.154	45000.	6000.	95972533.937	9796.557	9000.	19125.	32750.	37850.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station CHCH0409

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/61-09/04/96	61	23.	20.098	29.	5.	46.365	6.809	9.2	15.	26.	28.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/17/68-09/04/96	61	37000.	40040.984	87500.	7000.	401762125.683	20044.005	18000.	27050.	44000.	76480.
00300p	OXYGEN, DISSOLVED MG/L	10/10/61-09/04/96	11	5.8	6.673	14.3	5.4	6.578	2.565	5.42	5.6	6.5	12.76

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station CHCH0409

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/61-09/04/96	44	20.5	20.25	30.	6.	49.68	7.048	10.5	14.	27.	30.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/17/68-09/04/96	44	38000.	36968.182	91000.	9000.	221650126.85	14887.919	18500.	27000.	44000.	53100.
00300p	OXYGEN, DISSOLVED MG/L	10/10/61-09/04/96	1	11.1	11.1	11.1	11.1	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station CHCH0409

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/61-09/04/96	30	16.5	17.787	28.	9.	41.183	6.417	9.	11.75	23.475	27.35
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/17/68-09/04/96	31	40000.	40970.968	140000.	16000.	407355462.366	20183.049	26180.	33000.	44000.	45000.
00300p	OXYGEN, DISSOLVED MG/L	10/10/61-09/04/96	13	6.8	7.562	14.	5.8	4.703	2.169	5.88	6.25	8.05	12.04

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station CHCH0409

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/61-09/04/96	21	25.	22.919	29.	5.6	38.189	6.18	11.12	21.55	27.	28.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/17/68-09/04/96	23	31700.	27360.87	44000.	8700.	146274308.3	12094.392	9000.	17700.	38300.	42200.
00300p	OXYGEN, DISSOLVED MG/L	10/10/61-09/04/96	23	6.1	6.739	12.1	4.5	4.53	2.128	4.64	5.5	6.5	11.06

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station CHCH0409

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/61-09/04/96	28	24.4	22.271	30.3	3.3	48.66	6.976	9.5	21.625	27.25	27.93
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/17/68-09/04/96	27	12500.	15909.259	43100.	750.	103732314.815	10184.906	4860.	9100.	20000.	32300.
00300p	OXYGEN, DISSOLVED MG/L	10/10/61-09/04/96	27	6.	6.178	12.7	2.4	5.836	2.416	3.28	4.1	6.9	9.72

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station CHCH0409

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/61-09/04/96	29	24.	21.71	28.7	6.	39.964	6.322	9.5	18.25	26.4	27.2
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/17/68-09/04/96	22	34850.	34786.364	64700.	9000.	120656471.861	10984.374	19400.	30175.	42000.	43700.
00300p	OXYGEN, DISSOLVED MG/L	10/10/61-09/04/96	29	6.5	7.162	11.2	5.3	3.126	1.768	5.5	6.	8.25	10.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station CHCH0409

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/61-09/04/96	33	24.	21.755	28.6	6.	38.184	6.179	10.92	18.55	26.2	28.06
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/17/68-09/04/96	31	13600.	16761.29	40000.	8600.	71527784.946	8457.41	9000.	9200.	25000.	31180.
00300p	OXYGEN, DISSOLVED MG/L	10/10/61-09/04/96	34	6.75	6.832	11.7	3.3	5.165	2.273	3.6	5.45	8.225	10.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station CHCH0409

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/61-09/04/96	31	23.	21.016	27.9	2.3	37.965	6.162	10.5	17.5	25.4	27.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/17/68-09/04/96	31	43400.	49403.226	142700.	17000.	552906322.581	23513.96	23440.	41000.	54700.	76540.
00300p	OXYGEN, DISSOLVED MG/L	10/10/61-09/04/96	31	7.4	7.519	11.3	4.5	3.019	1.738	5.34	6.2	8.1	10.64

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station CHCH0409

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/61-09/04/96	11	26.5	26.255	28.	24.5	1.523	1.234	24.5	25.	27.3	27.9
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/17/68-09/04/96	11	38500.	36163.636	41000.	28500.	22164545.455	4707.924	28900.	31000.	40500.	40900.
00300p	OXYGEN, DISSOLVED MG/L	10/10/61-09/04/96	11	5.5	5.436	6.5	3.3	0.937	0.968	3.48	5.2	6.1	6.48

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station CHCH0409

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/61-09/04/96	22	26.25	25.268	28.5	13.5	12.708	3.565	19.05	24.825	27.125	28.44
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/17/68-09/04/96	22	37500.	37343.955	44500.	26900.	26923265.95	5188.763	28600.	33716.75	41625.	42850.
00300p	OXYGEN, DISSOLVED MG/L	10/10/61-09/04/96	22	5.6	5.873	10.2	3.9	1.687	1.299	4.93	5.075	6.05	7.65

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station CHCH0409

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/61-09/04/96	18	25.25	23.461	27.7	10.5	18.154	4.261	16.35	21.	25.975	26.89
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/17/68-09/04/96	18	35450.	31127.778	42000.	4000.	141140947.712	11880.276	6250.	25500.	40000.	41460.
00300p	OXYGEN, DISSOLVED MG/L	10/10/61-09/04/96	18	5.4	5.561	8.6	2.7	1.81	1.345	3.69	5.	5.925	7.88

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station CHCH0409

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/61-09/04/96	190	28.4	27.466	30.	8.5	8.061	2.839	25.3	26.7	28.7	29.79
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/17/68-09/04/96	51	37000.	31113.725	41700.	7800.	89076407.843	9438.03	17000.	25700.	37000.	37400.
00300p	OXYGEN, DISSOLVED MG/L	10/10/61-09/04/96	190	4.7	4.861	10.9	2.2	1.336	1.156	3.6	4.	5.5	6.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station CHCH0409

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/61-09/04/96	87	25.9	25.359	29.1	12.8	11.662	3.415	19.3	25.4	27.2	28.02
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/17/68-09/04/96	71	10333.	10718.085	14166.	8500.	1646674.136	1283.228	9866.	10000.	11000.	13100.
00300p	OXYGEN, DISSOLVED MG/L	10/10/61-09/04/96	87	5.7	6.091	10.9	5.	1.664	1.29	5.4	5.5	5.9	7.72

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station CHCH0409

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/61-09/04/96	41	26.	23.651	29.	10.	35.068	5.922	11.	21.	28.	28.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/17/68-09/04/96	41	9750.	9453.61	10600.	7150.	953529.994	976.489	8333.	8722.5	10200.	10580.
00300p	OXYGEN, DISSOLVED MG/L	10/10/61-09/04/96	41	5.9	6.339	11.	4.7	3.43	1.852	4.82	5.15	6.45	10.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

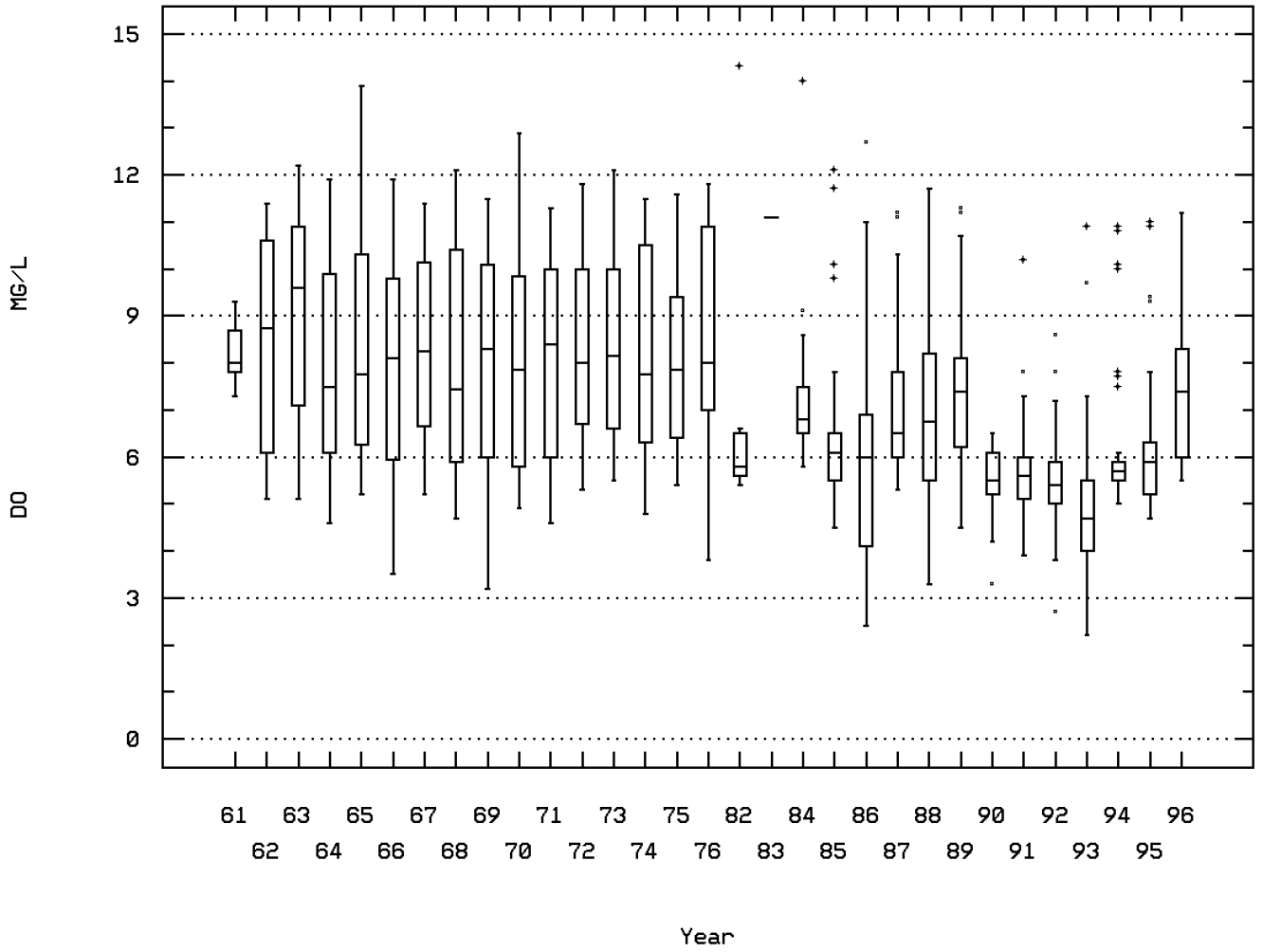
Annual Analysis for 1996 - Station CHCH0409

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/61-09/04/96	25	26.	21.92	28.	10.	46.41	6.812	10.	16.5	28.	28.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/17/68-09/04/96	25	10200.	9727.88	11000.	6000.	2026900.11	1423.692	6900.	9675.	10633.	11000.
00300p	OXYGEN, DISSOLVED MG/L	10/10/61-09/04/96	25	7.4	7.8	11.2	5.5	4.415	2.101	5.5	6.	9.65	11.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: CHCH0409 Parameter Code: 00300

OXYGEN, DISSOLVED



CHICKAMAUGA DAM TAILRACE

Seasonal Analysis for Season #1: 6/01 to 10/31 - Station CHCH0409

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/23/73-07/19/93	84	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/61-09/04/96	932	26.	25.573	36.	15.	7.992	2.827	21.5	24.	27.8	28.6
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/17/68-09/04/96	649	30000.	28093.834	155400.	750.	214697909.139	14652.573	9933.	14166.	38000.	42000.
00300p	OXYGEN, DISSOLVED MG/L	10/10/61-09/04/96	760	5.7	5.709	12.2	2.2	1.348	1.161	4.1	5.1	6.3	7.
00400	PH (STANDARD UNITS)	01/23/73-10/25/88	51	7.5	7.476	7.9	6.3	0.078	0.28	7.12	7.4	7.7	7.8
00400	CONVERTED PH (STANDARD UNITS)	01/23/73-10/25/88	51	7.5	7.338	7.9	6.3	0.098	0.313	7.12	7.4	7.7	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/23/73-10/25/88	51	0.032	0.046	0.501	0.013	0.005	0.07	0.016	0.02	0.04	0.076
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/23/73-06/19/80	11	52.	53.182	61.	46.	29.364	5.419	46.	49.	59.	60.8
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/23/73-06/19/80	28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/23/73-09/25/86	32	0.31	0.292	0.52	0.04	0.013	0.112	0.106	0.263	0.34	0.461
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/23/73-09/25/86	32	0.028	0.028	0.06	0.005	0.	0.013	0.013	0.02	0.039	0.05
01027	CADMIUM, TOTAL (UG/L AS CD)	01/23/73-06/19/80	57 ##	0.5	0.702	4.	0.5	0.454	0.674	0.5	0.5	0.5	1.
01042	COPPER, TOTAL (UG/L AS CU)	01/23/73-06/19/80	42 ##	5.	11.071	60.	5.	165.287	12.856	5.	5.	10.	37.
01092	ZINC, TOTAL (UG/L AS ZN)	01/23/73-06/19/80	42 ##	7.5	11.071	50.	5.	96.995	9.849	5.	5.	10.	20.
46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	01/23/73-02/15/79	69	66.	65.609	87.	44.	34.124	5.842	60.	64.	68.5	70.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 2/29 - Station CHCH0409

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/23/73-07/19/93	6	1.	1.667	5.	1.	2.667	1.633	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/61-09/04/96	392	9.	9.871	23.	2.	15.536	3.942	5.	7.	12.	16.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/17/68-09/04/96	284	42850.	45932.923	135000.	4000.	417993425.704	20444.888	28000.	33425.	47000.	74650.
00300p	OXYGEN, DISSOLVED MG/L	10/10/61-09/04/96	260	10.4	10.013	14.3	6.3	1.857	1.363	8.01	9.	11.	11.5
00400	PH (STANDARD UNITS)	01/23/73-10/25/88	7	6.9	6.986	7.4	6.7	0.075	0.273	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/23/73-10/25/88	7	6.9	6.92	7.4	6.7	0.08	0.282	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/23/73-10/25/88	7	0.126	0.12	0.2	0.04	0.004	0.064	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/23/73-06/19/80	6	48.5	46.833	53.	38.	26.967	5.193	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/23/73-06/19/80	24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/23/73-09/25/86	6	0.475	0.442	0.54	0.31	0.01	0.102	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/23/73-09/25/86	6	0.036	0.038	0.065	0.013	0.	0.018	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	01/23/73-06/19/80	57 ##	0.5	0.991	19.	0.5	6.165	2.483	0.5	0.5	0.5	1.
01042	COPPER, TOTAL (UG/L AS CU)	01/23/73-06/19/80	34 ##	5.	17.206	380.	5.	4113.926	64.14	5.	5.	10.	10.
01092	ZINC, TOTAL (UG/L AS ZN)	01/23/73-06/19/80	18	10.	28.611	220.	5.	2572.958	50.724	5.	10.	27.5	76.
46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	01/23/73-02/15/79	67	62.	62.09	78.	53.	24.628	4.963	54.	59.	65.	68.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 3/01 to 5/31 - Station CHCH0409

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/23/73-07/19/93	6	1.	1.	1.	1.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/61-09/04/96	363	16.	15.784	25.7	5.	20.788	4.559	10.	12.	19.5	21.68
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/17/68-09/04/96	267	31500.	33163.251	176600.	6000.	496095289.422	22273.197	9180.	18500.	39700.	53000.
00300p	OXYGEN, DISSOLVED MG/L	10/10/61-09/04/96	268	9.05	8.922	14.	3.7	2.403	1.55	6.89	7.8	10.1	10.9
00400	PH (STANDARD UNITS)	01/23/73-10/25/88	13	7.5	7.477	8.3	6.6	0.169	0.411	6.76	7.25	7.65	8.1
00400	CONVERTED PH (STANDARD UNITS)	01/23/73-10/25/88	13	7.5	7.28	8.3	6.6	0.21	0.459	6.76	7.25	7.65	8.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/23/73-10/25/88	13	0.032	0.052	0.251	0.005	0.004	0.065	0.009	0.023	0.06	0.191
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/23/73-06/19/80	5	47.	47.	50.	44.	6.5	2.55	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/23/73-06/19/80	17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/23/73-09/25/86	6	0.505	0.518	1.1	0.1	0.153	0.391	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/23/73-09/25/86	6	0.03	0.031	0.049	0.01	0.	0.017	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	01/23/73-06/19/80	6 ##	0.5	1.167	3.	0.5	1.167	1.08	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	01/23/73-06/19/80	4	30.	35.	70.	10.	633.333	25.166	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

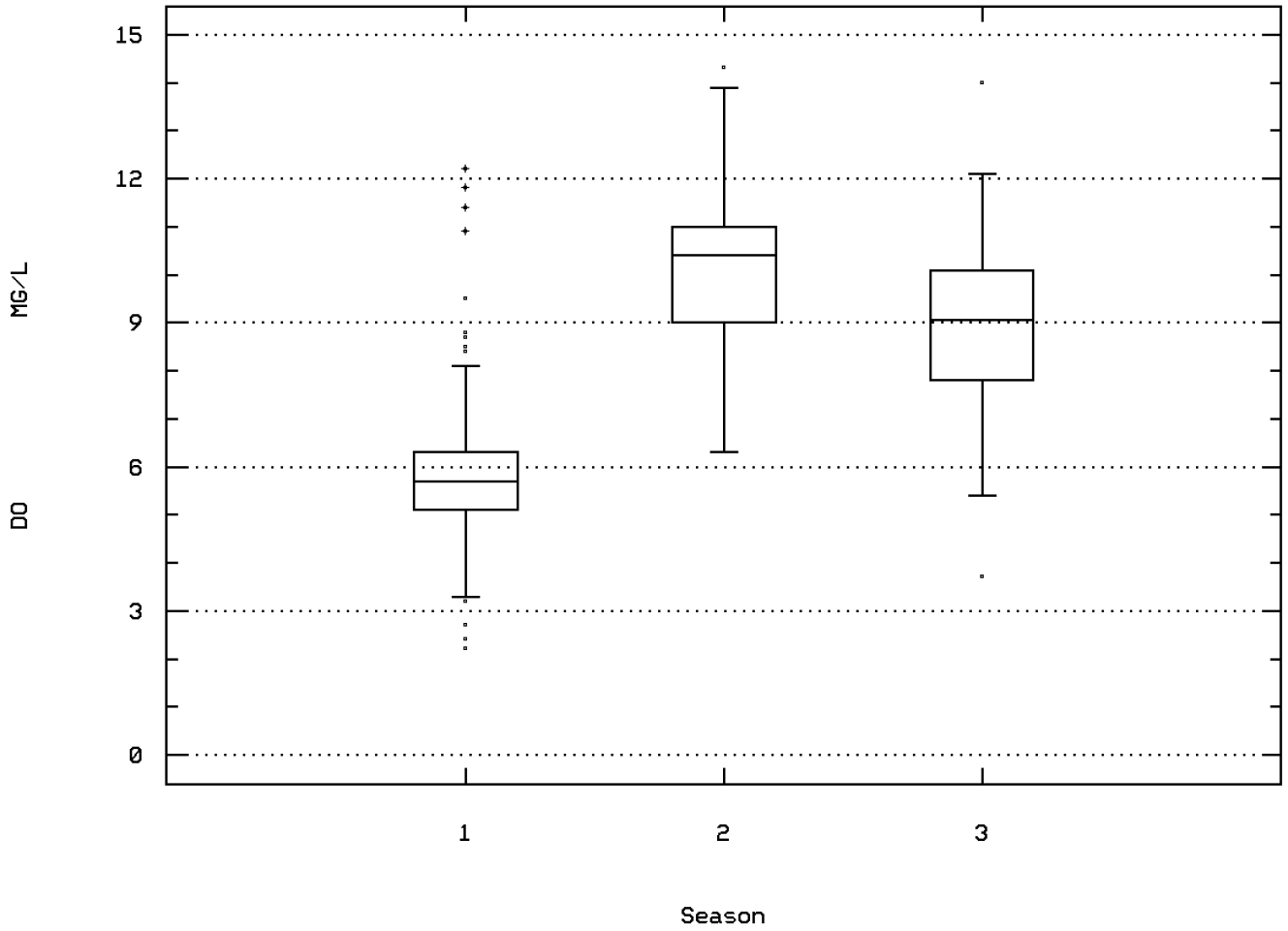
Seasonal Analysis for Season #3: 3/01 to 5/31 - Station CHCH0409

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01092	ZINC, TOTAL (UG/L AS ZN)	01/23/73-06/19/80	4	65.	63.75	120.	5.	2356.25	48.541	**	**	**	**
46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	01/23/73-02/15/79	12	63.	61.583	85.	36.	154.447	12.428	39.3	53.75	69.	80.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: CHCH0409 Parameter Code: 00300

OXYGEN, DISSOLVED



CHICKAMAUGA DAM TAILRACE

Station Inventory for Station: CHCH0410

NPS Station ID: CHCH0410
LAT/LON: 35.102782/ -85.229727
Agency: 131TVAC
Date Created: 10/19/90
Location: CHICKAMAUGA DAM TAILRACE
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475525X
RMI-Indexes: 1021500 007720 00920
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 471.02
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER 471.02
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 2.50
On/Off RF1:
RF3 Index: 06020001003304.82
RF3 Mile Point: 5.34
Distance from RF3: 0.01
On/Off RF3:
Description:
THE SAMPLES COLLECTED AT THIS STATION WERE SHIPPED TO THE ENVIRONMENTAL CHEMISTRY LABORATORY IN CHATTANOOGA IN PLASTIC SHIPPING CONTAINERS FOR ANALYSES. IT IS NOW DOCUMENTED THAT THE DISSOLVED OXYGEN CONCENTRATIONS MEASURED WERE TOO LOW DUE TO THE USE OF THE PLASTIC CONTAINERS. BECAUSE THE ERROR IS VARIABLE, AND THE INDIVIDUAL MEASUREMENTS CANNOT BE CORRECTED, THIS DATA THEREFORE WILL BE PERMANENTLY LOCKED TO PREVENT ANY MISINTERPRETATIONS.

Parameter Inventory for Station: CHCH0410

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

***** Data for this station locked by controlling agency *****

Station Inventory for Station: CHCH0411

NPS Station ID: CHCH0411 LAT/LON: 35.102782/ -85.229727 Agency: 131TVAC Date Created: 07/20/91
Location: CHICKAMAUGA MODERNIZATION PROGRAM - TAILRACE FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 477389
RMI-Indexes: 1021500 007720 00920 Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 471.02
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: TENNESSEE RIVER BASIN Elevation: 0 Water Body Id:
Minor Basin: TENNESSEE RIVER 471.02 ECO Region:
RF1 Index: 06020001 RF1 Mile Point: 0.000 Distance from RF1: 0.90 On/Off RF1:
RF3 Index: 06020001031100.00 RF3 Mile Point: 1.99 Distance from RF3: 0.05 On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0411

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/15/91-07/29/92	286	28.2	28.193	28.8	27.8	0.042	0.206	27.97	28.	28.3	28.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/28/92-07/29/92	134	174.	173.746	178.	170.	3.499	1.871	171.	172.	175.	176.
00300	OXYGEN, DISSOLVED MG/L	07/15/91-07/29/92	286	6.	6.049	7.4	5.2	0.254	0.504	5.4	5.6	6.4	6.73
00400	PH (STANDARD UNITS)	07/28/92-07/29/92	134	7.5	7.5	7.7	7.4	0.009	0.093	7.4	7.4	7.6	7.6
00400	CONVERTED PH (STANDARD UNITS)	07/28/92-07/29/92	134	7.5	7.491	7.7	7.4	0.009	0.093	7.4	7.4	7.6	7.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/28/92-07/29/92	134	0.032	0.032	0.04	0.02	0.	0.006	0.025	0.025	0.04	0.04

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0411

				Total	Exceed	Prop.	6/01-10/31			11/01-2/29			3/01-5/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	286	0	0.00	286	0	0.00									
00400	PH	Fresh Chronic	9.	134	0	0.00	134	0	0.00									
		Other-Lo Lim.	6.5	134	0	0.00	134	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0412

NPS Station ID: CHCH0412
LAT/LON: 35.102782/ -85.234170
Agency: 131TVAC
Date Created: 03/15/86
Location: BOAT LAUNCH SITE BELOW CHICKAMAUGA DAM
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 476702
RMI-Indexes: 1021500 007720 00920
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 470.70
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER 470.7
ECO Region:
RF1 Index: 06020001018
RF1 Mile Point: 2.220
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 06020001000600.90
RF3 Mile Point: 3.33
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0412

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/27/86-06/18/86	10	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/27/86-06/18/86	10	30.	27.5	50.	5.	218.056	14.767	5.5	17.5	35.	50.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/27/86-06/18/86	10	1.477	1.361	1.699	0.699	0.095	0.309	0.729	1.226	1.533	1.699
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			22.948								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0412

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	10	0	0.00	8	0	0.00				2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0413

NPS Station ID: CHCH0413
LAT/LON: 35.102782/ -85.245281
Agency: 131TVAC
Date Created: / /
Location: NICKAJACK RESERVOIR
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475750 /1005
RMI-Indexes: 1021500 007720 00920
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 469.90
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER 469.9
ECO Region:
RF1 Index: 06020001018
RF1 Mile Point: 1.480
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 06020001000206.82
RF3 Mile Point: 7.54
Distance from RF3: 0.06
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0413

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/23/73-12/04/73	40	5.	6.8	19.	1.	28.062	5.297	1.	1.	10.	13.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/23/73-12/04/73	40	17.35	17.258	26.3	6.9	43.85	6.622	7.2	13.5	23.25	25.8
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/23/73-12/04/73	24	10.	13.542	30.	7.	49.824	7.059	8.	10.	15.	30.
00080	COLOR (PLATINUM-COBALT UNITS)	01/23/73-12/04/73	24	10.	15.833	50.	5.	192.754	13.884	5.	10.	15.	50.
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	01/23/73-12/04/73	24	30.	40.625	100.	20.	646.332	25.423	22.5	25.	47.5	100.
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	01/23/73-12/04/73	24 ##	0.5	0.542	1.	0.5	0.02	0.141	0.5	0.5	0.5	0.75
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/23/73-12/04/73	24	140.	152.5	200.	130.	506.522	22.506	130.	140.	177.5	190.
00300	OXYGEN, DISSOLVED MG/L	01/23/73-12/04/73	35	8.4	8.454	13.	5.7	5.124	2.264	5.7	6.3	10.9	11.96
00310	BOD, 5 DAY, 20 DEG C MG/L	01/23/73-12/04/73	24 ##	0.5	0.904	3.1	0.5	0.531	0.729	0.5	0.5	1.175	2.15
00335	COD, .025N K2CR2O7 MG/L	01/23/73-12/04/73	24	6.	5.708	8.	2.	3.346	1.829	3.	4.	7.	8.
00400	PH (STANDARD UNITS)	01/23/73-12/04/73	24	7.3	7.267	8.	6.5	0.154	0.393	6.6	7.025	7.575	7.75
00400	CONVERTED PH (STANDARD UNITS)	01/23/73-12/04/73	24	7.3	7.086	8.	6.5	0.189	0.434	6.6	7.025	7.575	7.75
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/23/73-12/04/73	24	0.05	0.082	0.316	0.01	0.008	0.087	0.018	0.027	0.095	0.258
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/23/73-12/04/73	24	48.	47.917	56.	38.	34.862	5.904	38.5	43.	52.75	55.5
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/23/73-12/04/73	24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/23/73-10/23/73	19	90.	88.947	110.	70.	143.275	11.97	80.	80.	100.	110.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/23/73-12/04/73	24	12.	13.292	32.	6.	38.389	6.196	7.	9.	17.75	22.
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/23/73-12/04/73	24	0.14	0.224	2.	0.015	0.152	0.39	0.015	0.07	0.218	0.35
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/23/73-12/04/73	24	0.04	0.05	0.19	0.02	0.001	0.034	0.02	0.03	0.06	0.065
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/23/73-12/04/73	24	0.365	0.388	0.57	0.25	0.009	0.096	0.275	0.305	0.478	0.525
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/23/73-12/04/73	24	0.049	0.043	0.088	0.01	0.	0.022	0.012	0.027	0.054	0.075
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/23/73-12/04/73	24	0.02	0.021	0.062	0.005	0.	0.014	0.005	0.01	0.029	0.036
00722	CYANIDE, FREE (AMENABLE TO CHLORINATION) MG/L	01/23/73-12/04/73	24 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
00916	CALCIUM, TOTAL (MG/L AS CA)	01/23/73-12/04/73	24	18.	18.792	23.	14.	6.52	2.553	15.5	17.25	21.	22.5
00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/23/73-12/04/73	24	4.05	4.312	5.3	3.8	0.232	0.481	3.9	4.	4.675	5.15
00929	SODIUM, TOTAL (MG/L AS NA)	01/23/73-12/04/73	24	4.45	4.925	7.5	2.9	1.834	1.354	3.75	4.1	6.05	7.3
00937	POTASSIUM, TOTAL MG/L AS K)	01/23/73-12/04/73	24	1.7	1.763	2.2	1.4	0.041	0.202	1.5	1.625	1.8	2.1
00940	CHLORIDE,TOTAL IN WATER MG/L	01/23/73-12/04/73	24	6.	6.375	11.	4.	2.94	1.715	5.	5.	7.5	9.
00945	SULFATE, TOTAL (MG/L AS SO4)	01/23/73-12/04/73	24	12.	13.125	20.	10.	8.201	2.864	10.5	11.	15.75	18.
00951	FLUORIDE, TOTAL (MG/L AS F)	01/23/73-12/04/73	24	0.07	0.073	0.16	0.05	0.	0.021	0.06	0.06	0.08	0.085
00956	SILICA, TOTAL (MG/L AS SI02)	01/23/73-12/04/73	24	5.05	5.158	6.3	4.2	0.303	0.55	4.45	4.725	5.65	5.95
01002	ARSENIC, TOTAL (UG/L AS AS)	01/23/73-12/04/73	24 ##	2.5	2.604	5.	2.5	0.26	0.51	2.5	2.5	2.5	2.5
01007	BARIUM, TOTAL (UG/L AS BA)	01/23/73-12/04/73	24 ##	50.	50.	50.	50.	0.	0.	50.	50.	50.	50.
01012	BERYLLIUM, TOTAL (UG/L AS BE)	01/23/73-12/04/73	24 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01027	CADMIUM, TOTAL (UG/L AS CD)	01/23/73-12/04/73	24 ##	0.5	0.542	1.	0.5	0.02	0.141	0.5	0.5	0.5	0.75
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/23/73-12/04/73	24 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01042	COPPER, TOTAL (UG/L AS CU)	01/23/73-12/04/73	24	15.	17.917	60.	5.	223.732	14.958	5.	5.	30.	40.
01045	IRON, TOTAL (UG/L AS FE)	01/23/73-12/04/73	24	620.	716.25	1500.	360.	108972.283	330.11	445.	512.5	810.	1500.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0413

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01046	IRON, DISSOLVED (UG/L AS FE)	01/23/73-12/04/73	24	65.	67.292	140.	25.	1334.737	36.534	25.	25.	95.	120.
01047	IRON, FERROUS (UG/L AS FE)	01/23/73-12/04/73	23	80.	95.652	240.	10.	2543.874	50.437	24.	80.	120.	166.
01051	LEAD, TOTAL (UG/L AS PB)	01/23/73-12/04/73	24 ##	5.	6.583	20.	5.	16.08	4.01	5.	5.	5.	14.
01055	MANGANESE, TOTAL (UG/L AS MN)	01/23/73-12/04/73	24	80.	84.167	120.	60.	190.58	13.805	70.	80.	90.	105.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	01/23/73-12/04/73	24	40.	36.458	110.	5.	601.042	24.516	10.	20.	40.	70.
01067	NICKEL, TOTAL (UG/L AS NI)	01/23/73-12/04/73	24 ##	25.	33.958	130.	25.	667.346	25.833	25.	25.	25.	80.
01077	SILVER, TOTAL (UG/L AS AG)	01/23/73-12/04/73	24 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01092	ZINC, TOTAL (UG/L AS ZN)	01/23/73-12/04/73	24	30.	34.167	100.	10.	321.014	17.917	20.	20.	40.	50.
01105	ALUMINUM, TOTAL (UG/L AS AL)	01/23/73-12/04/73	24	1100.	1116.667	3000.	400.	325797.101	570.786	500.	725.	1300.	1900.
01147	SELENIUM, TOTAL (UG/L AS SE)	01/23/73-12/04/73	23 ##	0.5	0.913	4.	0.5	0.719	0.848	0.5	0.5	1.	2.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/23/73-12/04/73	14	15.	270.	2230.	5.	369484.615	607.852	5.	5.	265.	1515.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/23/73-12/04/73	14	1.151	1.518	3.348	0.699	0.82	0.906	0.699	0.699	2.407	3.126
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			32.934								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/23/73-12/04/73	14 ##	5.	11.429	70.	5.	328.571	18.127	5.	5.	5.	50.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/23/73-12/04/73	14 ##	0.699	0.836	1.845	0.699	0.127	0.357	0.699	0.699	0.699	1.661
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			6.861								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/23/73-12/04/73	24	3.5	5.917	30.	0.5	51.906	7.205	0.5	0.5	7.75	17.5
46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	01/23/73-12/04/73	24	61.5	64.542	79.	51.	66.52	8.156	55.	59.5	71.75	77.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/06/73-12/04/73	5	100.	94.	100.	80.	80.	8.944	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	01/23/73-12/04/73	24 ##	0.1	0.392	3.	0.1	0.399	0.632	0.1	0.1	0.475	1.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0413

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	24	0	0.00	10	0	0.00	10	0	0.00	4	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	35	0	0.00	15	0	0.00	12	0	0.00	8	0	0.00			
00400	PH	Fresh Chronic	9.	24	0	0.00	10	0	0.00	10	0	0.00	4	0	0.00			
		Other-Lo Lim.	6.5	24	2	0.08	10	2	0.20	10	0	0.00	4	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	24	0	0.00	10	0	0.00	10	0	0.00	4	0	0.00			
00722	CYANIDE, FREE (AMENABLE TO CHLORINATION)	Fresh Acute	0.022	24	0	0.00	10	0	0.00	10	0	0.00	4	0	0.00			
		Drinking Water	0.2	24	0	0.00	10	0	0.00	10	0	0.00	4	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	24	0	0.00	10	0	0.00	10	0	0.00	4	0	0.00			
		Drinking Water	250.	24	0	0.00	10	0	0.00	10	0	0.00	4	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	24	0	0.00	10	0	0.00	10	0	0.00	4	0	0.00			
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	24	0	0.00	10	0	0.00	10	0	0.00	4	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	24	0	0.00	10	0	0.00	10	0	0.00	4	0	0.00			
		Drinking Water	50.	24	0	0.00	10	0	0.00	10	0	0.00	4	0	0.00			
01007	BARIUM, TOTAL	Drinking Water	2000.	24	0	0.00	10	0	0.00	10	0	0.00	4	0	0.00			
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	24	0	0.00	10	0	0.00	10	0	0.00	4	0	0.00			
		Drinking Water	4.	0 &	0	0.00												
01027	CADMIUM, TOTAL	Fresh Acute	3.9	24	0	0.00	10	0	0.00	10	0	0.00	4	0	0.00			
		Drinking Water	5.	24	0	0.00	10	0	0.00	10	0	0.00	4	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	24	0	0.00	10	0	0.00	10	0	0.00	4	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	24	12	0.50	10	7	0.70	10	3	0.30	4	2	0.50			
		Drinking Water	1300.	24	0	0.00	10	0	0.00	10	0	0.00	4	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	24	0	0.00	10	0	0.00	10	0	0.00	4	0	0.00			
		Drinking Water	15.	24	2	0.08	10	1	0.10	10	1	0.10	4	0	0.00			
01067	NICKEL, TOTAL	Fresh Acute	1400.	24	0	0.00	10	0	0.00	10	0	0.00	4	0	0.00			
		Drinking Water	100.	24	1	0.04	10	1	0.10	10	0	0.00	4	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	100.	24	0	0.00	10	0	0.00	10	0	0.00	4	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	24	0	0.00	10	0	0.00	10	0	0.00	4	0	0.00			
		Drinking Water	5000.	24	0	0.00	10	0	0.00	10	0	0.00	4	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	23	0	0.00	10	0	0.00	10	0	0.00	3	0	0.00			
		Drinking Water	50.	23	0	0.00	10	0	0.00	10	0	0.00	3	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	14	1	0.07	6	0	0.00	6	0	0.00	2	1	0.50			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	14	0	0.00	6	0	0.00	6	0	0.00	2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0413

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
71900 MERCURY, TOTAL	Fresh Acute	2.4	24	1	0.04	10	0	0.00	10	1	0.10	4	0	0.00			
	Drinking Water	2.	24	1	0.04	10	0	0.00	10	1	0.10	4	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0414

NPS Station ID: CHCH0414 LAT/LON: 35.103059/ -85.228615 Agency: 131TVAC Date Created: 07/20/91
Location: CHICKAMAUGA MODERNIZATION PROGRAM FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 477387
RMI-Indexes: 1021500 007720 00920 Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 471.07
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: TENNESSEE RIVER BASIN Elevation: 0 Water Body Id:
Minor Basin: TENNESSEE RIVER 471.07 ECO Region:
RF1 Index: 06020001 RF1 Mile Point: 0.000 Distance from RF1: 1.20 On/Off RF1:
RF3 Index: 06020001026600.00 RF3 Mile Point: 0.17 Distance from RF3: 0.05 On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0414

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/15/91-07/29/92	841	26.	27.134	62.	1.	272.209	16.499	3.	13.	43.	49.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/15/91-07/29/92	841	28.2	28.224	30.3	25.9	0.282	0.531	27.5	28.05	28.4	28.88
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	07/15/91-07/17/91	32	682.3	682.244	682.4	682.1	0.016	0.127	682.1	682.1	682.375	682.4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/15/91-07/29/92	841	159.	133.483	169.	2.	3673.79	60.612	2.	158.	163.	166.
00300	OXYGEN, DISSOLVED MG/L	07/15/91-07/29/92	841	6.2	6.113	9.5	3.	1.902	1.379	4.	5.4	6.9	7.8
00400	PH (STANDARD UNITS)	07/15/91-07/29/92	841	7.5	7.592	8.5	7.	0.103	0.321	7.2	7.4	7.7	8.
00400	CONVERTED PH (STANDARD UNITS)	07/15/91-07/29/92	841	7.5	7.5	8.5	7.	0.112	0.335	7.2	7.4	7.7	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/15/91-07/29/92	841	0.032	0.032	0.1	0.003	0.	0.018	0.01	0.02	0.04	0.063

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0414

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	841	94	0.11	841	94	0.11									
00400	PH	Fresh Chronic	9.	841	0	0.00	841	0	0.00									
		Other-Lo Lim.	6.5	841	0	0.00	841	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0415

NPS Station ID: CHCH0415 LAT/LON: 35.103059/ -85.229448 Agency: 131TVAC Date Created: 07/20/91
Location: CHICKAMAUGA MODERNIZATION PROGRAM - DRAFT TUBES FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 477390
RMI-Indexes: 1021500 007720 00920 Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 471.04
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: TENNESSEE RIVER BASIN Elevation: 0 Water Body Id:
Minor Basin: TENNESSEE RIVER 471.04 ECO Region:
RF1 Index: 06020001 RF1 Mile Point: 0.000 Distance from RF1: 0.70 On/Off RF1:
RF3 Index: 06020001001800.00 RF3 Mile Point: 0.00 Distance from RF3: 0.01 On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0415

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/15/91-07/17/91	142	30.	29.886	30.5	28.9	0.153	0.392	29.23	29.7	30.1	30.3
00300	OXYGEN, DISSOLVED MG/L	07/15/91-07/17/91	142	5.5	5.563	7.2	4.1	0.475	0.689	4.7	5.	6.2	6.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0415

				Total	Exceed	Prop.	----------6/01-10/31----------			----------11/01-2/29----------			----------3/01-5/31----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	142	0	0.00	142	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0416

NPS Station ID: CHCH0416
LAT/LON: 35.103059/ -85.229727
Agency: 112WRD
Date Created: / /
Location: TENNESSEE RIVER AT CHICKAMAUGA DAM (TW), TENN
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 03566510
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 06020001019
RF1 Mile Point: 0.100
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 06020001003002.99
RF3 Mile Point: 4.17
Distance from RF3: 0.07
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0416

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/13/74-11/13/74	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/74-04/17/80	128	15.8	15.226	27.5	1.7	33.414	5.78	8.	10.	19.	23.55
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/01/74-03/04/80	124	32000.	35514.597	107400.	13350.	144313273.82	12013.046	26000.	29925.	40275.	44000.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/01/74-04/17/80	123	5.5	6.553	50.	1.6	32.07	5.663	3.34	4.3	6.7	9.76
00080	COLOR (PLATINUM-COBALT UNITS)	10/01/74-04/17/80	124	10.	10.863	29.	1.	17.323	4.162	5.	10.	12.75	15.
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	11/29/77-11/29/77	1	38.	38.	38.	38.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	10/10/74-10/10/74	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/21/74-04/17/80	44	150.	152.045	190.	110.	318.975	17.86	130.	140.	167.5	180.
00300	OXYGEN, DISSOLVED MG/L	10/07/74-04/17/80	58	8.25	8.707	13.2	5.5	3.326	1.824	6.39	7.4	9.825	11.42
00310	BOD, 5 DAY, 20 DEG C MG/L	11/13/74-04/17/80	28	1.4	1.45	3.	0.5	0.566	0.753	0.5	0.625	1.925	2.61
00335	COD, .025N K2CR2O7 MG/L	10/01/74-02/15/79	115	6.	6.13	23.	1.	10.062	3.172	3.	4.	7.	9.
00400	PH (STANDARD UNITS)	10/21/74-04/17/80	47	7.3	7.249	8.	6.1	0.161	0.401	6.68	7.	7.5	7.7
00400	CONVERTED PH (STANDARD UNITS)	10/21/74-04/17/80	47	7.3	7.012	8.	6.1	0.218	0.467	6.68	7.	7.5	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/21/74-04/17/80	47	0.05	0.097	0.794	0.01	0.025	0.158	0.02	0.032	0.1	0.21
00405	CARBON DIOXIDE (MG/L AS CO2)	10/19/76-08/23/77	10	5.	6.46	23.	1.	39.458	6.282	1.06	3.1	7.35	21.63
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/21/74-04/17/80	47	50.	49.851	74.	34.	42.738	6.537	41.8	46.	53.	58.
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	10/21/74-09/15/75	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00440	BICARBONATE ION (MG/L AS HCO3)	10/19/76-08/23/77	10	62.	60.6	72.	46.	51.822	7.199	46.8	55.5	65.25	71.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/01/74-04/17/80	120	4.	5.092	31.	0.5	16.122	4.015	2.	2.25	6.	9.9
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	10/01/74-04/17/80	122	0.12	0.137	0.51	0.02	0.007	0.081	0.07	0.09	0.15	0.247
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/01/74-04/17/80	123	0.06	0.067	0.32	0.02	0.001	0.037	0.034	0.05	0.08	0.1
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/01/74-04/17/80	122	0.355	0.406	3.6	0.11	0.11	0.331	0.253	0.31	0.41	0.507
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/24/79-03/04/80	5	0.06	0.048	0.06	0.03	0.	0.016	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/01/74-04/17/80	123	0.02	0.025	0.07	0.01	0.	0.01	0.02	0.02	0.03	0.04
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	11/13/74-02/08/77	10	0.02	0.017	0.03	0.005	0.	0.009	0.005	0.009	0.023	0.03
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/28/79-03/04/80	6	0.015	0.014	0.02	0.005	0.	0.007	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	11/13/74-04/17/80	25	2.5	2.516	4.2	1.4	0.476	0.69	1.78	2.	2.85	3.68
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/28/79-03/28/79	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/01/74-04/17/80	112	63.	62.259	87.	36.	42.662	6.532	54.	60.	66.	68.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/19/76-08/23/77	4	11.	13.5	24.	8.	51.667	7.188	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	10/01/74-02/15/79	113	18.	17.832	27.	10.	4.391	2.095	15.	17.	19.	20.
00927	MAGNESIUM, TOTAL (MG/L AS MG)	10/01/74-02/15/79	113	4.4	4.408	6.8	2.8	0.228	0.478	3.84	4.2	4.7	4.86
00929	SODIUM, TOTAL (MG/L AS NA)	10/01/74-02/15/79	113	7.2	6.795	16.	2.	2.306	1.519	4.78	6.7	7.4	7.6
00937	POTASSIUM, TOTAL MG/L AS K)	10/01/74-02/15/79	113	1.5	1.451	1.8	0.8	0.038	0.194	1.14	1.4	1.5	1.7
00940	CHLORIDE,TOTAL IN WATER MG/L	10/01/74-04/17/80	121	8.	7.653	11.	4.	1.879	1.371	6.	7.	8.	9.
00945	SULFATE, TOTAL (MG/L AS SO4)	10/01/74-04/17/80	121	15.	14.81	36.	6.	12.355	3.515	12.	13.	16.	17.
00951	FLUORIDE, TOTAL (MG/L AS F)	10/01/74-11/29/77	104 ##	0.05	0.053	0.17	0.05	0.	0.015	0.05	0.05	0.05	0.05
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/17/75-02/08/77	23	4.8	5.035	6.4	3.8	0.659	0.812	3.94	4.4	5.7	6.22

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0416

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01002	ARSENIC, TOTAL (UG/L AS AS)	11/13/74-02/08/77	10 ##	2.5	3.	8.	1.	4.278	2.068	1.	2.125	3.125	7.7
01007	BARIUM, TOTAL (UG/L AS BA)	11/13/74-11/29/77	13 ##	50.	50.	50.	50.	0.	0.	50.	50.	50.	50.
01012	BERYLLIUM, TOTAL (UG/L AS BE)	11/13/74-11/29/77	13 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01022	BORON, TOTAL (UG/L AS B)	02/05/75-02/08/77	9 ##	50.	46.667	180.	5.	3018.75	54.943	5.	7.5	55.	180.
01027	CADMIUM, TOTAL (UG/L AS CD)	10/01/74-04/17/80	102 ##	1.	1.392	11.	0.5	2.612	1.616	1.	1.	1.	1.7
01034	CHROMIUM, TOTAL (UG/L AS CR)	11/13/74-02/08/77	10 ##	2.5	2.75	5.	2.5	0.625	0.791	2.5	2.5	2.5	4.75
01042	COPPER, TOTAL (UG/L AS CU)	10/01/74-04/17/80	102 ##	10.	50.098	2300.	5.	53240.089	230.738	10.	10.	20.	40.
01045	IRON, TOTAL (UG/L AS FE)	10/01/74-02/15/79	116	400.	495.517	7800.	25.	503998.426	709.928	300.	360.	470.	596.
01046	IRON, DISSOLVED (UG/L AS FE)	11/13/74-03/04/80	25 ##	25.	62.8	600.	5.	13221.	114.983	25.	25.	65.	100.
01047	IRON, FERROUS (UG/L AS FE)	11/13/74-02/23/78	13	60.	56.231	130.	1.	1916.359	43.776	4.6	10.	90.	126.
01051	LEAD, TOTAL (UG/L AS PB)	10/01/74-04/17/80	102 ##	5.	6.52	52.	5.	33.599	5.796	5.	5.	5.	10.
01055	MANGANESE, TOTAL (UG/L AS MN)	10/01/74-02/15/79	116	60.	101.897	2300.	20.	82078.111	286.493	40.	50.	70.	90.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	11/13/74-03/04/80	25	20.	22.	110.	5.	556.25	23.585	5.	5.	30.	50.
01067	NICKEL, TOTAL (UG/L AS NI)	11/13/74-02/15/79	18 ##	25.	23.611	80.	5.	270.016	16.432	5.	20.	25.	30.5
01077	SILVER, TOTAL (UG/L AS AG)	11/13/74-11/29/77	13 ##	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01092	ZINC, TOTAL (UG/L AS ZN)	10/01/74-04/17/80	102	20.	30.588	320.	10.	1567.967	39.598	10.	10.	30.	67.
01105	ALUMINUM, TOTAL (UG/L AS AL)	10/01/74-02/15/79	94	700.	713.723	1600.	100.	105025.772	324.077	300.	500.	900.	1100.
01132	LITHIUM, TOTAL (UG/L AS LI)	02/05/75-11/29/77	12 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01147	SELENIUM, TOTAL (UG/L AS SE)	11/13/74-02/08/77	9 ##	1.	0.833	1.	0.5	0.063	0.25	0.5	0.5	1.	1.
01152	TITANIUM, TOTAL (UG/L AS TI)	02/05/75-11/29/77	12 ##	500.	500.	500.	500.	0.	0.	500.	500.	500.	500.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/13/74-02/15/79	13	10.	331.154	1700.	5.	378042.308	614.851	5.	5.	395.	1676.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/13/74-02/15/79	13	1.	1.588	3.23	0.699	1.003	1.001	0.699	0.699	2.549	3.224
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			38.702								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/13/74-04/17/80	19 ##	5.	16.579	180.	5.	1589.035	39.863	5.	5.	10.	20.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/13/74-04/17/80	19 ##	0.699	0.892	2.255	0.699	0.151	0.388	0.699	0.699	1.	1.301
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			7.794								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/01/74-04/17/80	119	90.	94.286	170.	30.	192.494	13.874	80.	90.	100.	100.
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/01/74-01/29/80	115	8370.	8915.304	21500.	2590.	9418660.214	3068.984	6320.	7410.	9720.	11900.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/01/74-04/17/80	119	0.12	0.129	0.23	0.04	0.	0.019	0.11	0.12	0.14	0.14
71900	MERCURY, TOTAL (UG/L AS HG)	10/01/74-04/17/80	101 ##	0.1	0.247	2.9	0.1	0.218	0.467	0.1	0.1	0.1	0.48

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0416

				Total	Exceed	Prop.	----------6/01-10/31----------			----------11/01-2/29----------			----------3/01-5/31----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	123	1	0.01	48	0	0.00	63	0	0.00	12	1	0.08			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	58	0	0.00	20	0	0.00	25	0	0.00	13	0	0.00			
00400	PH	Fresh Chronic	9.	47	0	0.00	17	0	0.00	18	0	0.00	12	0	0.00			
		Other-Lo Lim.	6.5	47	2	0.04	17	0	0.00	18	0	0.00	12	2	0.17			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	122	0	0.00	47	0	0.00	62	0	0.00	13	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	121	0	0.00	47	0	0.00	63	0	0.00	11	0	0.00			
		Drinking Water	250.	121	0	0.00	47	0	0.00	63	0	0.00	11	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	121	0	0.00	47	0	0.00	63	0	0.00	11	0	0.00			
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	104	0	0.00	43	0	0.00	55	0	0.00	6	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	10	0	0.00	2	0	0.00	6	0	0.00	2	0	0.00			
		Drinking Water	50.	10	0	0.00	2	0	0.00	6	0	0.00	2	0	0.00			
01007	BARIUM, TOTAL	Drinking Water	2000.	13	0	0.00	3	0	0.00	7	0	0.00	3	0	0.00			
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	13	0	0.00	3	0	0.00	7	0	0.00	3	0	0.00			
		Drinking Water	4.	0 &	0	0.00												
01027	CADMIUM, TOTAL	Fresh Acute	3.9	102	5	0.05	38	1	0.03	57	2	0.04	7	2	0.29			
		Drinking Water	5.	102	4	0.04	38	1	0.03	57	1	0.02	7	2	0.29			
01034	CHROMIUM, TOTAL	Drinking Water	100.	10	0	0.00	2	0	0.00	6	0	0.00	2	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	102	49	0.48	38	18	0.47	57	26	0.46	7	5	0.71			
		Drinking Water	1300.	102	1	0.01	38	0	0.00	57	1	0.02	7	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	102	0	0.00	38	0	0.00	57	0	0.00	7	0	0.00			
		Drinking Water	15.	102	7	0.07	38	5	0.13	57	2	0.04	7	0	0.00			
01067	NICKEL, TOTAL	Fresh Acute	1400.	18	0	0.00	5	0	0.00	10	0	0.00	3	0	0.00			
		Drinking Water	100.	18	0	0.00	5	0	0.00	10	0	0.00	3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0416

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01077	SILVER, TOTAL	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	100.	13	0	0.00	3	0	0.00	7	0	0.00	3	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	102	4	0.04	38	1	0.03	57	2	0.04	7	1	0.14			
		Drinking Water	5000.	102	0	0.00	38	0	0.00	57	0	0.00	7	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	9	0	0.00	2	0	0.00	5	0	0.00	2	0	0.00			
		Drinking Water	50.	9	0	0.00	2	0	0.00	5	0	0.00	2	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	13	2	0.15	3	1	0.33	8	0	0.00	2	1	0.50			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	19	0	0.00	5	0	0.00	10	0	0.00	4	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	101	1	0.01	38	0	0.00	56	1	0.02	7	0	0.00			
		Drinking Water	2.	101	3	0.03	38	0	0.00	56	3	0.05	7	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1974 - Station CHCH0416

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/74-04/17/80	81	16.	15.067	22.	8.	18.273	4.275	8.	11.5	19.	20.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/01/74-03/04/80	81	31300.	31949.383	58300.	13350.	51236093.364	7157.939	24440.	29000.	35200.	41980.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station CHCH0416

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/74-04/17/80	11	17.2	16.	26.	7.	49.248	7.018	7.2	9.	23.	25.6
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/01/74-03/04/80	11	36000.	43890.909	107400.	26000.	522762909.091	22864.009	26000.	32000.	43100.	97420.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station CHCH0416

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/74-04/17/80	13	18.	16.946	26.	5.	58.413	7.643	5.52	9.5	24.25	25.6
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/01/74-03/04/80	11	32000.	35500.	44000.	29000.	32922000.	5737.77	29200.	31000.	42000.	43900.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station CHCH0416

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/74-04/17/80	9	10.	13.022	27.5	1.7	85.117	9.226	1.7	6.	23.	27.5
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/01/74-03/04/80	9	40000.	44190.	80400.	26000.	305636150.	17482.453	26000.	31800.	53105.	80400.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station CHCH0416

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/74-04/17/80	5	22.	18.9	26.	5.3	75.19	8.671	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/01/74-03/04/80	4	38100.	36675.	40500.	30000.	24309166.667	4930.433	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station CHCH0416

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/74-04/17/80	6	15.5	15.583	24.	5.	57.842	7.605	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/01/74-03/04/80	6	42650.	49450.	79500.	35700.	262723000.	16208.732	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station CHCH0416

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/74-04/17/80	3	8.	9.	14.	5.	21.	4.583	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/01/74-03/04/80	2	50750.	50750.	59400.	42100.	149645000.	12232.947	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: CHCH0417

NPS Station ID: CHCH0417
LAT/LON: 35.103337/ -85.243615
Agency: 21TNWQ
Date Created: / /
Location: TENN-AM WATER CO. DATA 470.0 M
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): TN102M
RMI-Indexes: 1021500 007720 00920
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 470.00
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001018
RF1 Mile Point: 1.730
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 06020001001800.00
RF3 Mile Point: 0.00
Distance from RF3: 0.04
On/Off RF3:
Description:
TENNESSEE RIVER MILE 470.0 STATION LOCATED BELOW CHICKAMAUGA DAM SAMPLES COLLECTED 50 PERCENT OF STREAM WIDTH FROM LEFT BANK
SAMPLES COLLECTED BY TENNESSEE AMERICAN WATER COMPANY IN CHATTANOOGA

Parameter Inventory for Station: CHCH0417

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/02/74-09/26/74	36	11.5	11.5	20.	3.	74.314	8.621	3.	3.	20.	20.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	08/01/74-09/26/74	28	78.25	77.464	80.	70.	9.054	3.009	73.6	76.	80.	80.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/02/74-09/26/74	36	6.8	12.508	102.	3.1	390.515	19.761	3.67	4.575	13.	17.9
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/02/74-09/26/74	36	170.	173.333	190.	160.	56.	7.483	164.4	170.	178.5	187.2
00300	OXYGEN, DISSOLVED MG/L	08/01/74-09/26/74	26	6.15	6.185	7.	5.7	0.094	0.307	5.8	6.	6.4	6.59
00310	BOD, 5 DAY, 20 DEG C MG/L	08/01/74-09/26/74	26 ##	0.5	0.819	1.4	0.5	0.133	0.364	0.5	0.5	1.2	1.33
00403	PH, LAB, STANDARD UNITS SU	07/02/74-09/26/74	36	7.7	7.639	7.9	7.	0.038	0.195	7.3	7.6	7.7	7.8
00403	CONVERTED PH, LAB, STANDARD UNITS	07/02/74-09/26/74	36	7.7	7.585	7.9	7.	0.041	0.202	7.3	7.6	7.7	7.8
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/02/74-09/26/74	36	0.02	0.026	0.1	0.013	0.	0.017	0.016	0.02	0.025	0.05
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/02/74-09/26/74	36	55.	55.306	61.	50.	5.018	2.24	53.	54.	56.	57.3
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/02/74-09/26/74	36 ##	0.5	0.528	1.	0.5	0.013	0.116	0.5	0.5	0.5	0.5
00690	CARBON, TOTAL (MG/L AS C)	08/01/74-09/26/74	26	1.7	1.677	2.7	1.1	0.15	0.387	1.1	1.375	1.825	2.2
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/02/74-09/26/74	36	65.	65.417	76.	60.	17.45	4.177	60.	62.25	70.	71.
00910	CALCIUM (MG/L AS CACO3)	07/02/74-09/26/74	36	20.4	20.35	22.	18.4	1.178	1.085	18.4	19.7	21.15	21.72
00920	MAGNESIUM (MG/L AS CACO3)	07/02/74-09/26/74	36	3.4	3.478	4.6	1.7	0.438	0.662	2.7	3.1	3.9	4.4
00929	SODIUM, TOTAL (MG/L AS NA)	07/02/74-09/26/74	30	5.	5.367	7.	4.	0.878	0.937	4.	5.	6.	6.5
00940	CHLORIDE,TOTAL IN WATER MG/L	07/02/74-09/26/74	36	7.	7.306	10.	5.	2.218	1.489	5.	6.	9.	9.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/02/74-09/23/74	32	0.1	0.092	0.16	0.05	0.001	0.037	0.05	0.05	0.118	0.147
01027	CADMIUM, TOTAL (UG/L AS CD)	07/02/74-09/26/74	36 ##	0.003	0.003	0.003	0.003	0.	0.	0.003	0.003	0.003	0.003
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/02/74-09/26/74	36 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
01042	COPPER, TOTAL (UG/L AS CU)	07/02/74-09/26/74	36 ##	0.005	0.008	0.02	0.005	0.	0.003	0.005	0.005	0.01	0.01
01045	IRON, TOTAL (UG/L AS FE)	07/02/74-09/26/74	36	0.1	0.133	0.3	0.08	0.005	0.069	0.08	0.08	0.2	0.23
01051	LEAD, TOTAL (UG/L AS PB)	07/02/74-09/26/74	36 ##	0.02	0.021	0.04	0.02	0.	0.005	0.02	0.02	0.02	0.02
01055	MANGANESE, TOTAL (UG/L AS MN)	07/02/74-09/26/74	36	0.03	0.037	0.1	0.005	0.	0.022	0.02	0.02	0.04	0.076
01092	ZINC, TOTAL (UG/L AS ZN)	07/02/74-09/26/74	36	0.01	0.014	0.03	0.005	0.	0.008	0.005	0.01	0.02	0.023
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/02/74-09/26/74	34	200.	629.412	3400.	25.	789222.371	888.382	50.	100.	825.	2100.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/02/74-09/26/74	34	2.301	2.423	3.531	1.398	0.354	0.595	1.699	2.	2.916	3.318
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			264.56								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/02/74-09/26/74	34 ##	5.	4.559	20.	2.5	10.027	3.167	2.5	2.5	5.	5.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/02/74-09/26/74	34 ##	0.699	0.602	1.301	0.398	0.042	0.206	0.398	0.398	0.699	0.699
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.996								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/02/74-09/26/74	34 ##	5.	4.559	20.	2.5	10.027	3.167	2.5	2.5	5.	5.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/02/74-09/26/74	34 ##	0.699	0.602	1.301	0.398	0.042	0.206	0.398	0.398	0.699	0.699

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0417

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.996								
72033	FLOW, AVERAGE DAILY SPILLWAY DISCHARGE CFS	07/02/74-09/26/74	36	31050.	28427.778	42000.	0.	118908349.206	10904.51	0.	27800.	33600.	37900.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0417

				Total	Exceed	Prop.	----------6/01-10/31----------			----------11/01-2/29----------			----------3/01-5/31----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	36	2	0.06	36	2	0.06									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	26	0	0.00	26	0	0.00									
00403	PH, LAB	Fresh Chronic	9.	36	0	0.00	36	0	0.00									
		Other-Lo Lim.	6.5	36	0	0.00	36	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	36	0	0.00	36	0	0.00									
		Drinking Water	250.	36	0	0.00	36	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	32	0	0.00	32	0	0.00									
01027	CADMIUM, TOTAL	Fresh Acute	3.9	36	0	0.00	36	0	0.00									
		Drinking Water	5.	36	0	0.00	36	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	36	0	0.00	36	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	36	0	0.00	36	0	0.00									
		Drinking Water	1300.	36	0	0.00	36	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	36	0	0.00	36	0	0.00									
		Drinking Water	15.	36	0	0.00	36	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	36	0	0.00	36	0	0.00									
		Drinking Water	5000.	36	0	0.00	36	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	34	7	0.21	34	7	0.21									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	34	0	0.00	34	0	0.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	34	0	0.00	34	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0418

NPS Station ID: CHCH0418
LAT/LON: 35.103337/ -85.243892
Agency: 21TNWQ
Date Created: / /
Location: CHICKAMAUGA DAM TAILWATER
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 003230 /333230 /233230
RMI-Indexes: 1021500 007720 00920
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 470.20
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER 470.2
ECO Region:
RF1 Index: 06020001018
RF1 Mile Point: 1.730
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 06020001030300.00
RF3 Mile Point: 0.00
Distance from RF3: 0.06
On/Off RF3:
Description:
TENNESSEE RIVER MILE 470.2 AT CHICKAMAUGA DAM TAILWATER

Parameter Inventory for Station: CHCH0418

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/23/64-09/29/77	8	9.	6.625	12.	0.	25.696	5.069	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/23/64-06/03/75	35	19.	18.943	27.	8.	39.305	6.269	10.	13.5	25.	26.
00060	FLOW, STREAM, MEAN DAILY CFS	02/13/74-06/03/75	14	37050.	46442.857	87400.	30000.	408259560.44	20205.434	30950.	34275.	51825.	86000.
00064	DEPTH OF STREAM, MEAN (FT)	06/23/64-07/14/64	5	20.	20.6	25.	16.	12.3	3.507	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/23/64-06/03/75	35	8.5	10.974	32.	2.	42.788	6.541	5.6	7.	13.	21.2
00080	COLOR (PLATINUM-COBALT UNITS)	08/01/72-06/03/75	30	21.	25.4	60.	11.	184.386	13.579	14.	16.5	29.25	53.5
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	06/23/64-06/03/75	35	62.	72.771	166.	38.	1088.476	32.992	44.8	54.	78.	131.2
00300	OXYGEN, DISSOLVED MG/L	06/23/64-06/03/75	35	8.2	8.123	11.2	5.2	3.297	1.816	5.72	6.4	10.	10.56
00310	BOD, 5 DAY, 20 DEG C MG/L	06/23/64-06/03/75	35	0.8	0.826	2.	0.3	0.12	0.346	0.4	0.6	1.	1.34
00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	09/10/75-09/10/75	1	49270.	49270.	49270.	49270.	0.	0.	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	07/09/74-06/03/75	11	6.	8.286	40.	0.15	120.122	10.96	0.52	2.5	9.	34.
00400	PH (STANDARD UNITS)	08/01/72-06/03/75	29	7.5	7.428	7.7	7.	0.021	0.144	7.2	7.4	7.5	7.5
00400	CONVERTED PH (STANDARD UNITS)	08/01/72-06/03/75	29	7.5	7.401	7.7	7.	0.021	0.146	7.2	7.4	7.5	7.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/01/72-06/03/75	29	0.032	0.04	0.1	0.02	0.	0.017	0.032	0.032	0.04	0.063
00403	PH, LAB, STANDARD UNITS SU	06/23/64-08/07/73	6	7.05	7.1	7.7	6.7	0.116	0.341	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/23/64-08/07/73	6	7.047	7.009	7.7	6.7	0.126	0.355	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/23/64-08/07/73	6	0.09	0.098	0.2	0.02	0.004	0.061	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/01/72-06/03/75	30	50.5	51.8	64.	44.	28.441	5.333	45.1	48.	56.	59.7
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/01/72-06/03/75	28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00437	ACIDITY, CO2 (PHENOLPHTHALEIN) (MG/L AS CACO3)	08/01/72-06/03/75	30	3.	2.9	5.	2.	0.99	0.995	2.	2.	3.25	4.9
00500	RESIDUE, TOTAL (MG/L)	08/01/72-06/03/75	30	103.	104.1	131.	82.	134.576	11.601	90.1	96.75	110.75	120.6
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	08/01/72-06/03/75	30	96.5	96.933	124.	80.	132.616	11.516	82.1	87.75	103.5	114.3
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/01/72-06/03/75	30	7.	7.167	16.	1.	13.454	3.668	2.	5.	9.	12.
00572	BIOMASS, PERIPHYTON (GRAMS PER SQUARE METER)	09/30/76-09/29/77	2	6.175	6.175	6.5	5.85	0.211	0.46	**	**	**	**
00573	BIOMASS, PERIPHYTON,DRY WEIGHT TOTAL (G/M2)	09/30/76-09/29/77	2	12.63	12.63	14.87	10.39	10.035	3.168	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/01/72-08/01/72	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/01/72-03/12/73	5	0.19	0.18	0.23	0.09	0.003	0.056	**	**	**	**
00621	NITRATE NITROGEN, BOTTOM DEPOS. (MG/KG-N DRY WGT)	09/10/75-09/10/75	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	09/10/75-09/10/75	1	1295.	1295.	1295.	1295.	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/07/73-06/03/75	22	0.375	0.38	0.71	0.01	0.019	0.138	0.256	0.288	0.468	0.534
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	03/12/73-06/03/75	22	0.45	0.545	1.6	0.1	0.115	0.339	0.2	0.3	0.8	0.94
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/01/72-06/03/75	27	0.09	0.085	0.21	0.003	0.004	0.06	0.01	0.03	0.14	0.16
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	09/10/75-09/10/75	1	573.	573.	573.	573.	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/01/72-02/11/75	6 ##	1.85	1.75	3.8	0.	1.891	1.375	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/01/72-06/03/75	30	61.5	61.033	70.	50.	30.792	5.549	53.1	56.75	66.	68.
00910	CALCIUM (MG/L AS CACO3)	08/01/72-06/03/75	30	45.	44.667	53.	33.	27.609	5.254	36.3	41.	48.5	51.9

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0418

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00920	MAGNESIUM (MG/L AS CACO3)	08/01/72-06/03/75	30	16.	16.367	28.	12.	9.413	3.068	13.1	14.	18.	19.
00929	SODIUM, TOTAL (MG/L AS NA)	08/01/72-06/03/75	30	4.55	4.84	8.2	2.1	2.62	1.619	2.91	3.4	6.525	7.08
00934	SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	09/10/75-09/10/75	1	80.	80.	80.	80.	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	08/01/72-06/03/75	30	1.3	1.393	2.4	0.9	0.109	0.33	1.	1.1	1.6	1.79
00938	POTASSIUM IN BOTTOM DEPOSITS (MG/KG AS K DRY WGT)	09/10/75-09/10/75	1	448.	448.	448.	448.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/01/72-06/03/75	28	6.5	6.857	10.	4.	2.942	1.715	4.9	5.25	8.	9.
00945	SULFATE, TOTAL (MG/L AS SO4)	08/01/72-06/03/75	28	10.	12.536	27.	6.	33.813	5.815	7.	8.25	14.5	23.3
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/01/72-06/03/75	28	0.09	0.073	0.1	0.025	0.001	0.031	0.025	0.05	0.1	0.1
01002	ARSENIC, TOTAL (UG/L AS AS)	08/01/72-02/11/75	6 ##	10.	7.	10.	1.	21.6	4.648	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	09/10/75-09/10/75	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	08/01/72-02/11/75	6	27.5	93.833	430.	13.	27198.167	164.919	**	**	**	**
01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	09/10/75-09/10/75	1	50.	50.	50.	50.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	08/01/72-02/11/75	6 ##	0.5	0.917	2.5	0.5	0.642	0.801	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/10/75-09/10/75	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/10/75-09/10/75	1	9.	9.	9.	9.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/01/72-09/09/74	5 ##	1.	1.3	2.5	0.5	0.825	0.908	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/01/72-02/11/75	6	4.5	8.917	27.	2.5	91.242	9.552	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/10/75-09/10/75	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	08/01/72-06/03/75	30	500.	748.667	2100.	360.	198522.299	445.558	400.	500.	925.	1445.
01051	LEAD, TOTAL (UG/L AS PB)	08/01/72-02/11/75	6 ##	2.5	3.667	7.	2.5	3.667	1.915	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/10/75-09/10/75	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	09/10/75-09/10/75	1	1013.	1013.	1013.	1013.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	08/01/72-06/03/75	30	65.	65.333	100.	30.	458.782	21.419	31.	50.	80.	100.
01067	NICKEL, TOTAL (UG/L AS NI)	08/01/72-02/11/75	6 ##	2.5	4.75	10.	1.	16.875	4.108	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/10/75-09/10/75	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/01/72-02/11/75	6	18.5	19.	30.	10.	53.6	7.321	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	09/10/75-09/10/75	1	118.	118.	118.	118.	0.	0.	**	**	**	**
01097	ANTIMONY, TOTAL (UG/L AS SB)	03/12/73-02/11/75	5 ##	15.	16.	25.	10.	30.	5.477	**	**	**	**
01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	09/10/75-09/10/75	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	09/10/75-09/10/75	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	09/10/75-09/10/75	1	7766.	7766.	7766.	7766.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/05/72-06/03/75	29	510.	1239.448	5000.	20.	2419423.899	1555.45	105.	183.5	1730.	4600.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/05/72-06/03/75	29	2.708	2.729	3.699	1.301	0.394	0.627	2.021	2.262	3.224	3.663
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			535.426								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/05/72-06/03/75	28	6.	23.559	163.	0.15	1494.449	38.658	0.5	1.5	22.25	97.2
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/05/72-06/03/75	28	0.772	0.805	2.212	-0.824	0.65	0.806	-0.301	0.176	1.347	1.987
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			6.377								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	05/01/73-06/03/75	25	13.	34.56	200.	1.	2226.34	47.184	1.6	3.5	48.5	108.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	05/01/73-06/03/75	25	1.114	1.121	2.301	0.	0.459	0.677	0.181	0.54	1.685	2.032
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			13.203								
32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	09/29/77-09/29/77	1	190.6	190.6	190.6	190.6	0.	0.	**	**	**	**
32224	PHEOPHYTIN A MG/M2 SPECTROPHOTOMETRIC ACID METH	09/30/76-09/29/77	2	42.59	42.59	54.57	30.61	287.041	16.942	**	**	**	**
32226	CHLOROPHYLL B, PERIPHYTON, SPECTRO, MG/M2	09/29/77-09/29/77	1	64.4	64.4	64.4	64.4	0.	0.	**	**	**	**
32227	CHLOROPHYLL C, PERIPHYTON SPECTO, MG/M2	09/29/77-09/29/77	1	49.46	49.46	49.46	49.46	0.	0.	**	**	**	**
32228	CHLOROPHYLL A, PERIPHYTON, SPECTRO, MG/M2	09/30/76-09/29/77	2	135.11	135.11	174.52	95.7	3106.296	55.734	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	03/12/73-02/11/75	5 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/10/75-09/10/75	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0418

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	35	0	0.00	17	0	0.00	10	0	0.00	8	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	35	0	0.00	17	0	0.00	10	0	0.00	8	0	0.00			
00400	PH	Fresh Chronic	9.	29	0	0.00	11	0	0.00	10	0	0.00	8	0	0.00			
		Other-Lo Lim.	6.5	29	0	0.00	11	0	0.00	10	0	0.00	8	0	0.00			
00403	PH, LAB	Fresh Chronic	9.	6	0	0.00	6	0	0.00									
		Other-Lo Lim.	6.5	6	0	0.00	6	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0418

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	5	0	0.00	3	0	0.00	1	0	0.00	1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	22	0	0.00	9	0	0.00	8	0	0.00	5	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	28	0	0.00	12	0	0.00	9	0	0.00	7	0	0.00			
		Drinking Water	250.	28	0	0.00	12	0	0.00	9	0	0.00	7	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	28	0	0.00	12	0	0.00	9	0	0.00	7	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	28	0	0.00	12	0	0.00	9	0	0.00	7	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	6	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00			
		Drinking Water	50.	6	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00			
01007	BARIUM, TOTAL	Drinking Water	2000.	6	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	6	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00			
		Drinking Water	5.	6	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	5	0	0.00	3	0	0.00				2	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	6	1	0.17	3	1	0.33	1	0	0.00	2	0	0.00			
		Drinking Water	1300.	6	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	6	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00			
		Drinking Water	15.	6	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00			
01067	NICKEL, TOTAL	Fresh Acute	1400.	6	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00			
		Drinking Water	100.	6	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	6	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00			
		Drinking Water	5000.	6	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00			
01097	ANTIMONY, TOTAL	Fresh Acute	88.	5	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00			
		Drinking Water	6.	0 &	0	0.00												
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	28 &	10	0.36	12	8	0.67	9	1	0.11	7	1	0.14			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	28	0	0.00	12	0	0.00	8	0	0.00	8	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	5	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00			
		Drinking Water	2.	5	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 6/01 to 10/31 - Station CHCH0418

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/23/64-06/03/75	17	25.	24.5	27.	19.	4.625	2.151	20.6	23.5	26.	26.6
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/23/64-06/03/75	17	8.	8.912	18.	2.	15.195	3.898	5.2	6.5	10.5	16.4
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	06/23/64-06/03/75	17	58.	61.706	111.	38.	262.596	16.205	44.4	56.	63.	91.
00300	OXYGEN, DISSOLVED MG/L	06/23/64-06/03/75	17	6.4	6.559	8.8	5.2	0.886	0.941	5.28	5.9	7.3	7.92
00310	BOD, 5 DAY, 20 DEG C MG/L	06/23/64-06/03/75	17	0.9	0.9	1.5	0.3	0.098	0.312	0.54	0.65	1.05	1.42

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 2/29 - Station CHCH0418

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/23/64-06/03/75	10	12.	12.8	19.	8.	14.844	3.853	8.1	9.75	16.5	18.9
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/23/64-06/03/75	10	9.5	11.66	26.	5.	45.023	6.71	5.	6.5	17.	25.1
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	06/23/64-06/03/75	10	68.5	77.8	157.	42.	1315.956	36.276	42.4	49.75	102.75	152.7
00300	OXYGEN, DISSOLVED MG/L	06/23/64-06/03/75	10	10.05	9.53	10.9	8.	1.156	1.075	8.02	8.425	10.325	10.85
00310	BOD, 5 DAY, 20 DEG C MG/L	06/23/64-06/03/75	10	0.65	0.82	2.	0.4	0.22	0.469	0.41	0.575	0.9	1.92

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 3/01 to 5/31 - Station CHCH0418

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/23/64-06/03/75	8	15.	14.813	19.	10.	12.853	3.585	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/23/64-06/03/75	8	9.	14.5	32.	7.	90.	9.487	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	06/23/64-06/03/75	8	69.	90.	166.	43.	2322.	48.187	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/23/64-06/03/75	8	9.4	9.688	11.2	8.4	0.936	0.967	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	06/23/64-06/03/75	8	0.75	0.675	0.9	0.4	0.036	0.191	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: CHCH0419

NPS Station ID: CHCH0419
LAT/LON: 35.103337/ -85.243892
Agency: 131TVAC
Date Created: 12/23/89
Location: NICKAJACK RESERVOIR BELOW CHICKAMAUGA DAM
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/FISH/STREAM
STORET Station ID(s): 477175
RMI-Indexes: 1021500 007720 00920
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 470.00
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER 470.0
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 3.70
On/Off RF1:
RF3 Index: 06020001001800.00
RF3 Mile Point: 0.00
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0419

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00019	SAMPLE WEIGHT IN GRAMS	11/16/89-11/17/89	10	815.5	1174.9	2591.	409.	683678.767	826.849	413.5	475.	1796.75	2591.
00039	SAMPLE LENGTH IN MILLIMETERS	11/16/89-11/17/89	10	438.	451.9	583.	342.	8266.767	90.922	343.9	371.5	552.25	583.
34664	PCB - 1221 WET WGTTISMG/KG	11/16/89-11/17/89	10 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
34667	PCB - 1232 WET WGTTISMG/KG	11/16/89-11/17/89	10 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
34669	PCB - 1248 WET WGTTISMG/KG	11/16/89-11/17/89	10 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
34670	PCB - 1260 WET WGTTISMG/KG	11/16/89-11/17/89	10	0.2	0.175	0.3	0.05	0.007	0.086	0.055	0.1	0.225	0.3
34674	PCB - 1016 WET WGTTISMG/KG	11/16/89-11/17/89	10 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	11/16/89-11/16/89	7 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34687	HEPTACHLOR WET WGTTISMG/KG	11/16/89-11/16/89	7 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34689	PCB - 1242 WET WGTTISMG/KG	11/16/89-11/17/89	10 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
34690	PCB - 1254 WET WGTTISMG/KG	11/16/89-11/17/89	10	0.45	0.46	0.8	0.2	0.049	0.222	0.2	0.2	0.7	0.79
39063	CHLORDANE-CIS ISOMER,TISSUE WET WGT (UG/G)	11/16/89-11/17/89	10 ##	0.013	0.017	0.04	0.005	0.	0.014	0.005	0.005	0.025	0.04
39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	11/16/89-11/17/89	10 ##	0.005	0.008	0.02	0.005	0.	0.006	0.005	0.005	0.009	0.02
39515	PCBS (MG/KG) FISH TISSUE MG/KG	11/16/89-11/17/89	10	0.65	0.63	1.	0.2	0.089	0.298	0.21	0.3	0.925	1.
45579	PERCENT LIPID EXTRACTABLE MATERIAL	11/16/89-11/17/89	10	8.5	10.4	22.	4.	41.6	6.45	4.	4.75	14.25	21.9
78457	CHLORDENE, ALPHA-, FISH TISSUE, WET WEIGHT, MG/KG	11/16/89-11/17/89	10 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
78458	CHLORDENE, BETA-, FISH TISSUE, WET WEIGHT, MG/KG	11/16/89-11/17/89	10 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
78459	CHLORDENE, GAMMA-, FISH TISSUE, WET WEIGHT, MG/KG	11/16/89-11/17/89	10 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
78922	NONACHLOR, TRANS, TISSUE, WET WEIGHT MG/KG	11/16/89-11/17/89	10	0.03	0.03	0.05	0.005	0.	0.019	0.005	0.005	0.05	0.05
78923	NONACHLOR, CIS, TISSUE, WET WEIGHT MG/KG	11/16/89-11/17/89	10	0.02	0.016	0.03	0.005	0.	0.009	0.005	0.005	0.02	0.029
79006	CHLORDENE IN FISH UG/KG	11/16/89-11/17/89	10 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
82029	OXYCHLORDANE IN TISSUE SAMPLE WET WEIGHT MG/KG	11/16/89-11/17/89	10 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
85664	WEIGHT, WET, OF FISH LIVER GRAMS	11/16/89-11/17/89	10	14.	19.1	36.	6.	152.1	12.333	6.3	9.	36.	36.
85665	WEIGHT, WET, FISH, RIGHT FILLET GRAMS	11/16/89-11/17/89	10	218.	285.1	618.	101.	37241.211	192.98	101.1	122.25	405.	618.
85666	WEIGHT, WET, FISH, LEFT FILLET GRAMS	11/16/89-11/17/89	10	222.	283.4	616.	98.	37580.711	193.857	98.1	108.	404.5	616.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: CHCH0420

NPS Station ID: CHCH0420 | LAT/LON: 35.103892/ -85.208892 | Agency: 131TVAC | Date Created: 07/20/91
Location: CHICKAMAUGA MODERNIZATION PROGRAM | FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): 477388
RMI-Indexes: 1021500 007720 00920 | Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 472.07
HUC: 06020001 | Depth of Water: 0 | Aquifer:
Major Basin: TENNESSEE RIVER BASIN | Elevation: 0 | Water Body Id:
Minor Basin: TENNESSEE RIVER 472.07 | ECO Region:
RF1 Index: 06020001 | RF1 Mile Point: 0.000 | Distance from RF1: 0.30 | On/Off RF1:
RF3 Index: 06020001031200.00 | RF3 Mile Point: 0.00 | Distance from RF3: 0.02 | On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0420

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/15/91-07/29/92	142	26.	27.458	57.	1.	276.037	16.614	3.	13.	43.	49.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/15/91-07/29/92	142	28.2	28.013	29.6	26.8	0.29	0.539	27.1	27.7	28.3	28.6
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	07/15/91-07/17/91	6	682.3	682.267	682.4	682.1	0.019	0.137	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/15/91-07/29/92	142	160.	139.979	169.	2.	2968.205	54.481	2.	158.75	163.	164.
00300	OXYGEN, DISSOLVED MG/L	07/15/91-07/29/92	142	6.	5.57	8.8	1.3	2.376	1.541	3.13	4.5	6.4	7.47
00400	PH (STANDARD UNITS)	07/15/91-07/29/92	142	7.5	7.485	8.3	6.9	0.067	0.259	7.2	7.3	7.6	7.87
00400	CONVERTED PH (STANDARD UNITS)	07/15/91-07/29/92	142	7.5	7.415	8.3	6.9	0.072	0.269	7.2	7.3	7.6	7.87
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/15/91-07/29/92	142	0.032	0.038	0.126	0.005	0.	0.022	0.014	0.025	0.05	0.063

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0420

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	142	27	0.19	142	27	0.19									
00400	PH	Fresh Chronic	9.	142	0	0.00	142	0	0.00									
		Other-Lo Lim.	6.5	142	0	0.00	142	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0421

NPS Station ID: CHCH0421
LAT/LON: 35.103892/ -85.243892
Agency: 21TNWQ
Date Created: / /
Location: TENN-AM WATER CO. DATA 470.0 R
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): TN103R
RMI-Indexes: 1021500 007720 00920
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 470.00
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001018
RF1 Mile Point: 1.730
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 06020001001800.00
RF3 Mile Point: 0.00
Distance from RF3: 0.10
On/Off RF3:
Description:
TENNESSEE RIVER MILE 470.0 STATION LOCATED BELOW CHICKAMAUGA DAM SAMPLES COLLECTED 75 PERCENT OF STREAM WIDTH FROM LEFT BANK
SAMPLES COLLECTED BY TENNESSEE AMERICAN WATER COMPANY IN CHATTANOOGA

Parameter Inventory for Station: CHCH0421

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/02/74-09/26/74	34	11.5	11.5	20.	3.	74.439	8.628	3.	3.	20.	20.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	08/01/74-09/26/74	26	76.5	77.269	80.	70.	9.225	3.037	72.8	76.	80.	80.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/02/74-09/26/74	34	6.5	10.735	70.	3.2	165.41	12.861	3.6	4.425	11.25	23.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/02/74-09/26/74	34	170.	173.706	190.	160.	54.517	7.384	165.	170.	179.25	186.
00300	OXYGEN, DISSOLVED MG/L	08/01/74-09/26/74	24	6.25	6.258	7.	5.8	0.116	0.341	5.85	6.	6.5	6.85
00310	BOD, 5 DAY, 20 DEG C MG/L	08/01/74-09/26/74	24 ##	0.5	0.821	1.5	0.5	0.14	0.374	0.5	0.5	1.2	1.4
00403	PH, LAB, STANDARD UNITS SU	07/02/74-09/26/74	33	7.6	7.603	7.8	6.8	0.04	0.201	7.34	7.6	7.7	7.8
00403	CONVERTED PH, LAB, STANDARD UNITS	07/02/74-09/26/74	33	7.6	7.538	7.8	6.8	0.045	0.211	7.34	7.6	7.7	7.8
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/02/74-09/26/74	33	0.025	0.029	0.158	0.016	0.001	0.025	0.016	0.02	0.025	0.046
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/02/74-09/26/74	34	55.	55.235	61.	50.	5.094	2.257	53.	54.	57.	58.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/02/74-09/26/74	34 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
00690	CARBON, TOTAL (MG/L AS C)	08/01/74-09/26/74	24	1.7	1.7	2.3	1.1	0.117	0.343	1.2	1.35	1.975	2.15
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/02/74-09/26/74	34	64.5	65.765	76.	60.	18.61	4.314	60.	62.75	70.	71.5
00910	CALCIUM (MG/L AS CACO3)	07/02/74-09/26/74	34	20.	20.265	23.	17.6	1.296	1.139	18.4	20.	21.	21.6
00920	MAGNESIUM (MG/L AS CACO3)	07/02/74-09/26/74	34	3.6	3.574	4.6	2.6	0.352	0.594	2.7	3.15	3.95	4.4
00929	SODIUM, TOTAL (MG/L AS NA)	07/02/74-09/26/74	28	5.25	5.393	7.	4.	0.933	0.966	4.	5.	6.	6.55
00940	CHLORIDE,TOTAL IN WATER MG/L	07/02/74-09/26/74	34	7.5	7.324	10.	5.	2.589	1.609	5.	6.	9.	9.5
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/02/74-09/23/74	30	0.1	0.093	0.14	0.05	0.001	0.034	0.05	0.05	0.12	0.139
01027	CADMIUM, TOTAL (UG/L AS CD)	07/02/74-09/26/74	34 ##	0.003	0.003	0.003	0.003	0.	0.	0.003	0.003	0.003	0.003
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/02/74-09/26/74	34 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
01042	COPPER, TOTAL (UG/L AS CU)	07/02/74-09/26/74	34 ##	0.005	0.007	0.02	0.005	0.	0.003	0.005	0.005	0.01	0.01
01045	IRON, TOTAL (UG/L AS FE)	07/02/74-09/26/74	34	0.1	0.139	0.3	0.08	0.005	0.07	0.08	0.095	0.2	0.25
01051	LEAD, TOTAL (UG/L AS PB)	07/02/74-09/26/74	34 ##	0.02	0.02	0.02	0.02	0.	0.	0.02	0.02	0.02	0.02
01055	MANGANESE, TOTAL (UG/L AS MN)	07/02/74-09/26/74	34	0.035	0.038	0.1	0.01	0.	0.02	0.02	0.02	0.043	0.07
01092	ZINC, TOTAL (UG/L AS ZN)	07/02/74-09/26/74	34	0.01	0.011	0.03	0.005	0.	0.006	0.005	0.01	0.01	0.02
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/02/74-09/26/74	34	200.	645.588	3900.	25.	900169.34	948.773	75.	100.	800.	2300.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/02/74-09/26/74	34	2.301	2.426	3.591	1.398	0.344	0.587	1.849	2.	2.903	3.358
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			266.907								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/02/74-09/26/74	34 ##	5.	5.662	20.	2.5	23.981	4.897	2.5	2.5	5.	15.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/02/74-09/26/74	34 ##	0.699	0.655	1.301	0.398	0.072	0.269	0.398	0.398	0.699	1.151
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.515								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/02/74-09/26/74	34 ##	5.	5.662	20.	2.5	23.981	4.897	2.5	2.5	5.	15.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/02/74-09/26/74	34 ##	0.699	0.655	1.301	0.398	0.072	0.269	0.398	0.398	0.699	1.151

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0421

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4.515								
72033	FLOW, AVERAGE DAILY SPILLWAY DISCHARGE CFS	07/02/74-09/26/74	34	31400.	28405.882	42000.	0.	126106024.955	11229.694	0.	27725.	33875.	37900.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0421

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	34	1	0.03	34	1	0.03									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	24	0	0.00	24	0	0.00									
00403	PH, LAB	Fresh Chronic	9.	33	0	0.00	33	0	0.00									
		Other-Lo Lim.	6.5	33	0	0.00	33	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	34	0	0.00	34	0	0.00									
		Drinking Water	250.	34	0	0.00	34	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	30	0	0.00	30	0	0.00									
01027	CADMIUM, TOTAL	Fresh Acute	3.9	34	0	0.00	34	0	0.00									
		Drinking Water	5.	34	0	0.00	34	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	34	0	0.00	34	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	34	0	0.00	34	0	0.00									
		Drinking Water	1300.	34	0	0.00	34	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	34	0	0.00	34	0	0.00									
		Drinking Water	15.	34	0	0.00	34	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	34	0	0.00	34	0	0.00									
		Drinking Water	5000.	34	0	0.00	34	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	34	7	0.21	34	7	0.21									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	34	0	0.00	34	0	0.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	34	0	0.00	34	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0422

NPS Station ID: CHCH0422
LAT/LON: 35.103892/ -85.246393
Agency: 1113S090
Date Created: / /
Location: TENN RIV DUPONT MILE 469.9 N BK
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM
STORET Station ID(s): 470050 /IED-01
RMI-Indexes: 1021500 007720 00920
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 469.90
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001018
RF1 Mile Point: 1.480
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 06020001124001.53
RF3 Mile Point: 2.82
Distance from RF3: 0.49
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0422

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

***** Data for this station locked by controlling agency *****

Station Inventory for Station: CHCH0423

NPS Station ID: CHCH0423
LAT/LON: 35.104170/ -85.229171
Agency: 11EPALES
Date Created: / /
Location: TENNESSEE RIVER
FIPS State/County: 47000 TENNESSEE/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 4708A1
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: O/CHICKAMAUGA RES
Elevation: 0
Water Body Id:
Minor Basin: WILKS T THRASHER BRDG
ECO Region:
RF1 Index: 06020001019
RF1 Mile Point: 0.210
Distance from RF1: 11.60
On/Off RF1: OFF
RF3 Index: 06020001124001.53
RF3 Mile Point: 2.41
Distance from RF3: 0.68
On/Off RF3:
Description:
AT WILKS T THRASHER BRIDGE (RT. 153) (SAME AS 4717A1)

Parameter Inventory for Station: CHCH0423

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/15/73-03/24/74	14	0.043	0.05	0.12	0.02	0.001	0.025	0.023	0.034	0.059	0.099
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/15/73-03/24/74	14	0.007	0.009	0.018	0.004	0.	0.004	0.004	0.006	0.013	0.017
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/15/73-03/24/74	14	0.43	0.417	0.56	0.252	0.01	0.1	0.263	0.335	0.505	0.54
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/15/73-03/24/74	14	0.39	0.648	2.75	0.2	0.455	0.675	0.24	0.295	0.663	2.065
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/15/73-03/24/74	14	0.43	0.426	0.56	0.26	0.009	0.097	0.275	0.348	0.515	0.545
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/15/73-03/24/74	14	0.035	0.036	0.07	0.015	0.	0.015	0.018	0.024	0.043	0.063
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/15/73-03/24/74	14	0.013	0.013	0.028	0.003	0.	0.006	0.005	0.01	0.015	0.024

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0423

				Total	Exceed	Prop.	----------6/01-10/31----------			----------11/01-2/29----------			----------3/01-5/31----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	14	0	0.00	5	0	0.00	5	0	0.00	4	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	14	0	0.00	5	0	0.00	5	0	0.00	4	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	14	0	0.00	5	0	0.00	5	0	0.00	4	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0424

NPS Station ID: CHCH0424 | LAT/LON: 35.104170/ -85.229171 | Agency: 11EPALES | Date Created: / /
Location: TENNESSEE RIVER | FIPS State/County: 47000 TENNESSEE/
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): 4717A1
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 06020001 | Depth of Water: 0 | Aquifer:
Major Basin: I/NICKAJCK LAKE | Elevation: 0 | Water Body Id:
Minor Basin: WILKS T THRASHER BRDG (TN HWY 153) | ECO Region:
RF1 Index: 06020001019 | RF1 Mile Point: 0.210 | Distance from RF1: 0.00 | On/Off RF1: OFF
RF3 Index: 06020001043100.00 | RF3 Mile Point: 0.40 | Distance from RF3: 0.04 | On/Off RF3:
Description:
WILKS T THRASHER (TN HWY 153) BRIDGE (SAME AS 4708A1)

Parameter Inventory for Station: CHCH0424

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/14/73-03/26/74	13	0.042	0.051	0.12	0.017	0.001	0.029	0.022	0.034	0.06	0.112
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/14/73-03/26/74	13	0.007	0.009	0.018	0.006	0.	0.004	0.006	0.006	0.011	0.016
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/14/73-03/26/74	13	0.399	0.415	0.54	0.29	0.009	0.094	0.298	0.323	0.51	0.536
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/14/73-03/26/74	13	0.27	0.35	1.3	0.1	0.092	0.303	0.132	0.2	0.37	0.98
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/14/73-03/26/74	13	0.41	0.425	0.55	0.3	0.009	0.094	0.308	0.335	0.52	0.546
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/14/73-03/26/74	13	0.04	0.038	0.06	0.02	0.	0.011	0.022	0.028	0.042	0.058
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/14/73-03/26/74	13	0.015	0.013	0.028	0.003	0.	0.007	0.004	0.008	0.016	0.024

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0424

				Total	Exceed	Prop.	6/01-10/31			11/01-2/29			3/01-5/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	13	0	0.00	5	0	0.00	5	0	0.00	3	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	13	0	0.00	5	0	0.00	5	0	0.00	3	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	13	0	0.00	5	0	0.00	5	0	0.00	3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0425

NPS Station ID: CHCH0425
LAT/LON: 35.104726/ -85.235003
Agency: 131TVAC
Date Created: / /
Location: BELOW CHICKAMAUGA DAM
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475375 /1008
RMI-Indexes: 1021500 007720 00920
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 470.50
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER 470.5
ECO Region:
RF1 Index: 06020001018
RF1 Mile Point: 2.220
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 06020001026700.00
RF3 Mile Point: 1.91
Distance from RF3: 0.04
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0425

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01501	ALPHA, TOTAL	09/07/67-09/07/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01502	ALPHA, TOTAL, COUNTING ERROR	09/07/67-09/07/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01503	ALPHA, DISSOLVED	09/07/67-09/07/67	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01504	ALPHA, DISSOLVED, COUNTING ERROR	09/07/67-09/07/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01505	ALPHA, SUSPENDED	09/07/67-09/07/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01506	ALPHA, SUSPENDED, COUNTING ERROR	09/07/67-09/07/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
03501	BETA, TOTAL	09/07/67-09/07/67	1	3.	3.	3.	3.	0.	0.	**	**	**	**
03502	BETA, TOTAL, COUNTING ERROR	09/07/67-09/07/67	1	1.	1.	1.	1.	0.	0.	**	**	**	**
03503	BETA, DISSOLVED	09/07/67-09/07/67	1	3.	3.	3.	3.	0.	0.	**	**	**	**
03504	BETA, DISSOLVED, COUNTING ERROR	09/07/67-09/07/67	1	1.	1.	1.	1.	0.	0.	**	**	**	**
03505	BETA, SUSPENDED	09/07/67-09/07/67	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
03506	BETA, SUSPENDED, COUNTING ERROR	09/07/67-09/07/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: CHCH0426

NPS Station ID: CHCH0426 LAT/LON: 35.105559/ -85.205559 Agency: 111EPRI Date Created: 05/19/79
Location: CHICKAMAUGA LAKE TN RIVER MI 472.3- MIDSTREAM FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 0140001
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: TENNESSEE RIVER Elevation: 0 Water Body Id:
Minor Basin: TENNESSEE RIVER - MAIN STEM & MINOR TRIB ECO Region:
RF1 Index: 06020001021 RF1 Mile Point: 0.820 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 06020001124000.00 RF3 Mile Point: 0.00 Distance from RF3: 0.01 On/Off RF3:
Description:
DATA FROM TENNESSEE VALLEY AUTHORITY SEQUOYAH NUCLEAR PLANT UNITS 1&2
WATER SAMPLES ANALYZED FOR TOXICS; SAMPLE TAKEN FROM CHICKAMAUGA LAKE TENNESSEE RIVER MILE 472.3- MIDSTREAM

Parameter Inventory for Station: CHCH0426

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/12/60-06/14/61	25	5.1	5.064	8.6	2.9	1.469	1.212	3.18	4.35	5.6	6.5
01045	IRON, TOTAL (UG/L AS FE)	07/12/60-06/14/61	25	270.	379.2	1880.	10.	198449.333	445.477	54.	135.	405.	1094.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: CHCH0427

NPS Station ID: CHCH0427
LAT/LON: 35.105559/ -85.227226
Agency: 131TVAC
Date Created: 04/11/87
Location: CHICKAMAUGA RESERVOIR - ABOVE CHICKAMAUGA DAM
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 476995
RMI-Indexes: 1021500 007720 00920
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 471.10
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER 471.1
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 1.70
On/Off RF1:
RF3 Index: 06020001030200.00
RF3 Mile Point: 0.34
Distance from RF3: 0.11
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0427

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/01/87-08/12/93	618	23.	23.084	56.	1.	258.275	16.071	3.	7.75	37.25	44.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/01/87-08/12/93	605	20.6	19.968	31.2	5.2	45.923	6.777	9.8	15.15	26.2	27.6
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/01/87-09/19/89	38	1.38	1.454	2.	1.	0.067	0.258	1.129	1.34	1.63	1.88
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/01/87-08/12/93	604	178.	178.465	210.	138.	268.422	16.384	158.	165.	188.	204.
00300	OXYGEN, DISSOLVED MG/L	04/01/87-08/12/93	604	8.2	8.234	12.6	1.6	4.89	2.211	5.4	6.5	9.8	11.4
00303	BOD, 1DAY, 20 DEG C MG/L	05/13/87-06/28/89	12	0.4	0.392	0.7	0.2	0.017	0.131	0.23	0.3	0.475	0.64
00304	BOD, 2 DAY, 20 DEG C MG/L	07/07/87-09/19/89	37	0.6	0.73	2.3	0.2	0.178	0.422	0.2	0.4	0.95	1.22
00305	BOD, 3 DAY, 20 DEG C MG/L	06/10/87-07/27/89	6	0.8	1.117	2.5	0.5	0.598	0.773	**	**	**	**
00306	BOD, 4 DAY, 20 DEG C MG/L	04/01/87-06/28/89	19	1.2	1.295	2.1	0.6	0.162	0.402	0.9	1.	1.5	2.1
00310	BOD, 5 DAY, 20 DEG C MG/L	06/10/87-09/19/89	43	1.2	1.398	4.4	0.6	0.514	0.717	0.7	0.9	1.7	2.06
00312	BOD, 6 DAY, 20 DEG C MG/L	04/01/87-06/28/89	16	1.5	1.5	2.6	0.9	0.225	0.475	0.9	1.1	1.775	2.32
00315	BOD, 7 DAY, 20 DEG C MG/L	05/13/87-09/19/89	46	1.5	1.667	4.8	0.8	0.576	0.759	0.9	1.2	2.025	2.43
00316	BOD, 8 DAY, 20 DEG C MG/L	04/01/87-06/28/89	16	1.6	1.694	2.7	0.9	0.267	0.517	1.04	1.325	2.05	2.56
00317	BOD, 9 DAY, 20 DEG C MG/L	07/07/87-09/19/89	37	1.6	1.851	5.1	0.9	0.591	0.769	1.08	1.3	2.2	2.72
00322	BOD, 10 DAY, 20 DEG C MG/L	05/13/87-07/27/89	9	2.	2.3	4.3	1.4	0.782	0.885	1.4	1.7	2.75	4.3
00323	BOD, 15 DAY, 20 DEG C MG/L	04/01/87-06/28/89	19	2.3	2.437	4.	1.6	0.417	0.646	1.6	1.9	2.9	3.5
00324	BOD, 20 DAY, 20 DEG C MG/L	04/01/87-09/19/89	59	2.9	2.958	6.8	1.7	0.884	0.94	1.9	2.3	3.4	3.9
00327	BOD, 11DAY, 20 DEG C MG/L	04/01/87-06/28/89	13	2.	2.054	3.	1.3	0.231	0.481	1.42	1.75	2.4	2.92
00328	BOD, 12 DAY, 20 DEG C MG/L	06/10/87-09/19/89	43	2.	2.247	5.5	1.2	0.726	0.852	1.44	1.7	2.6	3.16
00329	BOD, 13 DAY, 20 DEG C MG/L	04/01/87-08/22/89	22	2.	2.182	3.2	1.5	0.245	0.495	1.63	1.85	2.55	3.07
00331	BOD, 16 DAY, 20 DEG C MG/L	05/13/87-09/19/89	37	2.6	2.7	6.3	1.5	0.857	0.926	1.6	2.1	3.1	3.7
00332	BOD, 17 DAYS, 20 DEG C MG/L	04/19/89-07/27/89	6	2.8	2.717	3.5	1.7	0.458	0.677	**	**	**	**
00333	BOD, 18 DAY, 20 DEG C MG/L	04/01/87-06/28/89	16	2.75	2.981	5.2	2.	0.755	0.869	2.07	2.25	3.575	4.5
00334	BOD, 19 DAY, 20 DEG C MG/L	05/13/87-12/08/87	6	2.3	2.4	3.4	1.9	0.348	0.59	**	**	**	**
00337	BOD, 23 DAY, 20 DEG C MG/L	05/13/87-05/13/87	3	2.9	3.1	3.6	2.8	0.19	0.436	**	**	**	**
00345	BOD, 25 DAY, 20 DEG C MG/L	05/13/87-05/13/87	3	2.9	3.2	3.9	2.8	0.37	0.608	**	**	**	**
00347	BOD, 27 DAY, 20 DEG C MG/L	05/13/87-05/13/87	3	3.1	3.433	4.2	3.	0.443	0.666	**	**	**	**
00350	BOD, 14 DAY, 20 DEG C MG/L	06/10/87-09/19/89	37	2.5	2.551	5.7	1.3	0.867	0.931	1.4	1.95	3.	3.52
00400	PH (STANDARD UNITS)	04/01/87-08/12/93	592	7.7	7.753	9.	7.	0.185	0.431	7.3	7.4	8.	8.4
00400	CONVERTED PH (STANDARD UNITS)	04/01/87-08/12/93	592	7.7	7.584	9.	7.	0.214	0.462	7.3	7.4	8.	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/01/87-08/12/93	592	0.02	0.026	0.1	0.001	0.	0.021	0.004	0.01	0.04	0.05
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	04/01/87-09/19/89	57	59.	58.421	72.	47.	43.141	6.568	47.	54.	63.	67.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/01/87-09/19/89	62	5.	4.895	19.	0.5	7.567	2.751	2.	3.	6.	8.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/01/87-09/19/89	62	2.	2.556	15.	0.5	3.452	1.858	1.	2.	3.	4.
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/01/87-09/19/89	62	0.2	0.212	0.51	0.03	0.008	0.091	0.113	0.15	0.26	0.334
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/01/87-09/19/89	62	0.02	0.027	0.1	0.005	0.	0.022	0.005	0.01	0.04	0.05
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/01/87-09/19/89	62	0.2	0.222	0.46	0.08	0.009	0.097	0.11	0.15	0.26	0.4
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/01/87-09/19/89	62	0.03	0.034	0.09	0.01	0.	0.015	0.02	0.02	0.04	0.05

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0427

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/01/87-09/19/89	62	0.01	0.01	0.04	0.005	0.	0.007	0.005	0.005	0.01	0.02
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/01/87-09/19/89	62	2.15	2.194	4.6	0.9	0.473	0.688	1.2	1.875	2.5	3.14
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/01/87-08/16/89	42	6.05	6.238	13.	0.5	14.442	3.8	1.09	3.075	9.375	11.91
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	04/01/87-08/16/89	42 ##	0.5	0.698	2.	0.5	0.124	0.352	0.5	0.5	1.	1.2
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	04/01/87-08/16/89	42	1.	1.088	3.	0.5	0.421	0.649	0.5	0.5	1.625	2.
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/01/87-08/16/89	42	1.95	1.726	6.	0.5	1.317	1.148	0.5	0.5	2.325	2.97
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	04/01/87-09/19/89	62 ##	0.005	0.008	0.02	0.005	0.	0.005	0.005	0.005	0.01	0.017
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	04/01/87-09/19/89	62	4.4	5.19	13.	1.	8.346	2.889	2.	3.	7.075	9.64

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0427

				Total	Exceed	Prop.	----------6/01-10/31----------			----------11/01-2/29----------			----------3/01-5/31----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	604	10	0.02	286	10	0.03	76	0	0.00	242	0	0.00			
00400	PH	Fresh Chronic	9.	592	1	0.00	274	1	0.00	76	0	0.00	242	0	0.00			
		Other-Lo Lim.	6.5	592	0	0.00	274	0	0.00	76	0	0.00	242	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	62	0	0.00	28	0	0.00	12	0	0.00	22	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	62	0	0.00	28	0	0.00	12	0	0.00	22	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1987 - Station CHCH0427

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/01/87-08/12/93	264	20.	22.898	56.	1.	249.917	15.809	3.	9.25	36.	44.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/01/87-08/12/93	254	23.8	20.689	29.	9.2	39.84	6.312	12.	15.575	26.4	27.55
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/01/87-08/12/93	253	192.	189.162	210.	161.	198.343	14.083	167.4	179.	201.5	207.
00300	OXYGEN, DISSOLVED MG/L	04/01/87-08/12/93	253	7.6	7.901	11.5	4.1	4.208	2.051	5.24	6.15	9.75	10.7
00400	PH (STANDARD UNITS)	04/01/87-08/12/93	241	7.7	7.805	9.	7.1	0.191	0.437	7.3	7.5	8.1	8.5
00400	CONVERTED PH (STANDARD UNITS)	04/01/87-08/12/93	241	7.7	7.636	9.	7.1	0.22	0.469	7.3	7.5	8.1	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/01/87-08/12/93	241	0.02	0.023	0.079	0.001	0.	0.018	0.003	0.008	0.032	0.05

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station CHCH0427

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/01/87-08/12/93	144	20.	21.535	49.	1.	226.628	15.054	3.	5.5	34.	44.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/01/87-08/12/93	143	14.9	13.093	20.7	5.2	26.197	5.118	5.7	7.4	17.9	19.3
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/01/87-08/12/93	143	175.	177.909	208.	165.	90.717	9.525	170.	173.	183.	187.
00300	OXYGEN, DISSOLVED MG/L	04/01/87-08/12/93	143	10.3	10.063	12.6	4.9	3.641	1.908	7.7	8.7	11.9	12.2
00400	PH (STANDARD UNITS)	04/01/87-08/12/93	143	7.8	7.92	8.9	7.2	0.173	0.416	7.44	7.6	8.1	8.5
00400	CONVERTED PH (STANDARD UNITS)	04/01/87-08/12/93	143	7.8	7.76	8.9	7.2	0.199	0.446	7.44	7.6	8.1	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/01/87-08/12/93	143	0.016	0.017	0.063	0.001	0.	0.014	0.003	0.008	0.025	0.037

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station CHCH0427

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/01/87-08/12/93	167	25.	24.383	53.	1.	278.419	16.686	3.	10.	39.	49.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/01/87-08/12/93	165	23.4	22.539	28.2	13.5	15.889	3.986	15.06	20.2	25.6	27.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/01/87-08/12/93	165	161.	160.776	184.	138.	98.712	9.935	151.	157.	164.5	170.4
00300	OXYGEN, DISSOLVED MG/L	04/01/87-08/12/93	165	8.	7.813	11.6	5.3	2.232	1.494	5.76	6.5	8.7	9.7
00400	PH (STANDARD UNITS)	04/01/87-08/12/93	165	7.5	7.566	8.4	7.	0.112	0.335	7.2	7.3	7.7	8.14
00400	CONVERTED PH (STANDARD UNITS)	04/01/87-08/12/93	165	7.5	7.464	8.4	7.	0.123	0.351	7.2	7.3	7.7	8.14
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/01/87-08/12/93	165	0.032	0.034	0.1	0.004	0.	0.02	0.007	0.02	0.05	0.063

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station CHCH0427

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/01/87-08/12/93	43	23.	24.372	54.	1.	340.334	18.448	1.	7.	43.	52.6
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/01/87-08/12/93	43	28.3	28.709	31.2	26.8	1.548	1.244	27.06	27.7	29.7	30.56
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/01/87-08/12/93	43	185.	185.256	190.	180.	4.719	2.172	182.	184.	187.	188.
00300	OXYGEN, DISSOLVED MG/L	04/01/87-08/12/93	43	5.6	5.723	9.1	1.6	4.726	2.174	2.4	4.2	7.5	8.56
00400	PH (STANDARD UNITS)	04/01/87-08/12/93	43	7.6	7.619	8.4	7.	0.228	0.478	7.	7.2	8.	8.36
00400	CONVERTED PH (STANDARD UNITS)	04/01/87-08/12/93	43	7.6	7.406	8.4	7.	0.274	0.524	7.	7.2	8.	8.36
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/01/87-08/12/93	43	0.025	0.039	0.1	0.004	0.001	0.034	0.004	0.01	0.063	0.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 6/01 to 10/31 - Station CHCH0427

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/01/87-08/12/93	293	25.	24.01	56.	1.	279.907	16.73	3.	9.5	39.	49.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/01/87-08/12/93	286	26.35	25.473	31.2	16.6	9.548	3.09	22.6	24.1	27.3	28.59
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/01/87-08/12/93	286	185.	181.311	210.	138.	298.419	17.275	158.	167.	193.	203.
00300	OXYGEN, DISSOLVED MG/L	04/01/87-08/12/93	286	6.55	6.648	11.	1.6	2.533	1.592	4.9	5.6	7.725	8.7
00400	PH (STANDARD UNITS)	04/01/87-08/12/93	274	7.5	7.595	9.	7.	0.173	0.415	7.2	7.3	7.8	8.3
00400	CONVERTED PH (STANDARD UNITS)	04/01/87-08/12/93	274	7.5	7.455	9.	7.	0.192	0.438	7.2	7.3	7.8	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/01/87-08/12/93	274	0.032	0.035	0.1	0.001	0.001	0.023	0.005	0.016	0.05	0.063

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 2/29 - Station CHCH0427

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/01/87-08/12/93	79	20.	20.684	48.	1.	206.834	14.382	3.	5.	34.	39.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/01/87-08/12/93	76	9.2	9.471	15.9	5.2	12.47	3.531	5.2	6.45	12.	15.66
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/01/87-08/12/93	76	193.	189.618	208.	170.	237.652	15.416	170.	172.	206.	207.
00300	OXYGEN, DISSOLVED MG/L	04/01/87-08/12/93	76	10.1	10.387	12.6	7.9	2.43	1.559	8.2	9.1	12.	12.23
00400	PH (STANDARD UNITS)	04/01/87-08/12/93	76	7.8	7.893	8.5	7.6	0.07	0.264	7.6	7.7	8.	8.4
00400	CONVERTED PH (STANDARD UNITS)	04/01/87-08/12/93	76	7.8	7.83	8.5	7.6	0.074	0.272	7.6	7.7	8.	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/01/87-08/12/93	76	0.016	0.015	0.025	0.003	0.	0.007	0.004	0.01	0.02	0.025

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 3/01 to 5/31 - Station CHCH0427

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/01/87-08/12/93	246	20.	22.752	54.	1.	247.983	15.747	3.	7.	36.75	44.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/01/87-08/12/93	243	16.8	16.772	27.6	7.1	18.84	4.34	11.48	13.7	19.6	22.3
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/01/87-08/12/93	242	173.	171.599	208.	150.	148.573	12.189	157.	162.	176.25	187.
00300	OXYGEN, DISSOLVED MG/L	04/01/87-08/12/93	242	9.55	9.433	12.4	4.9	2.592	1.61	7.1	8.3	10.6	11.5
00400	PH (STANDARD UNITS)	04/01/87-08/12/93	242	7.8	7.887	8.9	7.	0.185	0.43	7.4	7.6	8.2	8.5
00400	CONVERTED PH (STANDARD UNITS)	04/01/87-08/12/93	242	7.8	7.712	8.9	7.	0.216	0.464	7.4	7.6	8.2	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/01/87-08/12/93	242	0.016	0.019	0.1	0.001	0.	0.016	0.003	0.006	0.025	0.04

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: CHCH0428

NPS Station ID: CHCH0428
Location: TENNESSEE RIVER
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes: 1021500 007720 00920
RMI-Miles: 0953.80 0046.50 471.00
HUC: 06020001
Major Basin: TENNESSEE RIVER
Minor Basin: TENNESSEE RIVER
RF1 Index: 06020001019
RF3 Index: 06020001030200.00
Description:
CHICKAMAUGA DAM

LAT/LON: 35.105559/ -85.227782

Depth of Water: 0
Elevation: 0

RF1 Mile Point: 0.210
RF3 Mile Point: 1.09

Agency: 21TNWQ
FIPS State/County: 47065 TENNESSEE/HAMILTON
STORET Station ID(s): 003220 /333220 /233220
Within Park Boundary: No

Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.02

Date Created: / /

On/Off RF1: OFF
On/Off RF3:

Parameter Inventory for Station: CHCH0428

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00060	FLOW, STREAM, MEAN DAILY CFS	11/23/60-11/15/62	42	30555.	37972.214	107600.	13100.	448777622.807	21184.372	23183.	25677.5	36480.	76631.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/23/60-11/15/62	41	3.	7.244	38.	1.	99.289	9.964	1.	1.5	7.	27.6
00080	COLOR (PLATINUM-COBALT UNITS)	11/23/60-11/15/62	40	17.5	29.6	140.	5.	1010.913	31.795	5.	12.	41.25	75.6
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	11/23/60-11/15/62	41	42.	64.415	320.	8.	4286.799	65.474	15.6	22.	83.5	166.4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/23/60-11/15/62	41	197.	959.366	8333.	142.	4498605.688	2120.992	152.2	162.5	231.	5637.6
00403	PH, LAB, STANDARD UNITS SU	11/23/60-11/15/62	41	7.7	7.683	8.3	6.6	0.092	0.304	7.4	7.6	7.9	8.08
00403	CONVERTED PH, LAB, STANDARD UNITS	11/23/60-11/15/62	41	7.7	7.545	8.3	6.6	0.112	0.334	7.4	7.6	7.9	8.08
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/23/60-11/15/62	41	0.02	0.028	0.251	0.005	0.001	0.038	0.008	0.013	0.025	0.04
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/23/60-11/15/62	40	50.5	51.	71.	36.	51.949	7.208	42.3	46.	55.	59.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	11/23/60-11/15/62	41	0.	0.049	2.	0.	0.098	0.312	0.	0.	0.	0.
00437	ACIDITY, CO2 (PHENOLPHTHALEIN) (MG/L AS CACO3)	11/23/60-11/15/62	35	2.	2.829	10.	0.	5.264	2.294	0.	2.	4.	6.4
00500	RESIDUE, TOTAL (MG/L)	11/23/60-11/15/62	42	121.	118.333	162.	75.	407.301	20.182	92.3	103.75	129.5	148.1
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	11/23/60-11/15/62	41	113.	1256.024	12771.	71.	12544754.874	3541.858	80.8	93.	132.5	8659.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/23/60-11/15/62	42	7.5	11.833	92.	1.	260.337	16.135	2.	2.	14.5	28.5
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	11/23/60-11/15/62	42	0.4	0.538	1.8	0.2	0.105	0.325	0.3	0.4	0.6	0.97
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/23/60-02/01/61	11	0.1	0.095	0.3	0.05	0.005	0.072	0.05	0.05	0.1	0.26
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/23/60-02/01/61	11 ##	0.001	0.01	0.1	0.001	0.001	0.03	0.001	0.001	0.001	0.08
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/23/60-11/15/62	40	0.3	0.26	0.5	0.01	0.009	0.095	0.2	0.2	0.3	0.4
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/23/60-11/15/62	42 ##	0.01	0.027	0.1	0.01	0.001	0.036	0.01	0.01	0.01	0.1
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/23/60-11/15/62	41	70.	68.122	115.	44.	255.61	15.988	47.4	56.5	76.	88.
00910	CALCIUM (MG/L AS CACO3)	11/23/60-11/15/62	41	46.	45.488	73.	21.	114.706	10.71	31.	39.	53.	60.4
00920	MAGNESIUM (MG/L AS CACO3)	11/23/60-11/15/62	41	23.	22.634	42.	10.	65.988	8.123	13.2	16.	27.5	34.6
00929	SODIUM, TOTAL (MG/L AS NA)	11/23/60-11/15/62	42	6.35	6.712	11.3	1.7	6.687	2.586	3.4	4.575	8.775	10.32
00937	POTASSIUM, TOTAL MG/L AS K)	11/23/60-11/15/62	42	1.3	1.369	2.6	0.7	0.181	0.425	0.8	1.175	1.525	2.08
00940	CHLORIDE,TOTAL IN WATER MG/L	11/23/60-11/15/62	41	15.	14.098	24.	6.	25.99	5.098	7.2	9.	17.5	21.
00945	SULFATE, TOTAL (MG/L AS SO4)	11/23/60-11/15/62	40	12.	12.85	32.	7.	21.156	4.6	8.	10.	15.	17.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/23/60-11/15/62	42 ##	0.05	0.054	0.1	0.05	0.	0.013	0.05	0.05	0.05	0.05
00955	SILICA, DISSOLVED (MG/L AS SI02)	11/30/60-11/15/62	41	7.	7.132	9.2	5.5	0.755	0.869	6.06	6.5	7.75	8.5
01045	IRON, TOTAL (UG/L AS FE)	11/23/60-11/15/62	41	300.	568.293	2900.	100.	415219.512	644.375	120.	200.	650.	1680.
01055	MANGANESE, TOTAL (UG/L AS MN)	11/23/60-11/15/62	41 ##	25.	51.22	700.	25.	11873.476	108.965	25.	25.	25.	100.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0428

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	41	0	0.00	10	0	0.00	19	0	0.00	12	0	0.00			
00403	PH, LAB	Fresh Chronic	9.	41	0	0.00	10	0	0.00	19	0	0.00	12	0	0.00			
		Other-Lo Lim.	6.5	41	0	0.00	10	0	0.00	19	0	0.00	12	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	11	0	0.00				11	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	40	0	0.00	9	0	0.00	19	0	0.00	12	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	41	0	0.00	10	0	0.00	19	0	0.00	12	0	0.00			
		Drinking Water	250.	41	0	0.00	10	0	0.00	19	0	0.00	12	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	40	0	0.00	10	0	0.00	18	0	0.00	12	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	42	0	0.00	10	0	0.00	19	0	0.00	13	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0429

NPS Station ID: CHCH0429 LAT/LON: 35.105559/ -85.244448 Agency: 1113S000 Date Created: / /
Location: TENNESSEE RIVER AT E I DUPONT CO SETTLING PONDS FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/IND/PTRTMT/OUTFL/STREAM STORET Station ID(s): 470054 /TR-T-18
RMI-Indexes: 1021500 007720 00920 Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 469.90
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN ECO Region:
RF1 Index: 06020001018 RF1 Mile Point: 1.730 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 06020001092500.00 RF3 Mile Point: 0.01 Distance from RF3: 0.01 On/Off RF3:
Description:
E.I. DUPONT DENEMOURS AND COMPANY, CHATTANOOGA, TENNESSEE---SAMPLES WERE COLLECTED BELOW THE SETTLING POND AT THE PARSHALL FLUME. THE WASTE ENTERS NICKAJACK RESERVOIR AT RM 469.9. STUDY CONDUCTED BY CREW FROM SOUTHEAST WATER LABORATORY IN JUNE 1972.
CHARLES SWEATT-PROJECT ENGINEER; TOM BENNETT-CHEMIST.

Parameter Inventory for Station: CHCH0429

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/72-06/23/72	3	30.	30.167	33.5	27.	10.583	3.253	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	06/19/72-06/23/72	4	8680.	8042.5	12200.	2610.	17842158.333	4223.998	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	06/20/72-06/23/72	3	14.	15.333	18.	14.	5.333	2.309	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/19/72-06/23/72	4	7.2	7.175	7.7	6.6	0.209	0.457	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/19/72-06/23/72	4	7.189	6.999	7.7	6.6	0.25	0.5	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/19/72-06/23/72	4	0.065	0.1	0.251	0.02	0.011	0.104	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	06/19/72-06/23/72	4	165.5	169.75	222.	126.	1741.583	41.732	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	06/19/72-06/23/72	4	149.	155.5	205.	119.	1481.667	38.492	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/19/72-06/23/72	4	16.5	14.25	17.	7.	23.583	4.856	**	**	**	**
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	06/20/72-06/23/72	4 ##	2.5	3.875	8.	2.5	7.563	2.75	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/20/72-06/23/72	3	0.9	1.003	1.9	0.21	0.722	0.85	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/19/72-06/23/72	4	1.3	1.3	2.05	0.55	0.382	0.618	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/19/72-06/23/72	4	0.565	0.573	0.64	0.52	0.002	0.05	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/19/72-06/23/72	4	0.28	0.283	0.43	0.14	0.024	0.154	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/19/72-06/23/72	4	8.	8.	11.	5.	8.667	2.944	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	06/19/72-06/23/72	4 ##	47.5	55.	100.	25.	1350.	36.742	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	06/19/72-06/23/72	3 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	06/19/72-06/23/72	4	637.5	631.25	650.	600.	572.917	23.936	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	06/19/72-06/23/72	4 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	06/19/72-06/23/72	4	92.5	87.5	105.	60.	408.333	20.207	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	06/19/72-06/23/72	4	75.	96.25	170.	65.	2439.583	49.392	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/20/72-06/23/72	4	760.	2372.5	7900.	70.	13879425.	3725.51	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/20/72-06/23/72	4	2.728	2.8	3.898	1.845	0.808	0.899	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			630.627								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/20/72-06/23/72	4	65.	77.5	170.	10.	4625.	68.007	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/20/72-06/23/72	4	1.801	1.708	2.23	1.	0.271	0.52	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			51.065								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/20/72-06/23/72	4	17.	18.125	36.	2.5	188.729	13.738	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0429

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	4	0	0.00	4	0	0.00									
		Other-Lo Lim.	6.5	4	0	0.00	4	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	4	0	0.00	4	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	4	1	0.25	4	1	0.25									
01042	COPPER, TOTAL	Fresh Acute	18.	0 &	0	0.00												
		Drinking Water	1300.	3	0	0.00	3	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	4	0	0.00	4	0	0.00									
		Drinking Water	15.	0 &	0	0.00												
01092	ZINC, TOTAL	Fresh Acute	120.	4	1	0.25	4	1	0.25									
		Drinking Water	5000.	4	0	0.00	4	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	4	2	0.50	4	2	0.50									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	4	0	0.00	4	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0430

NPS Station ID: CHCH0430
LAT/LON: 35.106115/ -85.231670
Agency: 131TVAC
Date Created: / /
Location: NICKAJACK RESERVOIR
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475822 /1011
RMI-Indexes: 1021500 007720 00920
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 471.00
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER 471.0
ECO Region:
RF1 Index: 06020001067
RF1 Mile Point: 0.210
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 06020001000600.90
RF3 Mile Point: 7.84
Distance from RF3: 0.08
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0430

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/08/70-09/08/70	1	1.	1.	1.	1.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	09/08/70-09/08/70	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0430

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0431

NPS Station ID: CHCH0431
LAT/LON: 35.106670/ -85.210560
Agency: 131TVAC
Date Created: 02/02/91
Location: CHICKAMAUGA RESERVOIR
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/FISH/STREAM
STORET Station ID(s): 477327
RMI-Indexes: 1021500 007720 00920
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 472.00
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER 472.0
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 0.70
On/Off RF1:
RF3 Index: 06020001001800.00
RF3 Mile Point: 0.00
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0431

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00019	SAMPLE WEIGHT IN GRAMS	11/06/90-10/23/92	15	1015.	1185.267	3073.	532.	502820.21	709.098	561.4	658.	1466.	2595.4
00039	SAMPLE LENGTH IN MILLIMETERS	11/06/90-10/23/92	15	494.	491.933	612.	404.	4616.781	67.947	404.6	430.	550.	597.6
01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	10/14/92-10/14/92	1	## 0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
01149	SELENIUM, TOTAL IN FISH OR ANIMALS WET WGT MG/KG	10/14/92-10/14/92	1	## 0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
04190	DEPTH TO BOTTOM OF SCREEN, FROM MEAS.PT. METER	10/14/92-10/14/92	2	11.	11.	11.	11.	0.	0.	**	**	**	**
34258	B-BHC-BETA WET WGTTISMG/KG	11/06/90-10/14/92	11	## 0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
34263	DELTA BENZENE HEXACHLORIDE WET WGTTISMG/KG	11/06/90-10/14/92	11	## 0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
34355	ENDOSULFAN SULFATE WET WGTTISMG/KG	11/06/90-10/14/92	11	## 0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
34360	ENDOSULFAN, BETA WET WGTTISMG/KG	11/06/90-10/14/92	11	## 0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
34365	ENDOSULFAN, ALPHA WET WGTTISMG/KG	11/06/90-10/14/92	11	## 0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
34664	PCB - 1221 WET WGTTISMG/KG	11/06/90-10/14/92	11	## 0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
34667	PCB - 1232 WET WGTTISMG/KG	11/06/90-10/14/92	11	## 0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
34669	PCB - 1248 WET WGTTISMG/KG	11/06/90-10/14/92	11	## 0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
34670	PCB - 1260 WET WGTTISMG/KG	11/06/90-10/14/92	11	## 0.05	0.077	0.2	0.05	0.002	0.047	0.05	0.05	0.1	0.18
34674	PCB - 1016 WET WGTTISMG/KG	11/06/90-10/14/92	11	## 0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
34680	ALDRIN IN FISH TISSUE WET WEIGHT MG/KG	11/06/90-10/14/92	11	## 0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
34685	ENDRIN WET WGTTISMG/KG	11/06/90-10/14/92	11	## 0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	11/06/90-10/14/92	11	## 0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
34687	HEPTACHLOR WET WGTTISMG/KG	11/06/90-10/14/92	11	## 0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
34689	PCB - 1242 WET WGTTISMG/KG	11/06/90-10/14/92	11	## 0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
34690	PCB - 1254 WET WGTTISMG/KG	11/06/90-10/14/92	11	0.7	0.609	0.8	0.4	0.025	0.158	0.4	0.4	0.7	0.8
34691	TOXAPHENE WET WGTTISMG/KG	11/06/90-10/14/92	11	## 0.25	0.25	0.25	0.25	0.	0.	0.25	0.25	0.25	0.25
39063	CHLORDANE-CIS ISOMER,TISSUE WET WGT (UG/G)	11/06/90-11/07/90	10	## 0.005	0.018	0.05	0.005	0.	0.018	0.005	0.005	0.033	0.049
39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	11/06/90-10/14/92	11	## 0.005	0.013	0.05	0.005	0.	0.015	0.005	0.005	0.02	0.046
39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	11/06/90-10/14/92	11	## 0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
39302	P P DDT IN TISSUE WET WGT (UG/G)	11/06/90-10/14/92	11	## 0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
39312	P P DDD IN TISSUE WET WGT (UG/G)	11/06/90-10/14/92	11	## 0.005	0.016	0.06	0.005	0.	0.021	0.005	0.005	0.03	0.058
39322	P,P'-DDE IN TISSUE WET WGT MG/KG	11/06/90-10/14/92	11	## 0.005	0.008	0.04	0.005	0.	0.011	0.005	0.005	0.005	0.033
39404	DIELDRIN IN TISSUE WET WGT (UG/G)	11/06/90-10/14/92	11	## 0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
39515	PCBS (MG/KG) FISH TISSUE MG/KG	11/06/90-11/07/90	10	0.7	0.66	0.8	0.4	0.018	0.135	0.41	0.575	0.8	0.8
39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	11/06/90-10/14/92	11	## 0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
45579	PERCENT LIPID EXTRACTABLE MATERIAL	11/06/90-10/14/92	11	8.	7.727	13.	3.	12.018	3.467	3.	5.	11.	12.8
71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	10/14/92-10/14/92	1	## 0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	10/14/92-10/14/92	1	## 0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	10/14/92-10/14/92	1	## 0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
78457	CHLORDENE, ALPHA-, FISH TISSUE, WET WEIGHT, MG/KG	11/06/90-10/14/92	11	## 0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
78458	CHLORDENE, BETA-, FISH TISSUE, WET WEIGHT, MG/KG	11/06/90-11/07/90	10	## 0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
78459	CHLORDENE, GAMMA-, FISH TISSUE, WET WEIGHT, MG/KG	11/06/90-10/14/92	11	## 0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0431

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
78922	NONACHLOR, TRANS, TISSUE, WET WEIGHT MG/KG	11/06/90-10/14/92	11 ##	0.005	0.014	0.04	0.005	0.	0.011	0.005	0.005	0.02	0.036
78923	NONACHLOR, CIS, TISSUE, WET WEIGHT MG/KG	11/06/90-10/14/92	11 ##	0.005	0.006	0.02	0.005	0.	0.005	0.005	0.005	0.005	0.017
79006	CHLORDENE IN FISH UG/KG	11/06/90-10/14/92	11 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
81645	MIREX IN FISH TISSUE WET WEIGHT UG/G	11/06/90-10/14/92	11 ##	0.005	0.005	0.005	0.004	0.	0.	0.004	0.005	0.005	0.005
82029	OXYCHLORDANE IN TISSUE SAMPLE WET WEIGHT MG/KG	11/06/90-11/07/90	10 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
85664	WEIGHT, WET, OF FISH LIVER GRAMS	11/06/90-10/23/92	15	14.	18.067	65.	7.	232.638	15.252	7.6	8.	22.	47.6
85665	WEIGHT, WET, FISH, RIGHT FILLET GRAMS	11/06/90-10/23/92	15	243.	270.067	672.	127.	24284.352	155.834	131.8	149.	281.	605.4
85666	WEIGHT, WET, FISH, LEFT FILLET GRAMS	11/06/90-10/23/92	15	244.	273.333	683.	127.	26350.81	162.329	131.2	152.	273.	620.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: CHCH0432

NPS Station ID: CHCH0432
LAT/LON: 35.106948/ -85.230837
Agency: 1113S090
Date Created: / /
Location: NORTH CHICKAMAUGA CREEK MOUTH
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 470260 /NCC-05
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001067
RF1 Mile Point: 0.200
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 06020001001900.00
RF3 Mile Point: 0.00
Distance from RF3: 0.04
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0432

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

***** Data for this station locked by controlling agency *****

Station Inventory for Station: CHCH0433

NPS Station ID: CHCH0433
LAT/LON: 35.107226/ -85.205559
Agency: 131TVAC
Date Created: / /
Location: CHICKAMAUGA RES. AT LIGHTED BUOY
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM/SOLIDS
STORET Station ID(s): 475358 /1017
RMI-Indexes: 1021500 007720 00920
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 472.30
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER 472.3
ECO Region:
RF1 Index: 06020001021
RF1 Mile Point: 0.710
Distance from RF1: 7.00
On/Off RF1: ON
RF3 Index: 06020001124100.00
RF3 Mile Point: 0.23
Distance from RF3: 0.22
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0433

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/12/60-09/16/97	1652	25.	25.658	61.	0.7	312.808	17.686	3.	10.	40.	50.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/60-09/16/97	1532	25.2	23.249	31.7	6.	27.532	5.247	15.93	20.5	27.1	28.
00060	FLOW, STREAM, MEAN DAILY CFS	01/24/90-09/15/93	27	35983.	256240.556	1691800.	5421.169	348587306.18	411519.85	20843.8	25463.	471900.	871520.
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/17/95-09/18/95	5	29296.	26851.	38442.	8521.	123233320.5	11101.05	**	**	**	**
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	01/24/92-09/12/94	19	681.8	681.6	683.	676.7	1.721	1.312	680.7	681.3	682.4	682.5
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/12/60-12/04/73	60	10.	12.617	35.	4.	57.325	7.571	6.	8.	15.	29.5
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/30/86-09/16/97	87	1.5	1.535	5.	0.75	0.257	0.507	1.016	1.25	1.75	2.026
00080p	COLOR (PLATINUM-COBALT UNITS)	07/12/60-09/12/94	148	10.	12.922	50.	0.5	60.479	7.777	5.	10.	15.	20.
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	01/23/73-01/24/92	75	25.	30.107	100.	5.	367.502	19.17	15.	20.	33.	60.
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	07/12/60-12/04/73	54 ##	0.5	0.741	3.	0.5	0.271	0.521	0.5	0.5	1.	1.5
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	04/17/95-04/17/95	11	454.	455.182	478.	424.	335.364	18.313	425.2	443.	470.	478.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/86-09/16/97	1293	187.	186.198	242.	119.	821.168	28.656	148.	166.	211.	222.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/60-12/04/73	60	150.	165.5	220.	130.	791.271	28.13	140.	140.	190.	210.
00300p	OXYGEN, DISSOLVED MG/L	07/12/60-09/16/97	1532	6.2	6.315	12.2	0.01	6.367	2.523	2.9	5.1	7.9	9.8
00310	BOD, 5 DAY, 20 DEG C MG/L	07/12/60-12/04/73	60	1.	0.987	2.9	0.5	0.27	0.52	0.5	0.5	1.4	1.6
00335	COD, .025N K2CR2O7 MG/L	01/23/73-12/04/73	35	5.	5.686	9.	2.	2.928	1.711	4.	4.	7.	8.
00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	06/18/73-06/18/73	1	45700.	45700.	45700.	45700.	0.	0.	**	**	**	**
00400p	PH (STANDARD UNITS)	07/12/60-09/16/97	1457	7.5	7.525	8.9	6.7	0.159	0.399	7.1	7.28	7.7	8.1
00400p	CONVERTED PH (STANDARD UNITS)	07/12/60-09/16/97	1457	7.5	7.385	8.9	6.7	0.179	0.423	7.1	7.28	7.7	8.1
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/12/60-09/16/97	1457	0.032	0.041	0.2	0.001	0.001	0.03	0.008	0.02	0.052	0.079
00403	PH, LAB, STANDARD UNITS SU	04/11/90-09/13/90	8	7.6	7.625	7.8	7.5	0.014	0.116	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	04/11/90-09/13/90	8	7.6	7.612	7.8	7.5	0.014	0.117	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/11/90-09/13/90	8	0.025	0.024	0.032	0.016	0.	0.006	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/12/60-09/13/90	68	48.	49.485	70.	39.	39.567	6.29	43.	46.	51.75	59.1
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	07/12/60-12/04/73	60	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00500	RESIDUE, TOTAL (MG/L)	07/12/60-06/14/61	25	100.	108.4	150.	80.	355.667	18.859	90.	90.	120.	140.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	07/12/60-10/23/73	54	90.	92.963	130.	70.	183.508	13.547	75.	80.	100.	110.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/23/73-09/12/94	129	6.	7.791	73.	0.5	59.132	7.69	3.	4.	9.	17.
00605p	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/23/73-08/12/97	133	0.17	0.189	0.67	0.01	0.011	0.105	0.07	0.12	0.24	0.31
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/23/73-08/12/97	134	0.04	0.045	0.29	0.005	0.001	0.035	0.01	0.02	0.06	0.09
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/23/73-08/12/97	134	0.24	0.271	0.59	0.01	0.017	0.13	0.13	0.17	0.35	0.495
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	01/23/73-08/12/97	134	0.03	0.03	0.19	0.002	0.	0.018	0.02	0.02	0.03	0.048
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/23/73-12/04/73	35	0.02	0.021	0.088	0.005	0.	0.017	0.005	0.01	0.029	0.043
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	06/18/73-06/18/73	1	760.	760.	760.	760.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/24/90-09/12/94	94	0.007	0.007	0.02	0.001	0.	0.005	0.003	0.004	0.01	0.01
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/24/90-09/12/94	94	1.9	1.927	2.4	0.9	0.061	0.246	1.7	1.8	2.1	2.3
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	01/24/90-01/24/92	45	1.8	1.767	2.1	0.6	0.077	0.278	1.6	1.7	1.9	2.
00687	CARBON, ORGANIC, IN BED MATERIAL (GM/KG AS C)	07/23/91-07/23/91	1	19.	19.	19.	19.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0433

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00722	CYANIDE, FREE (AMENABLE TO CHLORINATION) MG/L	01/23/73-12/04/73	35 ##	0.005	0.005	0.01	0.005	0.	0.001	0.005	0.005	0.005	0.005
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/11/90-09/13/90	8	71.5	75.125	99.	57.	279.554	16.72	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	07/12/60-10/18/88	64	19.	19.625	26.	15.	5.603	2.367	17.	18.	22.	23.
00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	05/30/90-08/17/95	6	3150.	3100.	3600.	2500.	224000.	473.286	**	**	**	**
00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	05/30/90-08/17/95	6	3750.	3883.333	5200.	2800.	1157666.667	1075.949	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/12/60-10/18/88	64	4.6	4.778	8.5	3.	0.835	0.914	4.	4.1	5.475	6.
00929	SODIUM, TOTAL (MG/L AS NA)	07/12/60-12/04/73	58	4.7	5.803	11.	2.6	4.485	2.118	3.7	4.15	7.4	9.5
00937	POTASSIUM, TOTAL MG/L AS K)	07/12/60-12/04/73	58	1.6	1.419	2.2	0.8	0.197	0.444	0.9	1.	1.8	1.91
00940	CHLORIDE,TOTAL IN WATER MG/L	07/12/60-12/04/73	60	6.5	8.983	22.	4.	24.695	4.969	5.	6.	12.25	19.
00945	SULFATE, TOTAL (MG/L AS SO4)	07/12/60-12/04/73	58	15.	15.259	30.	10.	20.686	4.548	11.	12.	17.25	21.
00951	FLUORIDE, TOTAL (MG/L AS F)	01/23/73-12/04/73	35	0.07	0.071	0.09	0.05	0.	0.012	0.06	0.06	0.08	0.09
00956	SILICA, TOTAL (MG/L AS SI02)	07/12/60-12/04/73	58	5.55	5.536	8.4	0.8	1.351	1.162	4.36	5.	6.125	7.
01002	ARSENIC, TOTAL (UG/L AS AS)	01/23/73-12/04/73	35 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	06/18/73-08/17/95	3	15.	12.967	16.	7.9	19.503	4.416	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	01/23/73-12/04/73	35 ##	50.	51.429	100.	50.	71.429	8.452	50.	50.	50.	50.
01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	06/18/73-06/18/73	1	150.	150.	150.	150.	0.	0.	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	01/23/73-12/04/73	35 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/18/73-06/08/82	2	1.55	1.55	1.8	1.3	0.125	0.354	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	01/23/73-12/04/73	35 ##	0.5	0.543	2.	0.5	0.064	0.254	0.5	0.5	0.5	0.5
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/18/73-08/17/95	8 ##	0.375	0.613	2.6	0.05	0.671	0.819	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/18/73-08/17/95	8	33.	35.875	50.	23.	117.268	10.829	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/23/73-12/04/73	35 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	06/18/73-06/18/73	1	31.	31.	31.	31.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	01/23/73-10/18/88	39	10.	25.256	140.	5.	1069.669	32.706	5.	5.	30.	60.
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/18/73-08/17/95	8	63.5	61.375	74.	35.	129.411	11.376	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/12/60-10/18/88	98	290.	435.765	2200.	5.	227200.181	476.655	30.	100.	560.	938.
01046	IRON, DISSOLVED (UG/L AS FE)	07/12/60-10/18/88	98 ##	25.	38.112	160.	5.	1715.214	41.415	5.	5.	60.	110.
01047	IRON, FERROUS (UG/L AS FE)	01/23/73-12/04/73	35	90.	99.429	300.	10.	3005.546	54.823	40.	60.	110.	172.
01051	LEAD, TOTAL (UG/L AS PB)	01/23/73-12/04/73	35 ##	5.	9.	57.	5.	101.353	10.067	5.	5.	10.	20.
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/18/73-08/17/95	8	59.	58.875	75.	47.	114.125	10.683	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	06/18/73-08/17/95	8	5200.	4950.	5600.	3100.	597142.857	772.75	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	01/23/73-10/18/88	73	100.	312.959	2600.	21.	329198.151	573.758	60.	80.	220.	650.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	01/23/73-10/18/88	71	20.	219.169	2500.	2.5	326176.671	571.119	2.5	5.	60.	594.
01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	06/18/73-06/18/73	1 ##	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	01/23/73-12/04/73	35 ##	25.	43.429	350.	25.	4299.664	65.572	25.	25.	25.	79.
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/18/73-08/17/95	8	32.	31.25	46.	10.	120.786	10.99	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	01/23/73-12/04/73	35 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	06/18/73-06/08/82	2 ##	0.9	0.9	1.3	0.5	0.32	0.566	**	**	**	**
01083	STRONTIUM IN BOTTOM DEPOSITS(MG/KG AS SR DRY WGT)	06/18/73-06/18/73	1 ##	1.65	1.65	1.65	1.65	0.	0.	**	**	**	**
01088	VANADIUM IN BOTTOM DEPOSITS (MG/KG AS V DRY WGT)	06/18/73-06/18/73	1 ##	17.	17.	17.	17.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	01/23/73-10/18/88	39	30.	39.359	100.	5.	506.815	22.513	10.	20.	50.	70.
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/18/73-08/17/95	8	340.	367.5	490.	300.	5507.143	74.21	**	**	**	**
01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	06/18/73-06/18/73	1 ##	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
01103	TIN IN BOTTOM DEPOSITS (MG/KG AS SN DRY WGT)	06/18/73-06/18/73	1 ##	33.5	33.5	33.5	33.5	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	01/23/73-10/18/88	39	900.	1105.897	3500.	110.	533893.252	730.68	260.	700.	1300.	2200.
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	06/18/73-08/17/95	7	31000.	36442.857	59000.	9100.	323039523.81	17973.3	**	**	**	**
01133	LITHIUM IN BOTTOM DEPOSITS (MG/KG AS LI DRY WGT)	06/18/73-06/18/73	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	01/23/73-12/04/73	35 ##	0.5	0.686	2.	0.5	0.192	0.439	0.5	0.5	0.5	1.4
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	06/18/73-06/08/82	2 ##	0.65	0.65	0.8	0.5	0.045	0.212	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	06/18/73-08/17/95	8	47000.	43000.	52000.	19000.	114000000.	10677.078	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/23/73-12/04/73	15 ##	5.	37.667	320.	5.	7492.381	86.559	5.	5.	10.	218.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/23/73-12/04/73	15 ##	0.699	0.99	2.505	0.699	0.348	0.59	0.699	0.699	1.	2.308
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			9.768								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/12/60-06/26/61	31	36.	2557.484	70000.	3.	157922262.258	12566.712	3.	6.	160.	1096.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/12/60-06/26/61	31	1.556	1.62	4.845	0.477	1.05	1.025	0.477	0.778	2.204	2.981
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			41.717								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/23/73-07/12/94	56 ##	5.	16.071	440.	5.	3663.377	60.526	5.	5.	5.	10.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/23/73-07/12/94	56 ##	0.699	0.795	2.643	0.699	0.118	0.344	0.699	0.699	0.699	1.
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			6.236								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/24/90-09/16/97	67	8.	8.642	24.	1.	22.567	4.75	3.8	5.	11.	15.2
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	01/24/90-09/16/97	66 ##	0.5	0.803	4.	0.5	0.291	0.54	0.5	0.5	1.	1.
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	01/24/90-09/16/97	66	1.	1.295	5.	0.5	0.538	0.734	0.5	1.	2.	2.
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/24/90-09/16/97	66	1.5	1.773	6.	0.5	1.432	1.197	0.5	1.	2.	3.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0433

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/23/73-10/23/73	22	2.5	4.045	22.	0.5	27.831	5.276	0.5	0.5	5.25	12.1
34257	B-BHC-BETA DRY WGTBOTUG/KG	05/30/90-08/17/95	6 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34262	DELTA BENZENE HEXACHLORIDE DRY WGTBOTUG/KG	05/30/90-08/17/95	6 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	05/30/90-08/17/95	6 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	05/30/90-08/17/95	6 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	05/30/90-08/17/95	6 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	05/30/90-08/17/95	6 ##	5.	170.	500.	5.	65340.	255.617	**	**	**	**
39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	05/30/90-08/17/95	6 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/30/90-08/17/95	6 ##	5.	15.333	67.	5.	640.667	25.311	**	**	**	**
39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/30/90-08/17/95	6 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/30/90-08/17/95	6 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/30/90-08/17/95	6 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	05/30/90-08/17/95	6 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	05/30/90-08/17/95	6 ##	5.	6.833	16.	5.	20.167	4.491	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	05/30/90-08/17/95	6 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/30/90-08/17/95	6 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	05/30/90-08/17/95	6 ##	250.	250.	250.	250.	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	05/30/90-08/17/95	6 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	05/30/90-08/17/95	6 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	07/23/91-08/17/95	4 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	05/30/90-08/17/95	6 ##	50.	43.75	50.	12.5	234.375	15.309	**	**	**	**
39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	05/30/90-08/17/95	6 ##	50.	43.75	50.	12.5	234.375	15.309	**	**	**	**
39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	05/30/90-08/17/95	6 ##	50.	43.75	50.	12.5	234.375	15.309	**	**	**	**
39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	05/30/90-08/17/95	6 ##	50.	43.75	50.	12.5	234.375	15.309	**	**	**	**
39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	05/30/90-08/17/95	6 ##	50.	43.75	50.	12.5	234.375	15.309	**	**	**	**
39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	05/30/90-08/17/95	6 ##	50.	43.75	50.	12.5	234.375	15.309	**	**	**	**
39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	05/30/90-08/17/95	6 ##	50.	43.75	50.	12.5	234.375	15.309	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/08/82-07/24/90	3 ##	50.	200.	500.	50.	67500.	259.808	**	**	**	**
46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	07/12/60-10/18/88	64	69.	68.656	92.	56.	74.293	8.619	57.	61.	76.	79.5
70152	VOLUME OF LAKE OR RESERVOIR CUBIC METERS X 10(6)	04/18/94-09/12/94	6	745.785	740.095	764.72	713.63	426.928	20.662	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/06/73-12/04/73	6	100.	95.	100.	80.	70.	8.367	**	**	**	**
70318	SOLIDS, TOTAL, PERCENT OF WET SAMPLE	05/30/90-05/25/93	5	37.2	36.78	39.1	33.6	3.987	1.997	**	**	**	**
70322	SOLIDS, VOLATILE, PERCENT OF TOTAL SOLIDS	06/08/82-05/25/93	6	8.35	8.483	9.1	8.2	0.11	0.331	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	01/23/73-12/04/73	35 ##	0.1	0.317	1.2	0.1	0.09	0.299	0.1	0.1	0.6	0.8
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	06/18/73-08/17/95	8	0.55	0.85	2.7	0.4	0.58	0.762	**	**	**	**
72030	ELEVATION OF RESERVOIR POOL (FT ABOVE MSL)	01/28/91-09/17/91	7	682.2	681.471	683.1	675.9	6.359	2.522	**	**	**	**
80111	NITROGEN, TOTAL IN DRIED MATERIAL (MG/KG)	06/18/73-06/18/73	1	1200.	1200.	1200.	1200.	0.	0.	**	**	**	**
80203	TOTAL SEDIMENT SIEVE DIAMETER,% FINER THAN .062MM	06/08/82-08/05/92	5	97.4	97.82	99.1	97.	0.802	0.896	**	**	**	**
80204	TOTAL SEDIMENT SIEVE DIAMETER,% FINER THAN .125MM	06/08/82-08/05/92	5	99.3	99.4	100.	98.9	0.175	0.418	**	**	**	**
80206	TOTAL SEDIMENT SIEVE DIAMETER,% FINER THAN .500MM	06/08/82-08/05/92	5	100.	99.92	100.	99.6	0.032	0.179	**	**	**	**
80208	TOTAL SEDIMENT SIEVE DIAMETER,% FINER THAN 2.00MM	06/08/82-08/05/92	5	100.	100.	100.	100.	0.	0.	**	**	**	**
82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	04/18/94-04/17/95	27	13.6	12.815	26.2	3.8	37.84	6.151	4.18	7.2	16.5	21.72
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/24/90-01/24/92	46	5.	5.939	16.	3.	9.038	3.006	3.	4.	7.925	11.3
85305	RETENTION TIME, MEAN HYDRAULIC IN DAYS NES	04/18/94-09/12/94	6	10.	12.	25.	7.	45.6	6.753	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0433

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	60	0	0.00	27	0	0.00	20	0	0.00	13	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1532	246	0.16	1086	229	0.21	83	0	0.00	363	17	0.05			
00400	PH	Fresh Chronic	9.	1457	0	0.00	1065	0	0.00	52	0	0.00	340	0	0.00			
		Other-Lo Lim.	6.5	1457	0	0.00	1065	0	0.00	52	0	0.00	340	0	0.00			
00403	PH, LAB	Fresh Chronic	9.	8	0	0.00	4	0	0.00				4	0	0.00			
		Other-Lo Lim.	6.5	8	0	0.00	4	0	0.00				4	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	134	0	0.00	71	0	0.00	18	0	0.00	45	0	0.00			
00722	CYANIDE, FREE (AMENABLE TO CHLORINATION)	Fresh Acute	0.022	35	0	0.00	16	0	0.00	12	0	0.00	7	0	0.00			
		Drinking Water	0.2	35	0	0.00	16	0	0.00	12	0	0.00	7	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

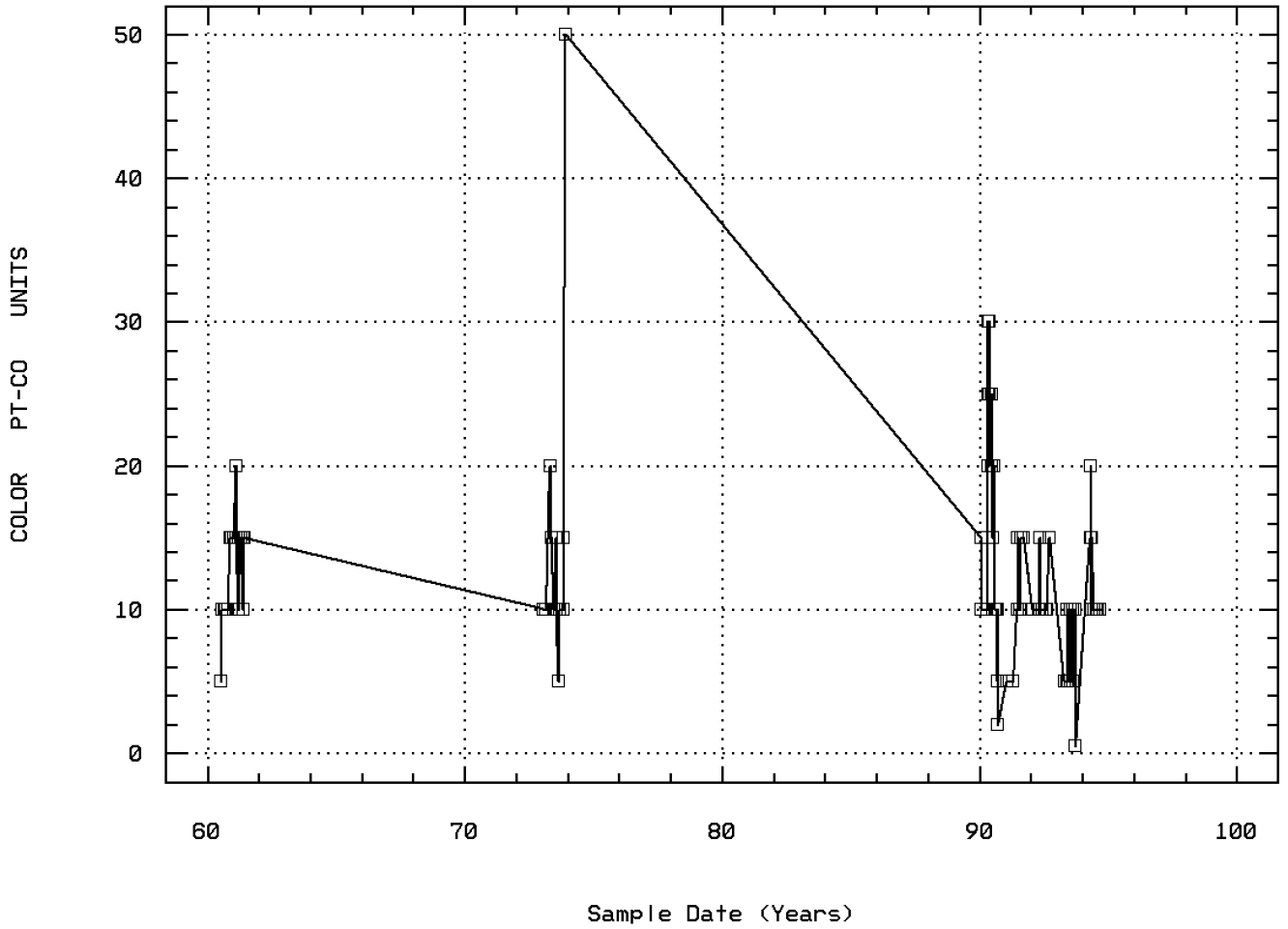
EPA Water Quality Criteria Analysis for Station: CHCH0433

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	60	0	0.00	27	0	0.00	20	0	0.00	13	0	0.00			
		Drinking Water	250.	60	0	0.00	27	0	0.00	20	0	0.00	13	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	58	0	0.00	25	0	0.00	20	0	0.00	13	0	0.00			
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	35	0	0.00	16	0	0.00	12	0	0.00	7	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	35	0	0.00	16	0	0.00	12	0	0.00	7	0	0.00			
		Drinking Water	50.	35	0	0.00	16	0	0.00	12	0	0.00	7	0	0.00			
01007	BARIUM, TOTAL	Drinking Water	2000.	35	0	0.00	16	0	0.00	12	0	0.00	7	0	0.00			
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	35	0	0.00	16	0	0.00	12	0	0.00	7	0	0.00			
		Drinking Water	4.	0 &	0	0.00												
01027	CADMIUM, TOTAL	Fresh Acute	3.9	35	0	0.00	16	0	0.00	12	0	0.00	7	0	0.00			
		Drinking Water	5.	35	0	0.00	16	0	0.00	12	0	0.00	7	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	35	0	0.00	16	0	0.00	12	0	0.00	7	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	39	19	0.49	20	11	0.55	12	3	0.25	7	5	0.71			
		Drinking Water	1300.	39	0	0.00	20	0	0.00	12	0	0.00	7	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	35	0	0.00	16	0	0.00	12	0	0.00	7	0	0.00			
		Drinking Water	15.	35	4	0.11	16	2	0.13	12	2	0.17	7	0	0.00			
01067	NICKEL, TOTAL	Fresh Acute	1400.	35	0	0.00	16	0	0.00	12	0	0.00	7	0	0.00			
		Drinking Water	100.	35	3	0.09	16	3	0.19	12	0	0.00	7	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	100.	35	0	0.00	16	0	0.00	12	0	0.00	7	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	39	0	0.00	20	0	0.00	12	0	0.00	7	0	0.00			
		Drinking Water	5000.	39	0	0.00	20	0	0.00	12	0	0.00	7	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	35	0	0.00	16	0	0.00	12	0	0.00	7	0	0.00			
		Drinking Water	50.	35	0	0.00	16	0	0.00	12	0	0.00	7	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	15	0	0.00	8	0	0.00	4	0	0.00	3	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	31	3	0.10	20	0	0.00	4	2	0.50	7	1	0.14			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	56	1	0.02	31	0	0.00	6	1	0.17	19	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	35	0	0.00	16	0	0.00	12	0	0.00	7	0	0.00			
		Drinking Water	2.	35	0	0.00	16	0	0.00	12	0	0.00	7	0	0.00			
82078	TURBIDITY, FIELD	Other-Hi Lim.	50.	27	0	0.00	12	0	0.00				15	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	46	0	0.00	20	0	0.00	6	0	0.00	20	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station: CHCH0433 Parameter Code: 00080

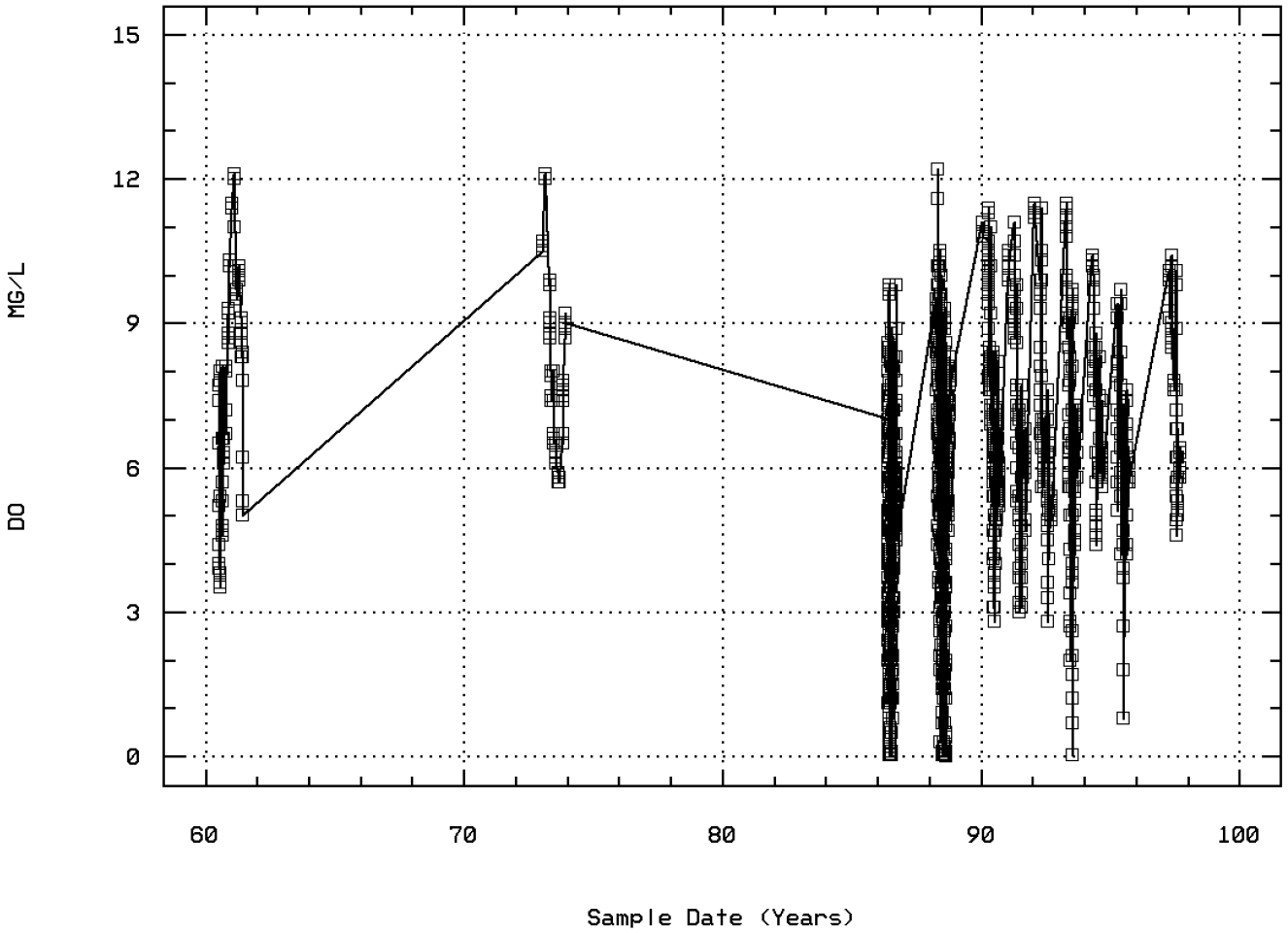
COLOR (PLATINUM-COBALT UNITS)



CHICKAMAUGA RES. AT LIGHTED BUOY

Station: CHCH0433 Parameter Code: 00300

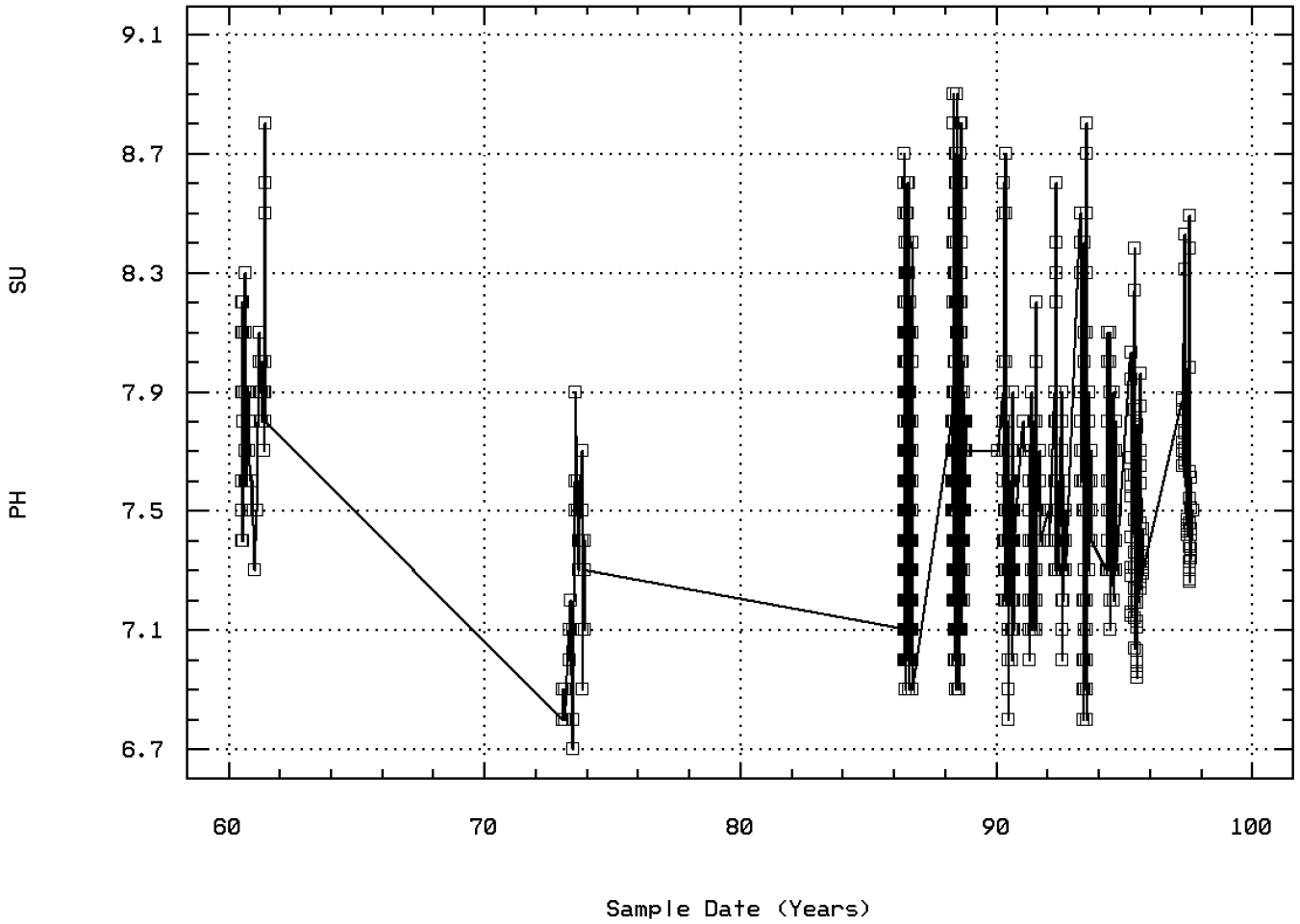
OXYGEN, DISSOLVED



CHICKAMAUGA RES. AT LIGHTED BUOY

Station: CHCH0433 Parameter Code: 00400

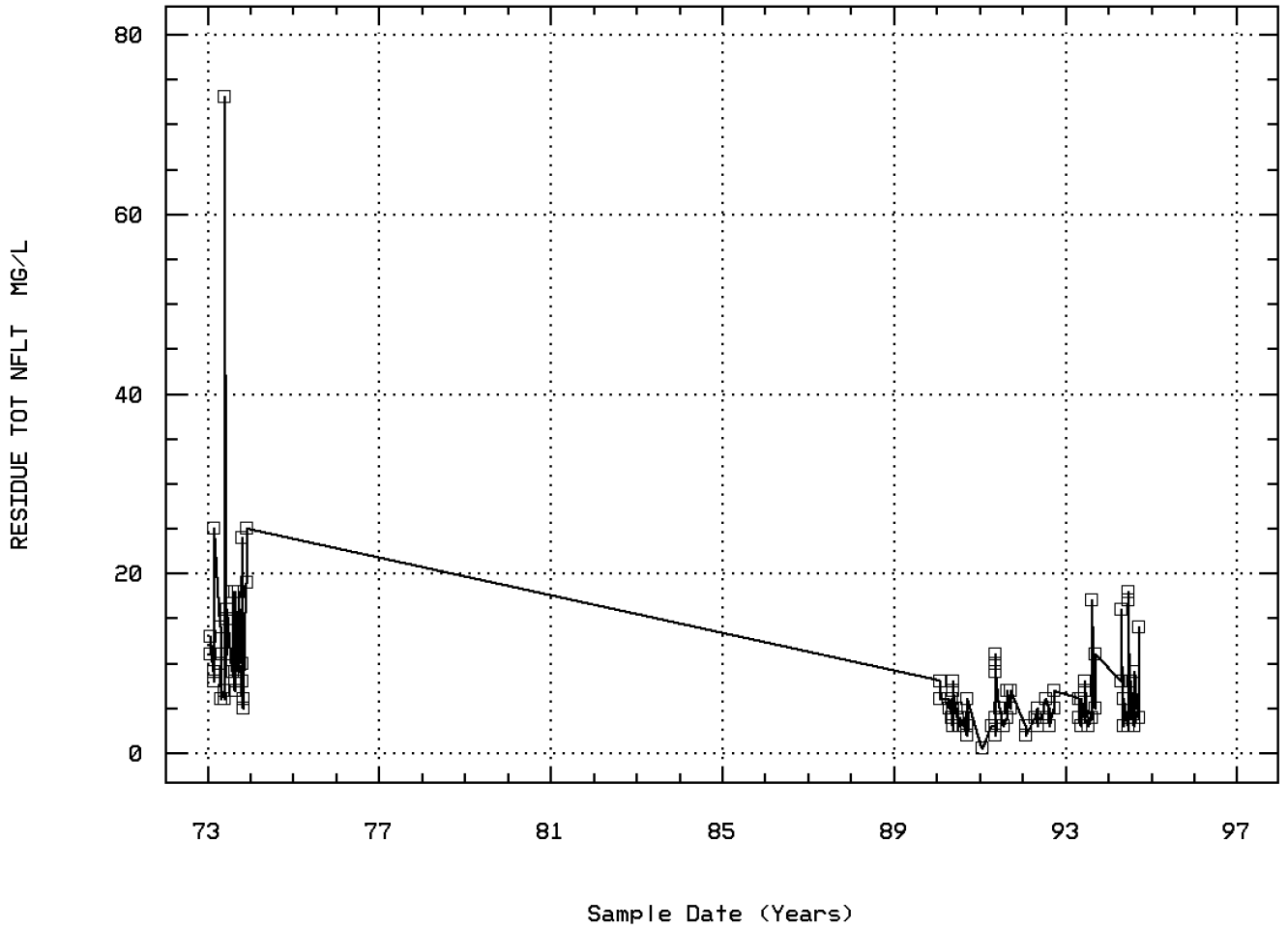
PH (STANDARD UNITS)



CHICKAMAUGA RES. AT LIGHTED BUOY

Station: CHCH0433 Parameter Code: 00530

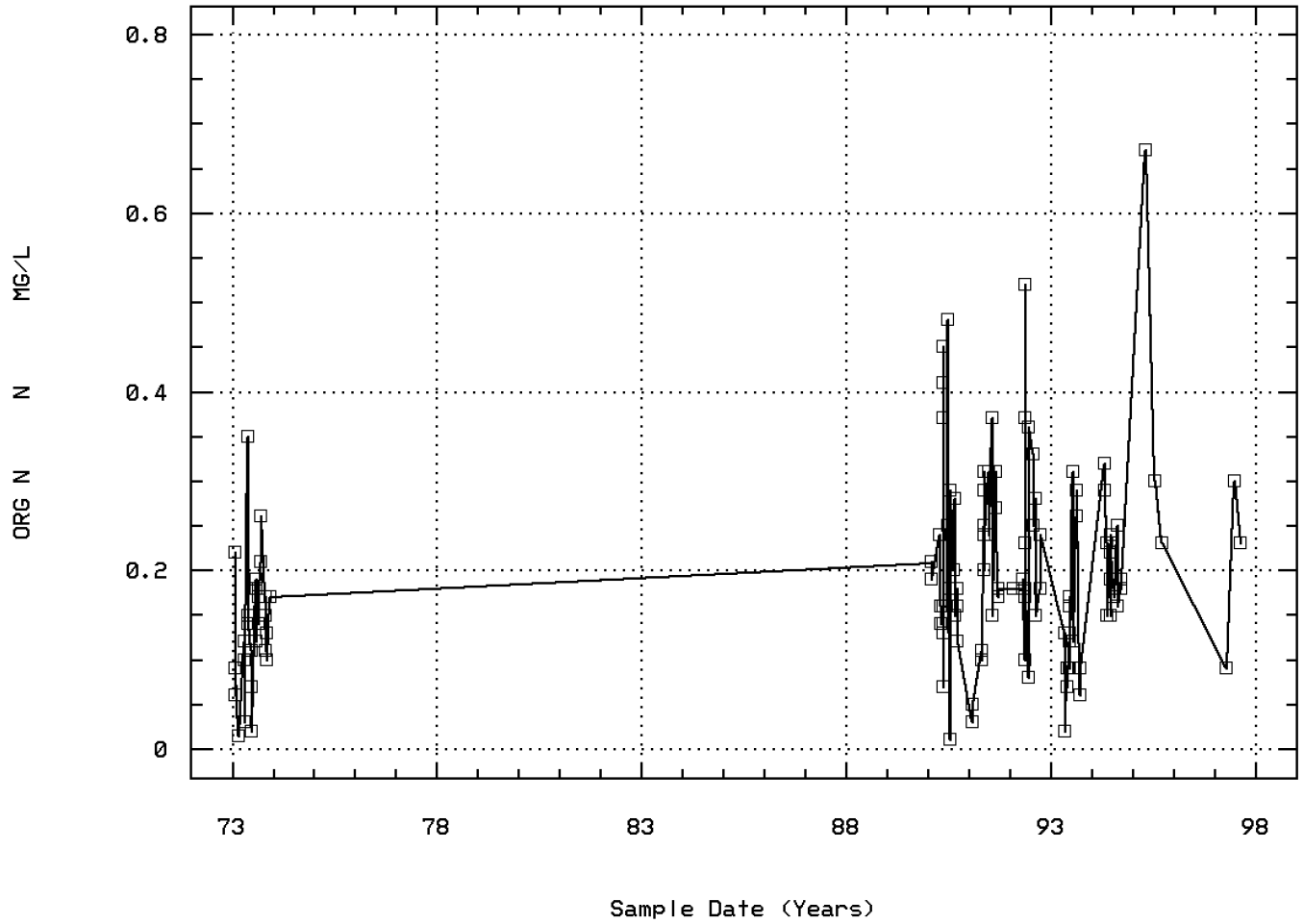
RESIDUE, TOTAL NONFILTRABLE (MG/L)



CHICKAMAUGA RES. AT LIGHTED BUOY

Station: CHCH0433 Parameter Code: 00605

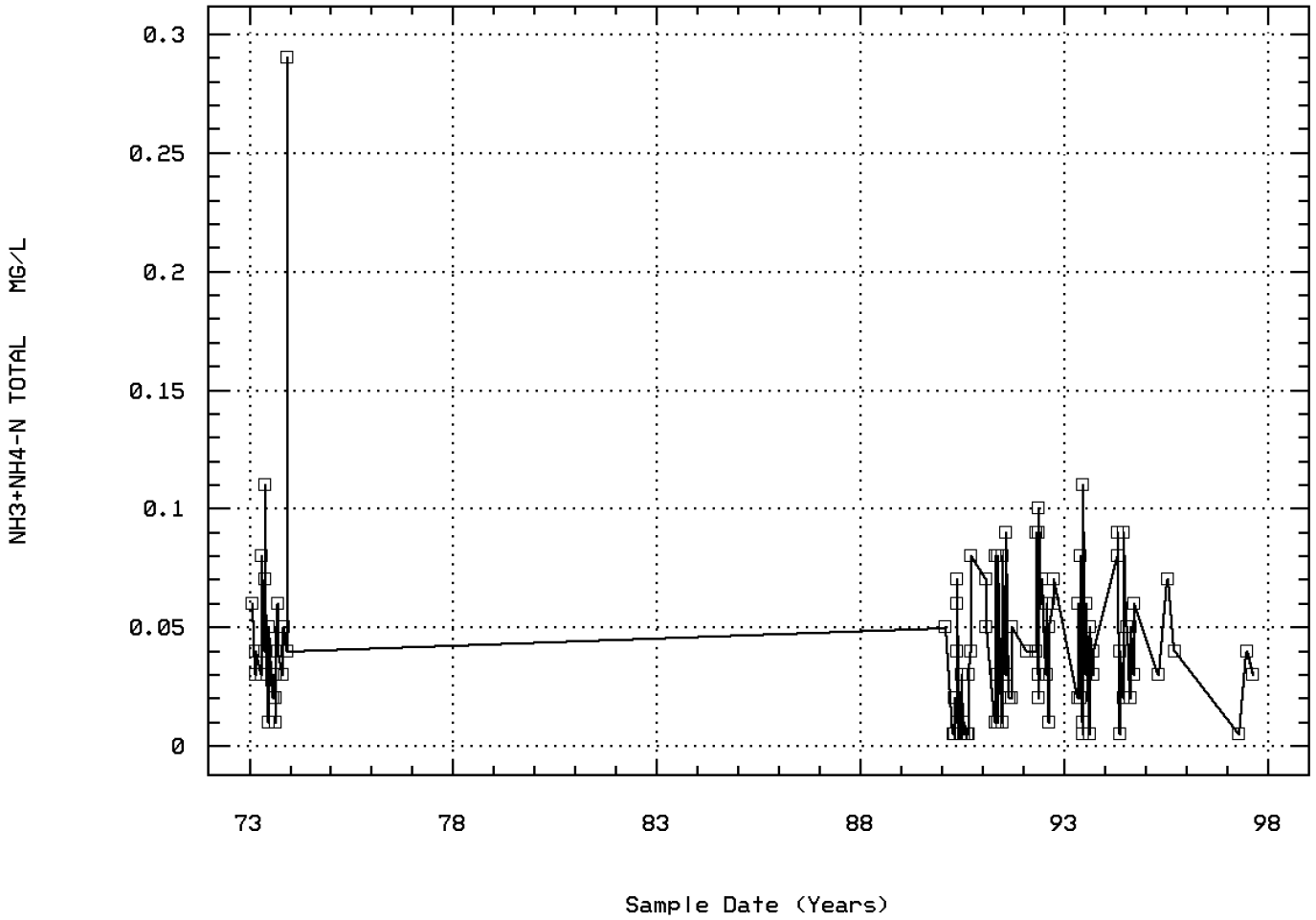
NITROGEN, ORGANIC, TOTAL (MG/L AS N)



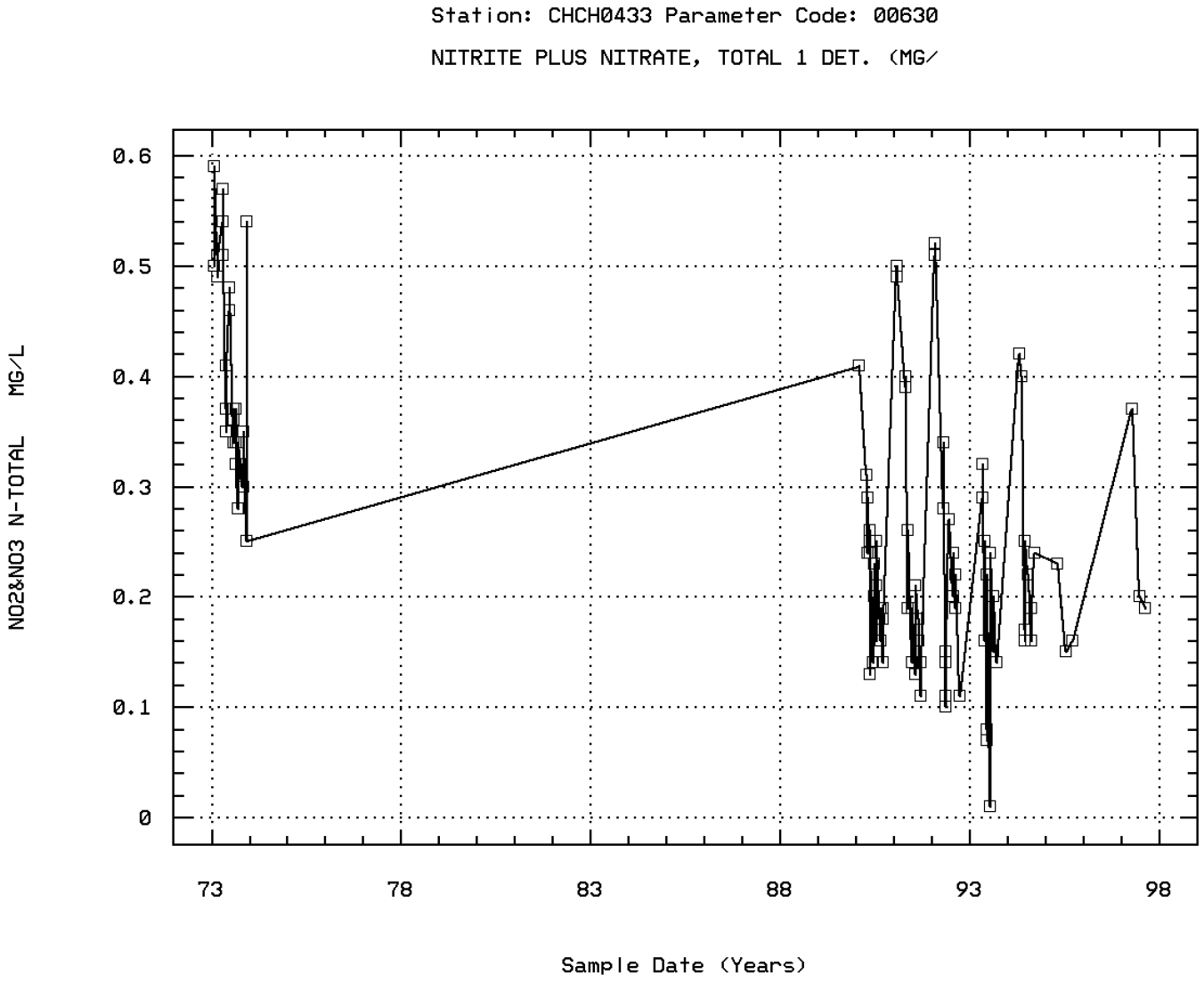
CHICKAMAUGA RES. AT LIGHTED BUOY

Station: CHCH0433 Parameter Code: 00610

NITROGEN, AMMONIA, TOTAL (MG/L AS N)



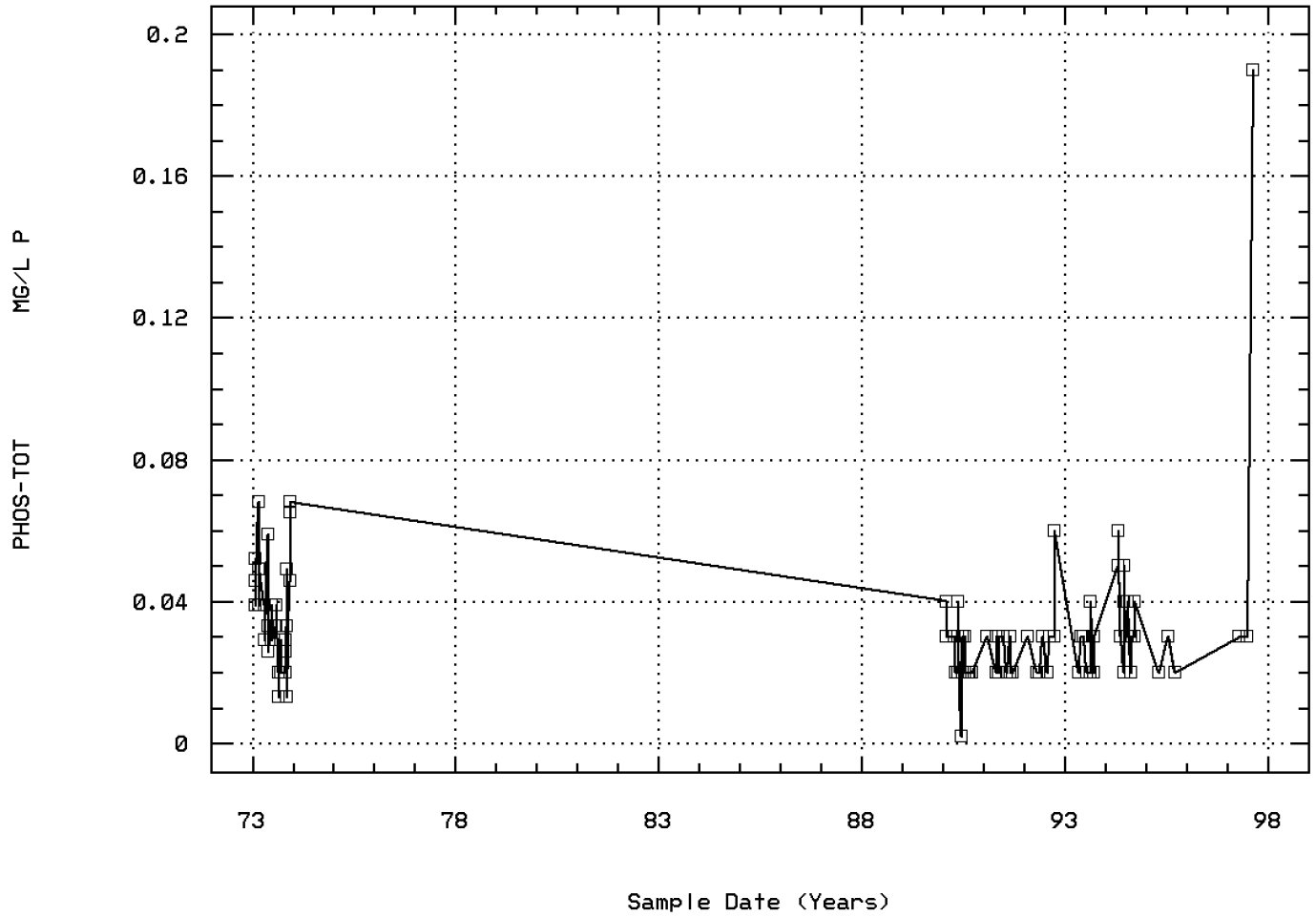
CHICKAMAUGA RES. AT LIGHTED BUOY



CHICKAMAUGA RES. AT LIGHTED BUOY

Station: CHCH0433 Parameter Code: 00665

PHOSPHORUS, TOTAL (MG/L AS P)



CHICKAMAUGA RES. AT LIGHTED BUOY

Annual Analysis for 1960 - Station CHCH0433

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/12/60-09/16/97	60	20.	20.983	55.	1.	370.423	19.246	1.	1.	40.	50.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/60-09/16/97	49	24.2	21.584	29.1	8.9	40.777	6.386	8.9	18.15	25.5	27.2
00080	COLOR (PLATINUM-COBALT UNITS)	07/12/60-09/12/94	13	10.	11.154	15.	5.	8.974	2.996	7.	10.	15.	15.
00300	OXYGEN, DISSOLVED MG/L	07/12/60-09/16/97	49	6.7	6.904	10.3	3.5	4.028	2.007	3.9	5.35	8.35	10.2
00400	PH (STANDARD UNITS)	07/12/60-09/16/97	45	7.6	7.704	8.3	7.4	0.052	0.229	7.46	7.6	7.85	8.1
00400	CONVERTED PH (STANDARD UNITS)	07/12/60-09/16/97	45	7.6	7.655	8.3	7.4	0.055	0.234	7.46	7.6	7.85	8.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/12/60-09/16/97	45	0.025	0.022	0.04	0.005	0.	0.009	0.008	0.014	0.025	0.035
01045	IRON, TOTAL (UG/L AS FE)	07/12/60-10/18/88	13	240.	235.769	440.	25.	19499.359	139.64	43.	100.	360.	432.
01046	IRON, DISSOLVED (UG/L AS FE)	07/12/60-10/18/88	13 ##	25.	28.846	60.	25.	104.808	10.238	25.	25.	25.	52.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1961 - Station CHCH0433

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/12/60-09/16/97	50	15.	20.04	60.	1.	346.692	18.62	1.	1.	40.	50.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/60-09/16/97	42	13.65	13.89	26.2	6.	40.661	6.377	6.	8.3	19.85	23.37
00080	COLOR (PLATINUM-COBALT UNITS)	07/12/60-09/12/94	12	15.	14.583	20.	10.	6.629	2.575	10.	15.	15.	18.5
00300	OXYGEN, DISSOLVED MG/L	07/12/60-09/16/97	42	9.95	9.807	12.1	5.	3.084	1.756	7.95	8.75	11.4	12.07
00400	PH (STANDARD UNITS)	07/12/60-09/16/97	26	7.95	7.992	8.8	7.3	0.127	0.357	7.5	7.8	8.1	8.66
00400	CONVERTED PH (STANDARD UNITS)	07/12/60-09/16/97	26	7.947	7.872	8.8	7.3	0.142	0.377	7.5	7.8	8.1	8.66
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/12/60-09/16/97	26	0.011	0.013	0.05	0.002	0.	0.01	0.002	0.008	0.016	0.032
01045	IRON, TOTAL (UG/L AS FE)	07/12/60-10/18/88	12	260.	523.75	1900.	25.	380023.295	616.46	41.5	127.5	737.5	1810.
01046	IRON, DISSOLVED (UG/L AS FE)	07/12/60-10/18/88	12 ##	25.	46.25	160.	25.	2041.477	45.183	25.	25.	43.75	148.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1973 - Station CHCH0433

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/12/60-09/16/97	79	20.	22.127	60.	1.	313.599	17.709	1.	5.	40.	50.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/60-09/16/97	79	18.4	18.139	26.6	6.5	44.356	6.66	7.	13.7	24.9	25.7
00080	COLOR (PLATINUM-COBALT UNITS)	07/12/60-09/12/94	35	10.	15.143	50.	5.	134.538	11.599	5.	10.	15.	32.
00300	OXYGEN, DISSOLVED MG/L	07/12/60-09/16/97	79	7.4	7.947	12.1	5.7	3.917	1.979	5.8	6.5	9.2	10.7
00400	PH (STANDARD UNITS)	07/12/60-09/16/97	35	7.2	7.214	7.9	6.7	0.094	0.307	6.8	6.9	7.5	7.6
00400	CONVERTED PH (STANDARD UNITS)	07/12/60-09/16/97	35	7.2	7.116	7.9	6.7	0.104	0.323	6.8	6.9	7.5	7.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/12/60-09/16/97	35	0.063	0.077	0.2	0.013	0.003	0.05	0.025	0.032	0.126	0.158
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/23/73-09/12/94	35	10.	13.8	73.	5.	137.576	11.729	6.	8.	18.	24.4
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/23/73-08/12/97	33	0.13	0.131	0.35	0.015	0.005	0.074	0.017	0.095	0.17	0.216
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/23/73-08/12/97	34	0.04	0.051	0.29	0.01	0.002	0.047	0.02	0.03	0.06	0.08
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/23/73-08/12/97	34	0.37	0.407	0.59	0.25	0.011	0.106	0.29	0.32	0.51	0.555
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/23/73-08/12/97	34	0.033	0.036	0.068	0.013	0.	0.015	0.02	0.026	0.046	0.062
01045	IRON, TOTAL (UG/L AS FE)	07/12/60-10/18/88	35	660.	817.429	2200.	380.	229725.546	479.297	412.	500.	900.	1740.
01046	IRON, DISSOLVED (UG/L AS FE)	07/12/60-10/18/88	35	70.	73.	160.	25.	1734.118	41.643	25.	25.	110.	134.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station CHCH0433

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/12/60-09/16/97	319	22.	25.367	60.	1.	267.849	16.366	5.	11.	40.	50.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/60-09/16/97	319	25.6	25.532	31.2	19.4	6.746	2.597	21.5	24.1	27.7	28.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/86-09/16/97	306	212.	212.353	236.	195.	80.583	8.977	200.	207.	217.	226.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station CHCH0433

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300	OXYGEN, DISSOLVED MG/L	07/12/60-09/16/97	319	5.	4.812	9.8	0.03	4.964	2.228	1.5	3.3	6.3	7.6
00400	PH (STANDARD UNITS)	07/12/60-09/16/97	309	7.3	7.498	8.7	6.9	0.205	0.452	7.	7.2	7.75	8.3
00400	CONVERTED PH (STANDARD UNITS)	07/12/60-09/16/97	309	7.3	7.332	8.7	6.9	0.232	0.482	7.	7.2	7.75	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/12/60-09/16/97	309	0.05	0.047	0.126	0.002	0.001	0.032	0.005	0.018	0.063	0.1
01045	IRON, TOTAL (UG/L AS FE)	07/12/60-10/18/88	18	105.	131.667	420.	10.	11367.647	106.619	19.	47.5	185.	321.
01046	IRON, DISSOLVED (UG/L AS FE)	07/12/60-10/18/88	18 ##	5.	8.333	40.	5.	76.471	8.745	5.	5.	6.25	22.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station CHCH0433

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/12/60-09/16/97	397	25.	27.32	55.	1.	282.991	16.822	5.	12.	43.5	50.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/60-09/16/97	396	25.	23.872	30.9	15.4	13.44	3.666	18.3	21.	26.7	28.1
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/86-09/16/97	340	209.	206.253	242.	168.	362.496	19.039	174.	195.25	222.	230.
00300	OXYGEN, DISSOLVED MG/L	07/12/60-09/16/97	396	6.1	5.719	12.2	0.01	6.93	2.633	1.7	4.3	7.5	8.9
00400	PH (STANDARD UNITS)	07/12/60-09/16/97	396	7.5	7.58	8.9	6.9	0.188	0.434	7.1	7.3	7.8	8.2
00400	CONVERTED PH (STANDARD UNITS)	07/12/60-09/16/97	396	7.5	7.42	8.9	6.9	0.214	0.462	7.1	7.3	7.8	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/12/60-09/16/97	396	0.032	0.038	0.126	0.001	0.001	0.029	0.006	0.016	0.05	0.079
01045	IRON, TOTAL (UG/L AS FE)	07/12/60-10/18/88	20	95.	118.75	400.	5.	12341.776	111.094	11.	32.5	155.	344.
01046	IRON, DISSOLVED (UG/L AS FE)	07/12/60-10/18/88	20 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station CHCH0433

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/12/60-09/16/97	235	23.	25.979	59.	1.	340.055	18.441	3.	8.	44.	52.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/60-09/16/97	204	25.8	23.077	28.7	8.3	32.352	5.688	14.3	19.	27.3	27.7
00080	COLOR (PLATINUM-COBALT UNITS)	07/12/60-09/12/94	26	20.	17.769	30.	2.	71.785	8.473	8.5	10.	25.	30.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/86-09/16/97	204	167.	159.221	192.	119.	490.35	22.144	124.	134.	176.	182.
00300	OXYGEN, DISSOLVED MG/L	07/12/60-09/16/97	204	6.6	7.069	11.4	2.8	3.717	1.928	5.2	5.6	8.175	10.15
00400	PH (STANDARD UNITS)	07/12/60-09/16/97	204	7.4	7.462	8.7	6.8	0.081	0.284	7.1	7.3	7.6	7.8
00400	CONVERTED PH (STANDARD UNITS)	07/12/60-09/16/97	204	7.4	7.385	8.7	6.8	0.087	0.295	7.1	7.3	7.6	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/12/60-09/16/97	204	0.04	0.041	0.158	0.002	0.001	0.024	0.016	0.025	0.05	0.079
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/23/73-09/12/94	26	4.5	4.769	8.	2.	2.745	1.657	3.	3.	6.	7.3
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/23/73-08/12/97	26	0.17	0.208	0.48	0.01	0.013	0.113	0.105	0.14	0.258	0.422
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/23/73-08/12/97	26	0.02	0.027	0.08	0.005	0.001	0.024	0.005	0.005	0.043	0.07
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/23/73-08/12/97	26	0.22	0.222	0.41	0.13	0.006	0.075	0.13	0.16	0.253	0.34
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/23/73-08/12/97	26	0.02	0.024	0.04	0.002	0.	0.008	0.02	0.02	0.03	0.033
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/24/90-09/12/94	26	0.007	0.006	0.01	0.002	0.	0.003	0.003	0.004	0.009	0.01
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/24/90-09/12/94	26	1.9	1.892	2.4	0.9	0.121	0.347	1.39	1.8	2.1	2.26

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station CHCH0433

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/12/60-09/16/97	98	20.	24.582	57.	1.	327.442	18.095	2.	6.5	42.25	51.1
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/60-09/16/97	78	26.75	22.519	29.9	7.9	46.598	6.826	8.	17.4	27.3	28.06
00080	COLOR (PLATINUM-COBALT UNITS)	07/12/60-09/12/94	12	10.	10.417	15.	5.	20.265	4.502	5.	5.	15.	15.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/86-09/16/97	78	161.5	159.064	182.	137.	237.308	15.405	139.	141.	177.	181.
00300	OXYGEN, DISSOLVED MG/L	07/12/60-09/16/97	78	6.35	6.932	11.1	3.	4.904	2.214	3.99	5.375	9.125	10.22

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station CHCH0433

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	07/12/60-09/16/97	77	7.5	7.46	8.2	7.	0.072	0.269	7.1	7.25	7.7	7.8
00400	CONVERTED PH (STANDARD UNITS)	07/12/60-09/16/97	77	7.5	7.382	8.2	7.	0.079	0.28	7.1	7.25	7.7	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/12/60-09/16/97	77	0.032	0.042	0.1	0.006	0.001	0.025	0.016	0.02	0.057	0.079
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/23/73-09/12/94	18	4.	4.722	11.	0.5	9.124	3.021	0.5	3.	7.	10.1
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/23/73-08/12/97	18	0.24	0.212	0.37	0.03	0.009	0.096	0.048	0.14	0.295	0.316
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/23/73-08/12/97	18	0.04	0.046	0.09	0.01	0.001	0.031	0.01	0.018	0.08	0.081
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/23/73-08/12/97	18	0.19	0.244	0.5	0.11	0.015	0.121	0.128	0.155	0.293	0.491
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/23/73-08/12/97	18	0.025	0.025	0.03	0.02	0.	0.005	0.02	0.02	0.03	0.03
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/24/90-09/12/94	18	0.007	0.008	0.02	0.001	0.	0.005	0.004	0.004	0.01	0.02
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/24/90-09/12/94	18	1.8	1.839	2.	1.7	0.007	0.085	1.7	1.8	1.9	2.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station CHCH0433

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/12/60-09/16/97	92	20.	24.674	56.	1.	306.156	17.497	3.	8.5	43.	49.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/60-09/16/97	81	22.7	20.807	28.	6.8	47.236	6.873	6.8	17.75	26.65	27.18
00080	COLOR (PLATINUM-COBALT UNITS)	07/12/60-09/12/94	18	10.	11.111	15.	10.	4.575	2.139	10.	10.	11.25	15.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/86-09/16/97	81	168.	171.148	194.	155.	99.153	9.958	160.	165.	174.5	191.8
00300	OXYGEN, DISSOLVED MG/L	07/12/60-09/16/97	81	6.4	7.11	11.5	2.8	5.392	2.322	4.92	5.4	8.5	11.3
00400	PH (STANDARD UNITS)	07/12/60-09/16/97	81	7.4	7.491	8.6	7.	0.076	0.275	7.3	7.35	7.5	7.8
00400	CONVERTED PH (STANDARD UNITS)	07/12/60-09/16/97	81	7.4	7.426	8.6	7.	0.08	0.283	7.3	7.35	7.5	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/12/60-09/16/97	81	0.04	0.038	0.1	0.003	0.	0.019	0.016	0.032	0.045	0.05
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/23/73-09/12/94	18	4.	4.389	7.	2.	1.546	1.243	2.9	3.75	5.	6.1
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/23/73-08/12/97	18	0.185	0.232	0.52	0.08	0.012	0.108	0.098	0.178	0.293	0.385
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/23/73-08/12/97	18	0.055	0.054	0.1	0.01	0.001	0.027	0.019	0.03	0.075	0.091
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/23/73-08/12/97	18	0.195	0.223	0.52	0.1	0.016	0.128	0.109	0.11	0.273	0.511
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/23/73-08/12/97	18	0.02	0.026	0.06	0.02	0.	0.01	0.02	0.02	0.03	0.033
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/24/90-09/12/94	18	0.008	0.008	0.02	0.002	0.	0.005	0.003	0.005	0.01	0.02
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/24/90-09/12/94	18	2.2	2.144	2.3	1.8	0.026	0.162	1.8	2.075	2.3	2.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station CHCH0433

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/12/60-09/16/97	102	20.	24.52	61.	1.	336.074	18.332	3.	7.75	40.75	52.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/60-09/16/97	88	25.75	24.539	31.7	15.1	19.343	4.398	16.09	22.575	27.3	29.24
00080	COLOR (PLATINUM-COBALT UNITS)	07/12/60-09/12/94	16	5.	5.969	10.	0.5	7.016	2.649	3.65	5.	8.75	10.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/86-09/16/97	88	178.5	177.602	192.	162.	63.185	7.949	166.9	171.	183.75	188.
00300	OXYGEN, DISSOLVED MG/L	07/12/60-09/16/97	88	6.45	6.502	11.5	0.02	7.542	2.746	2.55	5.025	9.	9.72
00400	PH (STANDARD UNITS)	07/12/60-09/16/97	88	7.5	7.598	8.8	6.8	0.323	0.568	6.9	7.125	7.9	8.41
00400	CONVERTED PH (STANDARD UNITS)	07/12/60-09/16/97	88	7.5	7.316	8.8	6.8	0.403	0.635	6.9	7.125	7.9	8.41
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/12/60-09/16/97	88	0.032	0.048	0.158	0.002	0.002	0.048	0.004	0.013	0.075	0.126
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/23/73-09/12/94	16	4.5	6.063	17.	3.	12.996	3.605	3.	4.	7.	12.8
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/23/73-08/12/97	16	0.125	0.14	0.31	0.02	0.007	0.082	0.048	0.09	0.168	0.296
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/23/73-08/12/97	16	0.035	0.047	0.11	0.005	0.001	0.038	0.005	0.013	0.075	0.11
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/23/73-08/12/97	16	0.18	0.174	0.32	0.01	0.007	0.086	0.052	0.095	0.235	0.299
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/23/73-08/12/97	16	0.03	0.027	0.04	0.02	0.	0.006	0.02	0.02	0.03	0.033
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/24/90-09/12/94	16	0.006	0.006	0.02	0.001	0.	0.005	0.001	0.002	0.008	0.013
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/24/90-09/12/94	16	1.9	1.95	2.3	1.7	0.045	0.213	1.7	1.8	2.15	2.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station CHCH0433

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/12/60-09/16/97	90	26.	28.789	58.	1.	376.034	19.392	5.	13.	49.	52.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/60-09/16/97	78	25.2	23.314	27.2	15.4	16.747	4.092	15.4	19.6	26.2	26.6
00080	COLOR (PLATINUM-COBALT UNITS)	07/12/60-09/12/94	16	10.	11.25	20.	10.	8.333	2.887	10.	10.	10.	16.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/86-09/16/97	78	152.5	148.833	167.	122.	152.972	12.368	123.	147.	154.25	164.
00300	OXYGEN, DISSOLVED MG/L	07/12/60-09/16/97	78	6.3	7.264	10.4	4.4	3.166	1.779	5.69	6.	8.5	10.3
00400	PH (STANDARD UNITS)	07/12/60-09/16/97	78	7.3	7.426	8.1	7.1	0.063	0.251	7.2	7.3	7.5	7.9
00400	CONVERTED PH (STANDARD UNITS)	07/12/60-09/16/97	78	7.3	7.369	8.1	7.1	0.066	0.258	7.2	7.3	7.5	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/12/60-09/16/97	78	0.05	0.043	0.079	0.008	0.	0.018	0.013	0.032	0.05	0.063
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/23/73-09/12/94	16	7.	8.563	18.	3.	33.996	5.831	3.	3.25	15.5	17.3
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/23/73-08/12/97	16	0.205	0.211	0.32	0.15	0.002	0.049	0.15	0.173	0.238	0.299
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/23/73-08/12/97	16	0.05	0.05	0.09	0.005	0.001	0.03	0.016	0.02	0.087	0.09
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/23/73-08/12/97	16	0.24	0.26	0.42	0.16	0.009	0.095	0.16	0.175	0.363	0.42
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/23/73-08/12/97	16	0.03	0.035	0.06	0.02	0.	0.013	0.02	0.023	0.048	0.053
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/24/90-09/12/94	16	0.01	0.009	0.02	0.003	0.	0.005	0.003	0.005	0.01	0.02
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/24/90-09/12/94	16	1.8	1.813	1.9	1.6	0.009	0.096	1.67	1.725	1.9	1.9

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station CHCH0433

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/12/60-09/16/97	62	26.	27.64	59.	0.7	323.939	17.998	5.	13.	46.	52.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/60-09/16/97	56	25.6	24.818	30.1	16.2	17.355	4.166	17.89	22.4	28.4	29.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/86-09/16/97	56	169.	174.25	197.	155.	184.409	13.58	157.7	162.25	188.	191.3
00300	OXYGEN, DISSOLVED MG/L	07/12/60-09/16/97	56	5.85	6.021	9.7	0.8	3.503	1.872	3.84	5.175	7.2	8.26
00400	PH (STANDARD UNITS)	07/12/60-09/16/97	56	7.34	7.432	8.38	6.94	0.095	0.309	7.089	7.24	7.613	7.877
00400	CONVERTED PH (STANDARD UNITS)	07/12/60-09/16/97	56	7.34	7.344	8.38	6.94	0.103	0.321	7.089	7.24	7.613	7.877
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/12/60-09/16/97	56	0.046	0.045	0.115	0.004	0.001	0.026	0.013	0.024	0.058	0.082
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/23/73-08/12/97	3	0.3	0.4	0.67	0.23	0.056	0.236	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/23/73-08/12/97	3	0.04	0.047	0.07	0.03	0.	0.021	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/23/73-08/12/97	3	0.16	0.18	0.23	0.15	0.002	0.044	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/23/73-08/12/97	3	0.02	0.023	0.03	0.02	0.	0.006	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1997 - Station CHCH0433

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/12/60-09/16/97	68	26.	27.206	59.	1.	341.658	18.484	4.6	13.	46.	52.2
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/60-09/16/97	62	26.	23.044	29.9	15.5	20.35	4.511	16.	18.7	27.1	27.67
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/86-09/16/97	62	167.	159.694	185.	134.	377.954	19.441	134.	136.	178.	185.
00300	OXYGEN, DISSOLVED MG/L	07/12/60-09/16/97	62	7.6	7.463	10.4	4.6	3.157	1.777	5.1	5.9	9.	10.
00400	PH (STANDARD UNITS)	07/12/60-09/16/97	62	7.5	7.604	8.49	7.26	0.078	0.279	7.343	7.42	7.76	7.88
00400	CONVERTED PH (STANDARD UNITS)	07/12/60-09/16/97	62	7.5	7.538	8.49	7.26	0.082	0.287	7.343	7.42	7.76	7.88
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/12/60-09/16/97	62	0.032	0.029	0.055	0.003	0.	0.013	0.013	0.017	0.038	0.045
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/23/73-08/12/97	3	0.23	0.207	0.3	0.09	0.011	0.107	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/23/73-08/12/97	3	0.03	0.025	0.04	0.005	0.	0.018	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/23/73-08/12/97	3	0.2	0.253	0.37	0.19	0.01	0.101	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/23/73-08/12/97	3	0.03	0.083	0.19	0.03	0.009	0.092	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 6/01 to 10/31 - Station CHCH0433

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/12/60-09/16/97	1158	25.	26.073	61.	1.	313.444	17.704	3.	10.	41.5	51.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/60-09/16/97	1086	26.1	25.905	31.7	17.2	5.506	2.347	22.77	24.8	27.5	28.5
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/30/86-09/16/97	65	1.5	1.629	5.	0.75	0.29	0.539	1.238	1.345	1.81	2.13
00080p	COLOR (PLATINUM-COBALT UNITS)	07/12/60-09/12/94	79	10.	10.348	25.	0.5	18.201	4.266	5.	10.	10.	15.
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	01/23/73-01/24/92	36	25.	23.667	40.	5.	73.143	8.552	15.	20.	28.75	40.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/86-09/16/97	991	200.	195.21	242.	134.	576.754	24.016	162.	174.	213.	225.
00300p	OXYGEN, DISSOLVED MG/L	07/12/60-09/16/97	1086	5.8	5.412	10.1	0.01	4.318	2.078	2.17	4.5	6.7	7.8
00400p	PH (STANDARD UNITS)	07/12/60-09/16/97	1065	7.4	7.5	8.9	6.7	0.157	0.397	7.1	7.2	7.7	8.1
00400p	CONVERTED PH (STANDARD UNITS)	07/12/60-09/16/97	1065	7.4	7.366	8.9	6.7	0.175	0.419	7.1	7.2	7.7	8.1
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/12/60-09/16/97	1065	0.04	0.043	0.2	0.001	0.001	0.03	0.008	0.02	0.063	0.079
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/12/60-09/13/90	31	51.	53.194	70.	45.	42.495	6.519	46.2	49.	59.	61.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/23/73-09/12/94	68	5.	7.412	24.	2.	25.559	5.056	3.	4.	9.	17.
00605p	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/23/73-08/12/97	71	0.18	0.196	0.48	0.01	0.007	0.084	0.094	0.15	0.25	0.308
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/23/73-08/12/97	71	0.03	0.04	0.11	0.005	0.001	0.028	0.005	0.02	0.06	0.088
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/23/73-08/12/97	71	0.2	0.218	0.48	0.01	0.008	0.092	0.114	0.16	0.25	0.34
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	01/23/73-08/12/97	71	0.029	0.029	0.19	0.002	0.	0.021	0.02	0.02	0.03	0.04
00916	CALCIUM, TOTAL (MG/L AS CA)	07/12/60-10/18/88	31	22.	20.903	26.	18.	4.024	2.006	18.	19.	22.	23.
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/12/60-10/18/88	31	5.1	5.181	8.5	3.9	0.821	0.906	4.02	4.6	5.8	6.
01045p	IRON, TOTAL (UG/L AS FE)	07/12/60-10/18/88	65	150.	261.462	1800.	5.	92605.252	304.311	25.	70.	390.	566.
01046p	IRON, DISSOLVED (UG/L AS FE)	07/12/60-10/18/88	65 ##	5.	18.538	100.	5.	368.534	19.197	5.	5.	25.	50.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/23/73-07/12/94	31 ##	5.	5.161	10.	5.	0.806	0.898	5.	5.	5.	5.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/23/73-07/12/94	31 ##	0.699	0.709	1.	0.699	0.003	0.054	0.699	0.699	0.699	0.699
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			5.113								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/24/90-09/16/97	38	8.	9.105	24.	4.	19.232	4.385	4.	6.	11.25	14.3
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	01/24/90-09/16/97	37 ##	0.5	0.703	2.	0.5	0.104	0.322	0.5	0.5	1.	1.
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	01/24/90-09/16/97	37	1.	1.162	3.	0.5	0.279	0.528	0.5	1.	1.	2.
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/24/90-09/16/97	37	2.	1.784	5.	0.5	1.091	1.044	0.5	1.	2.	3.
46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	07/12/60-10/18/88	31	76.	73.548	92.	61.	55.389	7.442	61.6	69.	78.	81.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 2/29 - Station CHCH0433

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/12/60-09/16/97	88	20.	23.057	52.	1.	287.847	16.966	1.	5.	40.	49.1
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/60-09/16/97	83	8.3	9.118	16.9	6.	10.439	3.231	6.5	6.8	8.9	13.86
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/30/86-09/16/97	3	1.5	1.34	1.64	0.88	0.164	0.404	**	**	**	**
00080p	COLOR (PLATINUM-COBALT UNITS)	07/12/60-09/12/94	26	15.	16.731	50.	5.	161.885	12.723	8.5	10.	15.	50.
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	01/23/73-01/24/92	18	25.	37.222	100.	10.	962.418	31.023	10.	18.75	45.	100.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/86-09/16/97	30	168.	167.	182.	146.	169.379	13.015	149.	151.	181.	182.
00300p	OXYGEN, DISSOLVED MG/L	07/12/60-09/16/97	83	10.7	10.455	12.1	7.4	1.683	1.297	8.64	9.9	11.4	12.
00400p	PH (STANDARD UNITS)	07/12/60-09/16/97	52	7.5	7.465	7.8	6.8	0.086	0.293	6.9	7.4	7.7	7.8
00400p	CONVERTED PH (STANDARD UNITS)	07/12/60-09/16/97	52	7.5	7.348	7.8	6.8	0.1	0.316	6.9	7.4	7.7	7.8
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/12/60-09/16/97	52	0.032	0.045	0.158	0.016	0.002	0.041	0.016	0.02	0.04	0.126
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/12/60-09/13/90	20	48.	47.65	56.	39.	23.292	4.826	39.	46.	50.5	55.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/23/73-09/12/94	18	8.	9.833	25.	0.5	58.706	7.662	0.5	4.5	14.5	25.
00605p	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/23/73-08/12/97	17	0.1	0.113	0.22	0.015	0.005	0.073	0.015	0.04	0.18	0.212
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/23/73-08/12/97	18	0.05	0.061	0.29	0.03	0.003	0.058	0.03	0.04	0.06	0.092
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/23/73-08/12/97	18	0.495	0.446	0.59	0.25	0.012	0.111	0.25	0.338	0.513	0.59
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	01/23/73-08/12/97	18	0.04	0.042	0.068	0.013	0.	0.015	0.028	0.03	0.05	0.068
00916	CALCIUM, TOTAL (MG/L AS CA)	07/12/60-10/18/88	20	19.	19.15	23.	16.	4.871	2.207	16.1	17.	21.	22.9
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/12/60-10/18/88	20	4.5	4.7	6.5	4.	0.568	0.754	4.01	4.1	4.925	6.4
01045p	IRON, TOTAL (UG/L AS FE)	07/12/60-10/18/88	20	430.	696.	1800.	190.	268835.789	518.494	252.	337.5	875.	1700.
01046p	IRON, DISSOLVED (UG/L AS FE)	07/12/60-10/18/88	20	70.	71.25	160.	25.	2278.618	47.735	25.	25.	117.5	139.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/23/73-07/12/94	6 ##	5.	81.667	440.	5.	30916.667	175.831	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/23/73-07/12/94	6 ##	0.699	1.153	2.643	0.699	0.63	0.794	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			14.215								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 2/29 - Station CHCH0433

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/24/90-09/16/97	4	3.	3.	5.	1.	3.333	1.826	**	**	**	**
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	01/24/90-09/16/97	4	1.	0.875	1.	0.5	0.063	0.25	**	**	**	**
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	01/24/90-09/16/97	4	1.	0.875	1.	0.5	0.063	0.25	**	**	**	**
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/24/90-09/16/97	4	1.	1.25	2.	1.	0.25	0.5	**	**	**	**
46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	07/12/60-10/18/88	20	65.5	67.15	80.	57.	53.713	7.329	57.2	61.	73.	79.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

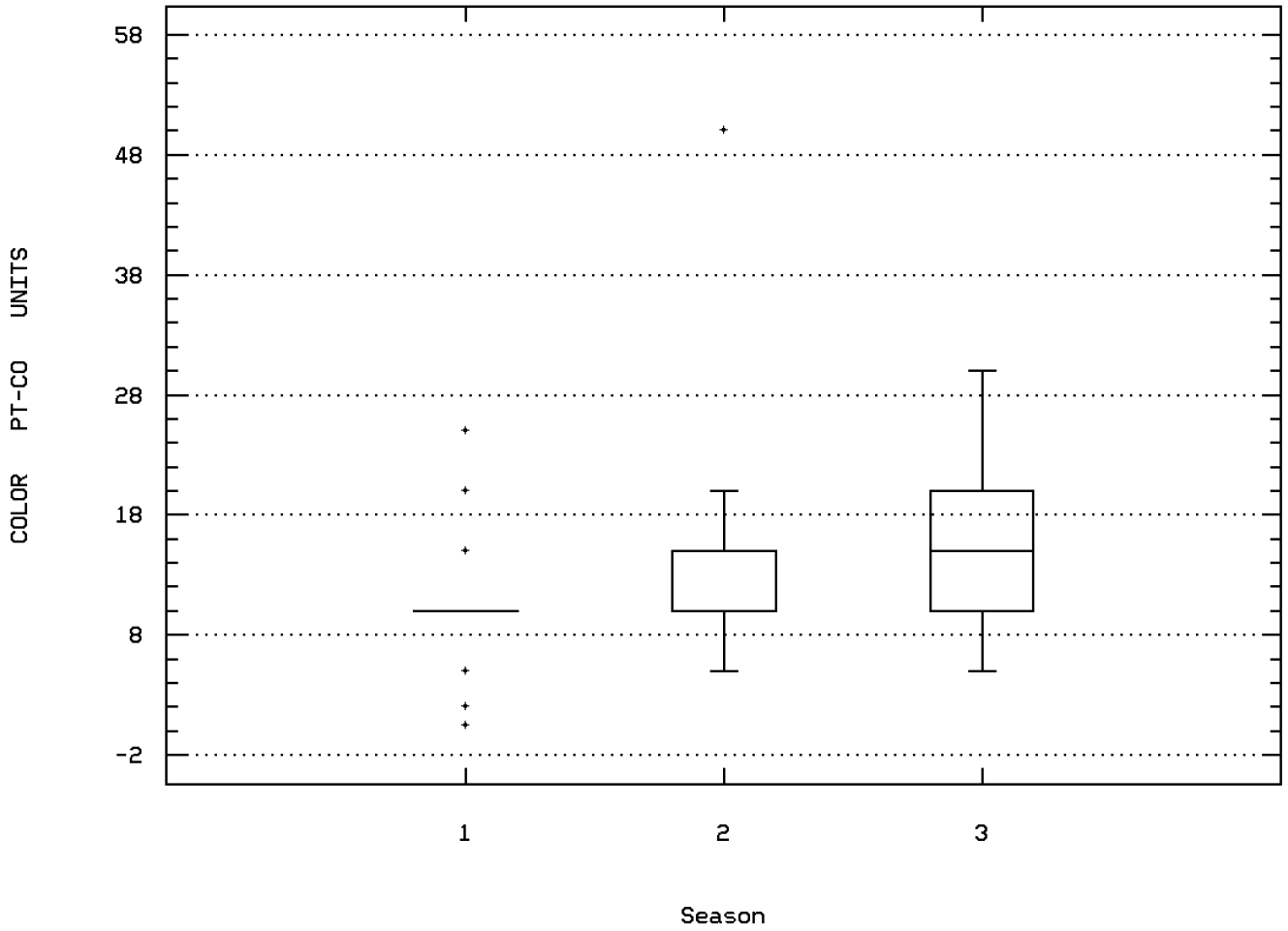
Seasonal Analysis for Season #3: 3/01 to 5/31 - Station CHCH0433

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/12/60-09/16/97	406	23.5	25.036	60.	0.7	315.548	17.764	2.7	10.	40.	50.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/60-09/16/97	363	18.8	18.535	25.6	11.3	8.34	2.888	14.3	16.1	20.5	22.5
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/30/86-09/16/97	19	1.25	1.245	1.63	0.92	0.052	0.228	1.	1.02	1.38	1.63
00080p	COLOR (PLATINUM-COBALT UNITS)	07/12/60-09/12/94	43	15.	15.349	30.	5.	54.042	7.351	5.	10.	20.	28.
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	01/23/73-01/24/92	21	33.	35.048	60.	10.	267.848	16.366	11.	24.	50.	60.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/86-09/16/97	272	158.	155.482	212.	119.	505.092	22.474	123.	134.	173.	176.7
00300p	OXYGEN, DISSOLVED MG/L	07/12/60-09/16/97	363	8.5	8.071	12.2	1.1	4.137	2.034	5.24	6.9	9.7	10.2
00400p	PH (STANDARD UNITS)	07/12/60-09/16/97	340	7.6	7.613	8.9	6.8	0.167	0.409	7.151	7.3	7.84	8.236
00400p	CONVERTED PH (STANDARD UNITS)	07/12/60-09/16/97	340	7.6	7.456	8.9	6.8	0.192	0.438	7.151	7.3	7.84	8.236
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/12/60-09/16/97	340	0.025	0.035	0.158	0.001	0.001	0.028	0.006	0.014	0.05	0.071
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/12/60-09/13/90	17	46.	44.882	48.	41.	4.985	2.233	41.	43.	46.5	48.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/23/73-09/12/94	43	5.	7.535	73.	2.	113.588	10.658	3.	4.	7.	11.
00605p	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/23/73-08/12/97	45	0.16	0.206	0.67	0.02	0.018	0.133	0.082	0.115	0.27	0.386
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/23/73-08/12/97	45	0.04	0.046	0.11	0.005	0.001	0.032	0.008	0.02	0.08	0.09
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/23/73-08/12/97	45	0.26	0.284	0.57	0.1	0.015	0.124	0.13	0.19	0.38	0.456
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	01/23/73-08/12/97	45	0.029	0.028	0.06	0.02	0.	0.01	0.02	0.02	0.03	0.039
00916	CALCIUM, TOTAL (MG/L AS CA)	07/12/60-10/18/88	13	18.	17.308	18.	15.	1.231	1.109	15.	17.	18.	18.
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/12/60-10/18/88	13	4.	3.938	4.5	3.	0.238	0.487	3.	3.75	4.25	4.5
01045p	IRON, TOTAL (UG/L AS FE)	07/12/60-10/18/88	13	770.	906.923	2200.	80.	399056.41	631.709	96.	580.	1260.	2080.
01046p	IRON, DISSOLVED (UG/L AS FE)	07/12/60-10/18/88	13	100.	85.	160.	25.	2004.167	44.768	25.	37.5	115.	152.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/23/73-07/12/94	19 ##	5.	13.158	140.	5.	956.14	30.922	5.	5.	5.	20.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/23/73-07/12/94	19 ##	0.699	0.823	2.146	0.699	0.125	0.354	0.699	0.699	0.699	1.301
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			6.648								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/24/90-09/16/97	25	9.	8.84	21.	2.	26.307	5.129	2.	4.5	12.	17.2
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	01/24/90-09/16/97	25 ##	0.5	0.94	4.	0.5	0.59	0.768	0.5	0.5	1.	2.
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	01/24/90-09/16/97	25	1.	1.56	5.	0.5	0.903	0.95	0.8	1.	2.	2.4
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/24/90-09/16/97	25	1.	1.84	6.	0.5	2.161	1.47	0.5	0.75	2.5	4.4
46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	07/12/60-10/18/88	13	59.	59.308	63.	56.	6.231	2.496	56.	57.	61.5	62.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: CHCH0433 Parameter Code: 00080

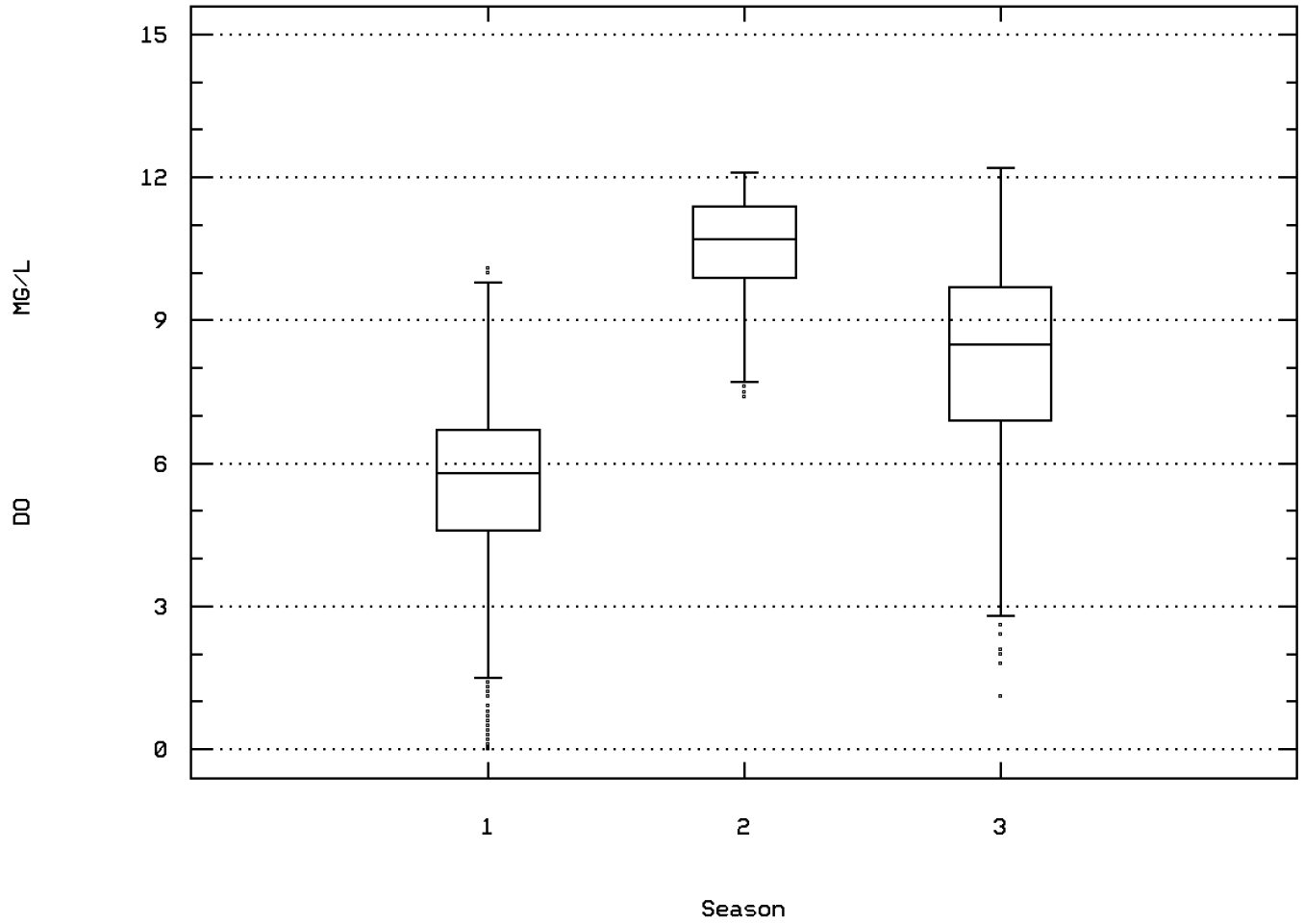
COLOR (PLATINUM-COBALT UNITS)



CHICKAMAUGA RES. AT LIGHTED BUOY

Station: CHCH0433 Parameter Code: 00300

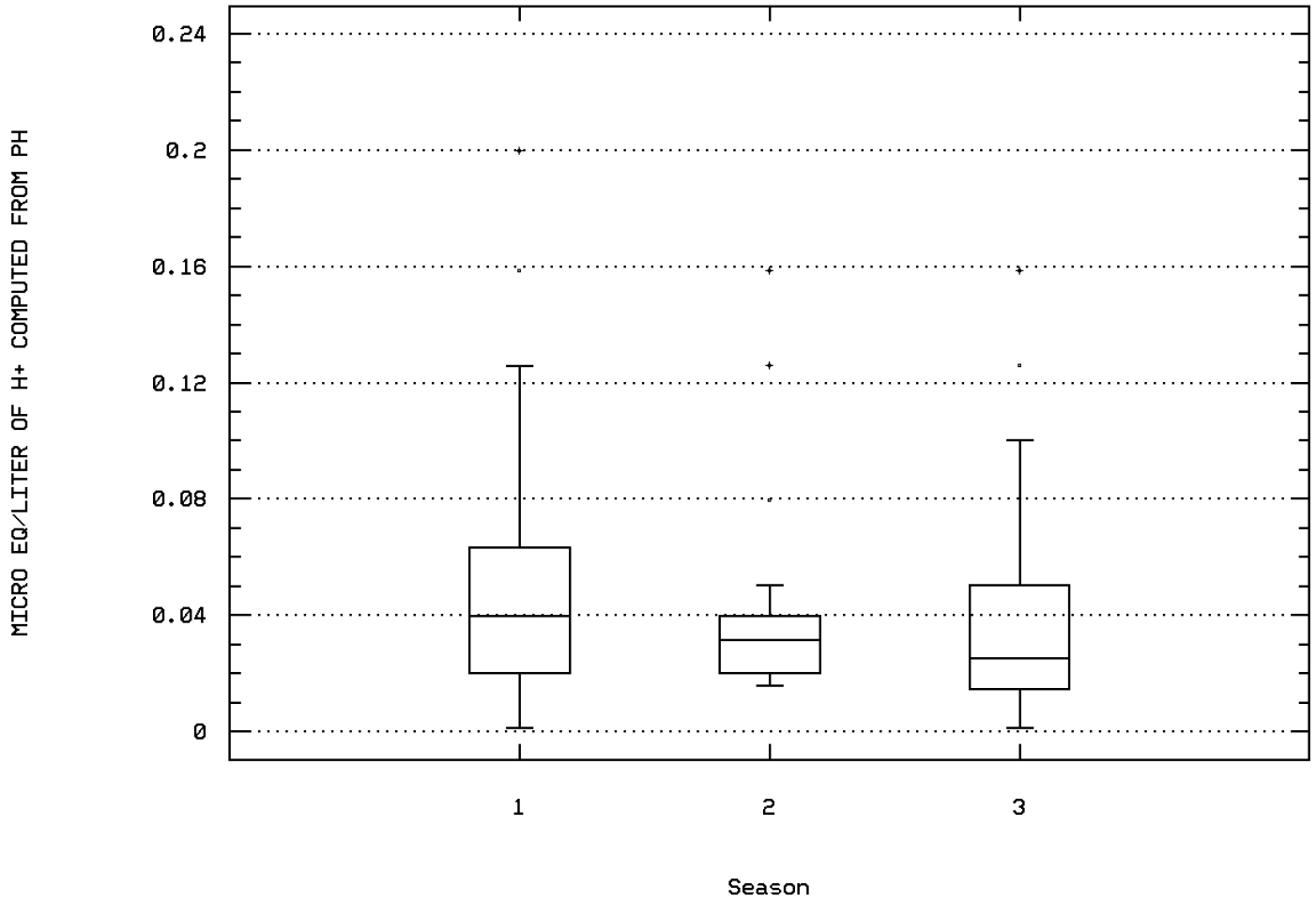
OXYGEN, DISSOLVED



CHICKAMAUGA RES. AT LIGHTED BUOY

Station: CHCH0433 Parameter Code: 00400

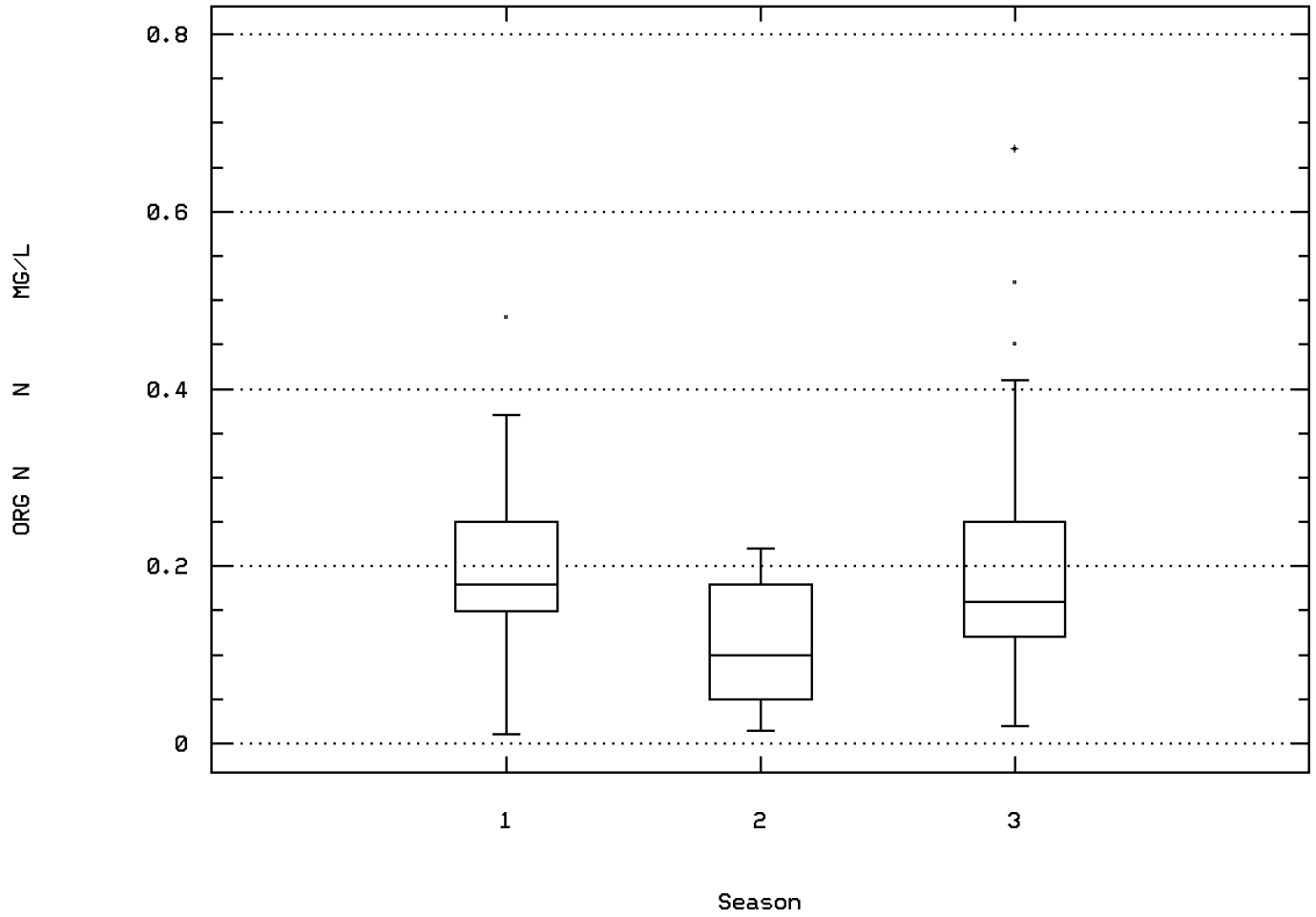
MICRO EQ/LITER OF H+ COMPUTED FROM PH



CHICKAMAUGA RES. AT LIGHTED BUOY

Station: CHCH0433 Parameter Code: 00605

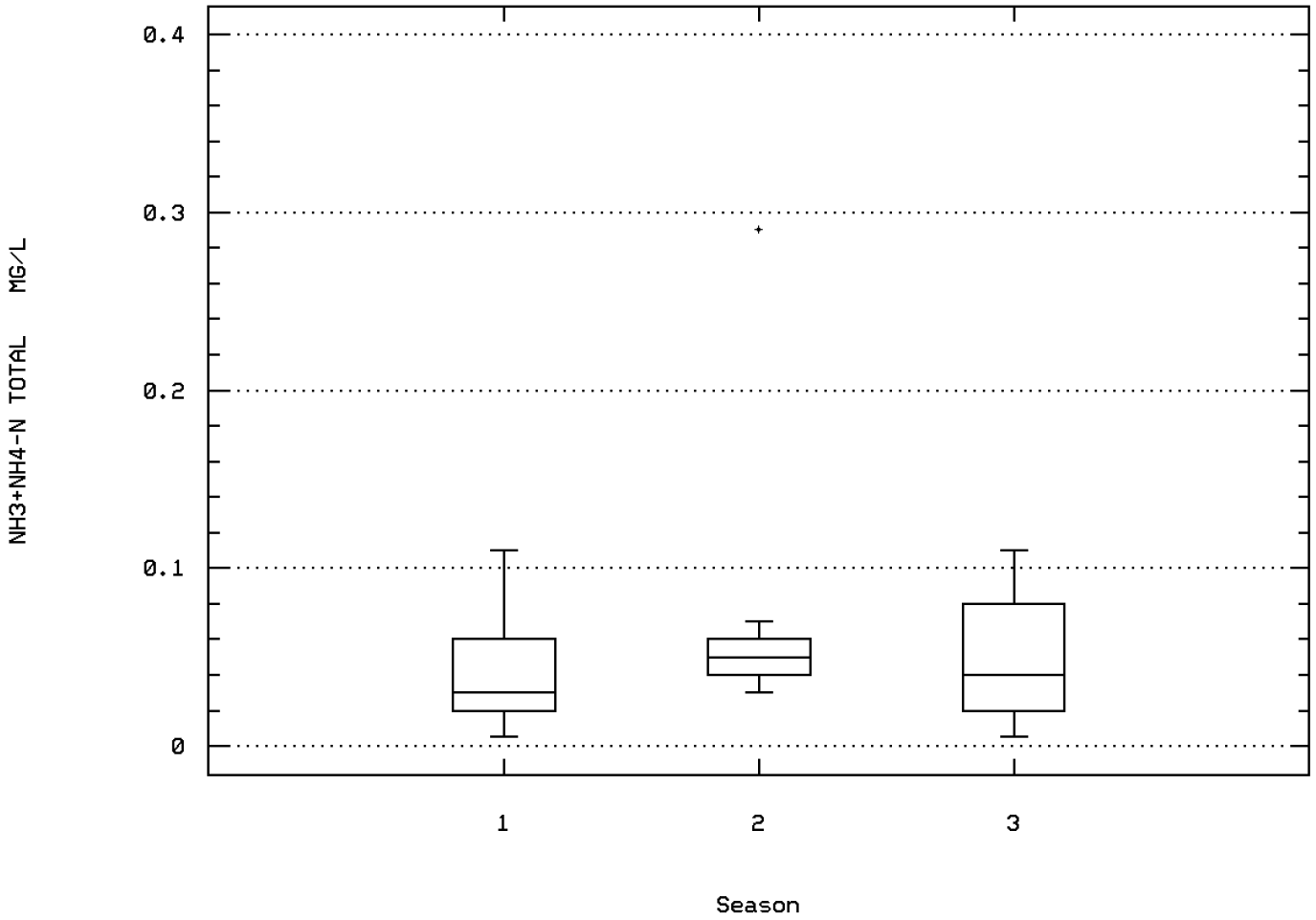
NITROGEN, ORGANIC, TOTAL (MG/L AS N)



CHICKAMAUGA RES. AT LIGHTED BUOY

Station: CHCH0433 Parameter Code: 00610

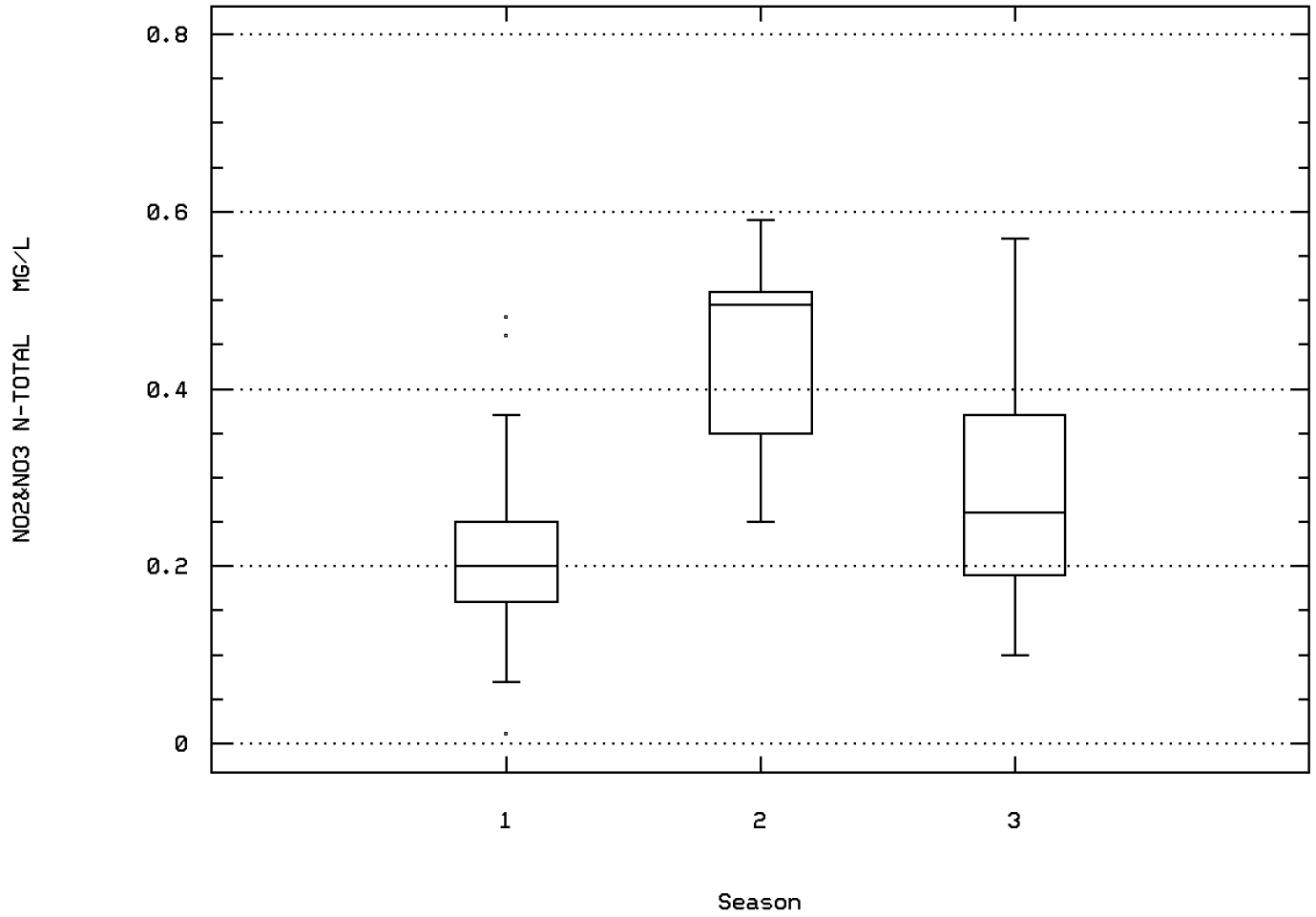
NITROGEN, AMMONIA, TOTAL (MG/L AS N)



CHICKAMAUGA RES. AT LIGHTED BUOY

Station: CHCH0433 Parameter Code: 00630

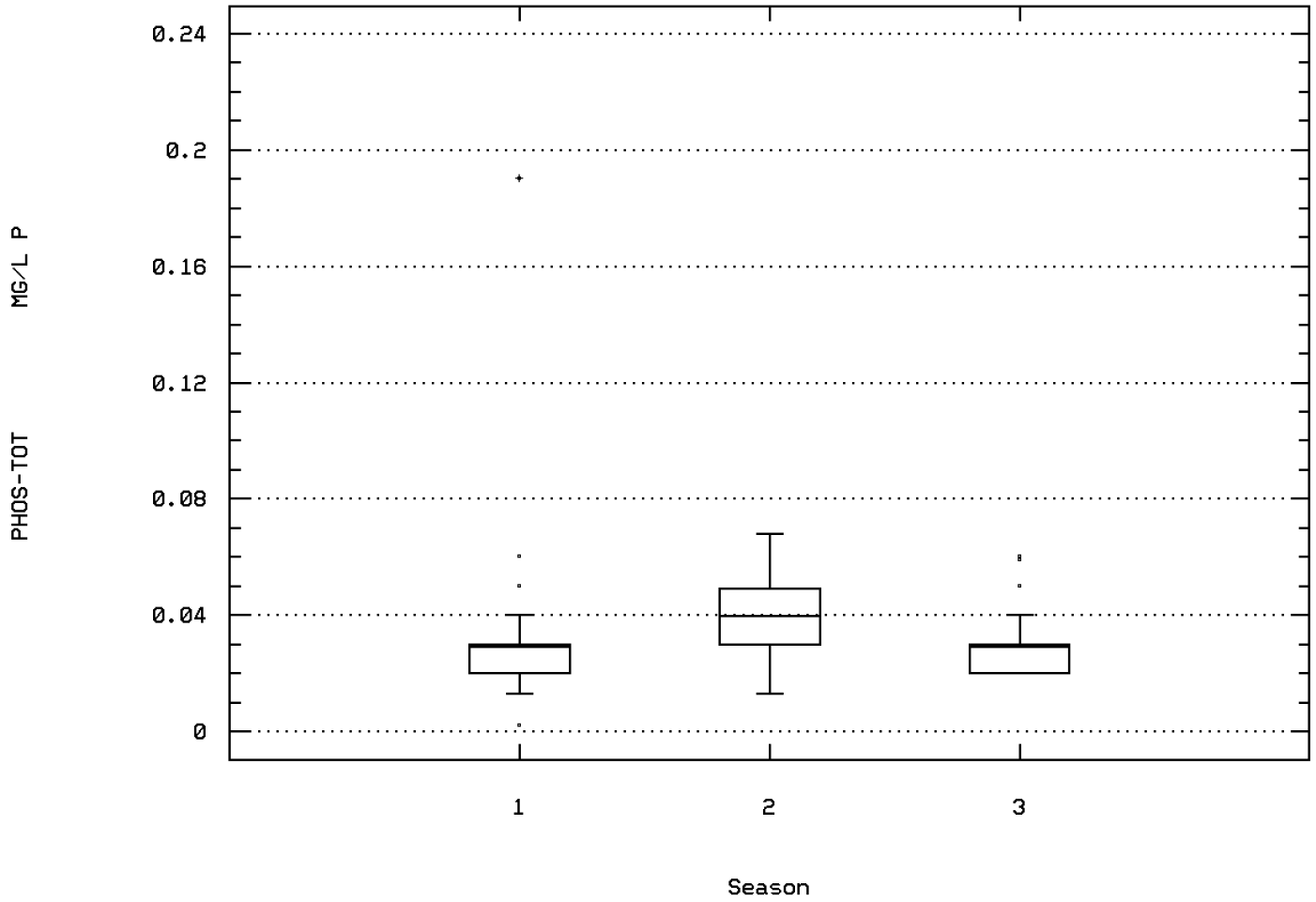
NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/



CHICKAMAUGA RES. AT LIGHTED BUOY

Station: CHCH0433 Parameter Code: 00665

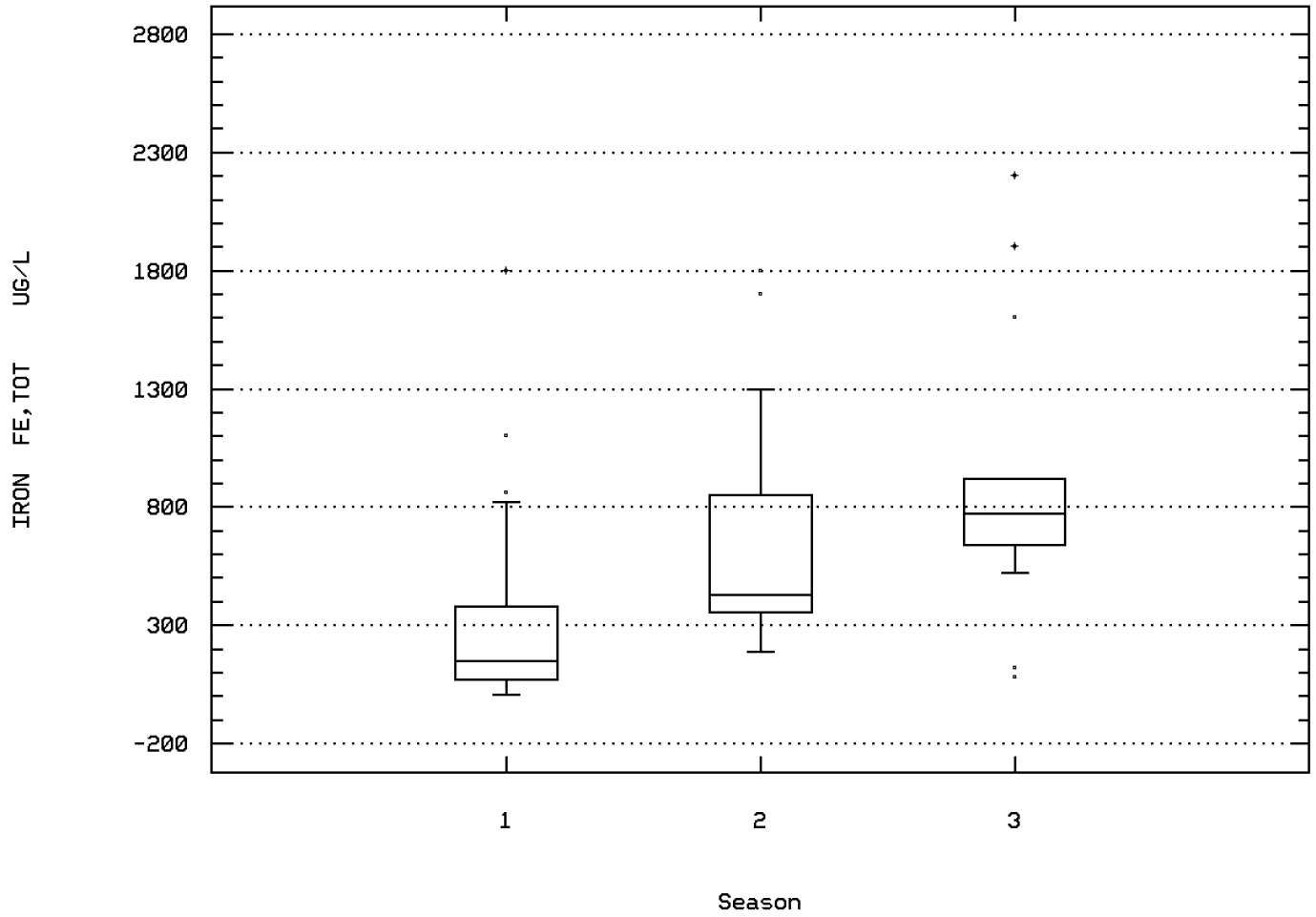
PHOSPHORUS, TOTAL (MG/L AS P)



CHICKAMAUGA RES. AT LIGHTED BUOY

Station: CHCH0433 Parameter Code: 01045

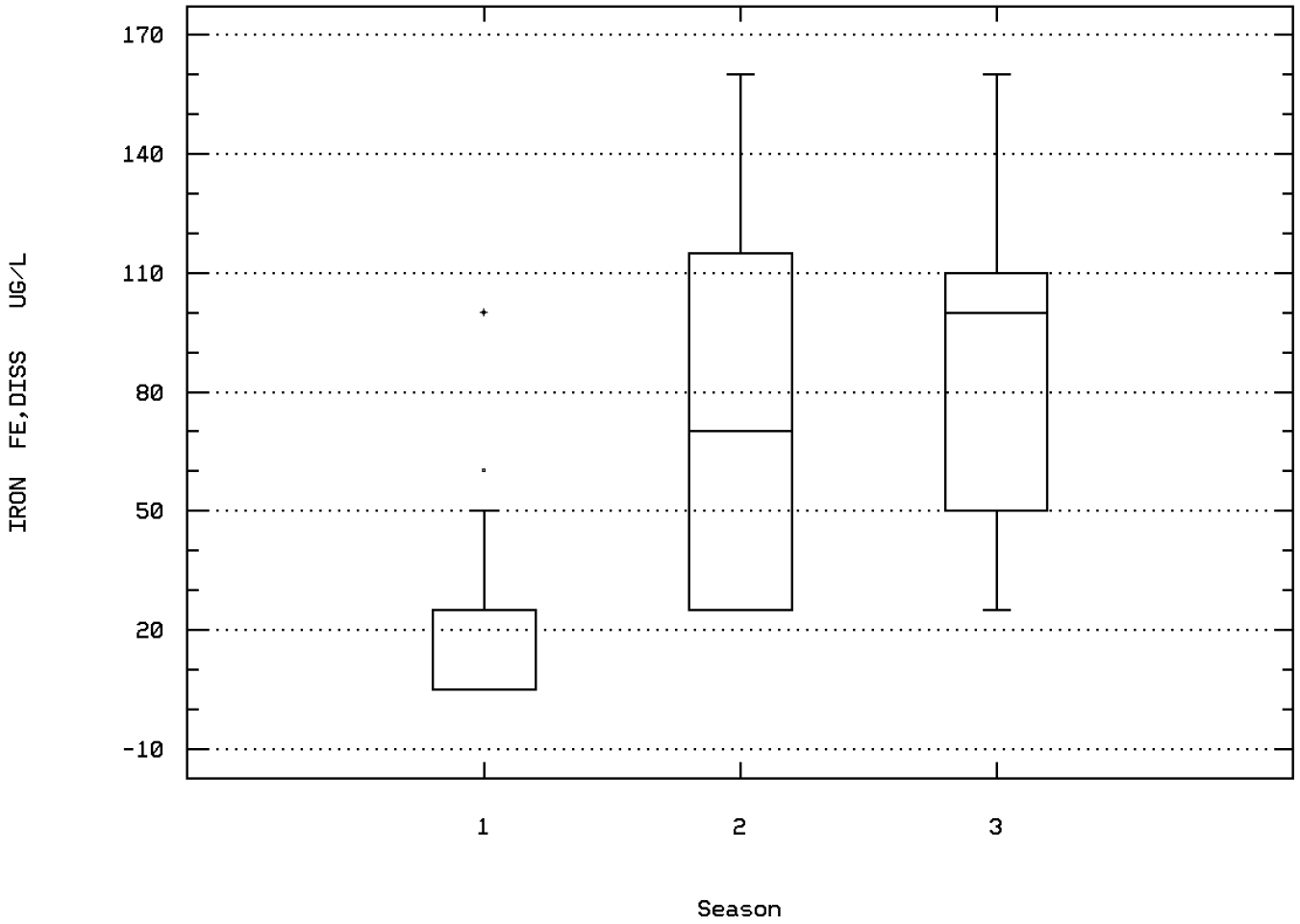
IRON, TOTAL (UG/L AS FE)



CHICKAMAUGA RES. AT LIGHTED BUOY

Station: CHCH0433 Parameter Code: 01046

IRON, DISSOLVED (UG/L AS FE)



CHICKAMAUGA RES. AT LIGHTED BUOY

Station Inventory for Station: CHCH0434

NPS Station ID: CHCH0434
Location: TENNESSEE RIVER
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes: 1021500 007720 00920
RMI-Miles: 0953.80 0046.50 472.30
HUC: 06020001
Major Basin: TENNESSEE RIVER
Minor Basin: TENNESSEE RIVER
RF1 Index: 06020001027
RF3 Index: 06020001027500.00
Description:
AT CHICKAMAUGH LIGHTED BUOY

LAT/LON: 35.107226/ -85.205559
Depth of Water: 0
Elevation: 0
RF1 Mile Point: 19.430
RF3 Mile Point: 0.31

Agency: 21TNWQ
FIPS State/County: 47065 TENNESSEE/HAMILTON
STORET Station ID(s): 003210 /333210 /233210
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.05

Date Created: / /
On/Off RF1: ON
On/Off RF3:

Parameter Inventory for Station: CHCH0434

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/64-09/03/64	16	26.5	26.375	29.	23.	4.117	2.029	23.7	24.25	28.	29.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/24/64-09/03/64	16	10.	13.125	43.	4.	109.05	10.443	4.7	7.25	13.5	35.3
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	08/24/64-09/03/64	16	65.	77.625	202.	30.	2129.983	46.152	35.6	44.	98.5	171.2
00300	OXYGEN, DISSOLVED MG/L	08/24/64-09/03/64	16	4.9	4.95	7.7	2.6	3.477	1.865	2.67	3.125	6.775	7.35
00310	BOD, 5 DAY, 20 DEG C MG/L	08/24/64-09/03/64	16	0.85	0.813	1.4	0.2	0.112	0.334	0.34	0.525	1.1	1.26
00403	PH, LAB, STANDARD UNITS SU	08/24/64-09/03/64	16	6.85	6.9	7.4	6.5	0.097	0.312	6.5	6.6	7.2	7.33
00403	CONVERTED PH, LAB, STANDARD UNITS	08/24/64-09/03/64	16	6.847	6.803	7.4	6.5	0.107	0.328	6.5	6.6	7.2	7.33
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/24/64-09/03/64	16	0.142	0.157	0.316	0.04	0.01	0.102	0.047	0.063	0.251	0.316

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0434

				Total	Exceed	Prop.	6/01-10/31			11/01-2/29			3/01-5/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	16	0	0.00	16	0	0.00									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	16	7	0.44	16	7	0.44									
00403	PH, LAB	Fresh Chronic	9.	16	0	0.00	16	0	0.00									
		Other-Lo Lim.	6.5	16	3	0.19	16	3	0.19									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0435

NPS Station ID: CHCH0435 LAT/LON: 35.107226/ -85.205559 Agency: 131TVAC Date Created: 05/05/90
Location: CHICKAMAUGA EMBAYMTS - SEE DESCRIPTIVE PARAGRAPH FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): CHICK90
RMI-Indexes: 1021500 007720 00920 Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 472.30
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: TENNESSEE RIVER BASIN Elevation: 0 Water Body Id:
Minor Basin: BLANK DATA ECO Region:
RF1 Index: 06020001 RF1 Mile Point: 0.000 Distance from RF1: 2.60 On/Off RF1:
RF3 Index: 06020001003003.99 RF3 Mile Point: 4.25 Distance from RF3: 0.02 On/Off RF3:
Description:
THIS STATION RECORDS LABORATORY RESULTS FROM THE COLLECTION OF FIELD BLANK SAMPLES AND ARE TO BE ASSOCIATED WITH THE FOLLOWING STATIONS:
475358 TRM 472.3 475266 TRM 496.5 477245 HRM 13.4 477228 WBM 0.95 475909 RCM 0.5 477246 NMCM 0.5
477229 WCM 4.2 477238 RCM 2.8 477247 SMCM 1.1 477230 WCM 5.65 477239 MCM 1.3 475908 HRM 20.0
477231 SCM 2.95 475804 TRM 506.6 475302 TRM 478.19 477240 GCM 0.9
477232 DCM 0.9 475363 TRM 518.0 477233 SCM 1.7 475364 TRM 529.9
477234 SCM 4.0 477241 GCM 0.85 477235 PCM 2.0 477242 ACM 0.65
475265 TRM 490.47 475366 HRM 7.4 477236 SCM 1.3 477243 CRM 1.5
477237 SCM 2.0 477244 RCM 1.5

Parameter Inventory for Station: CHCH0435

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00080	COLOR (PLATINUM-COBALT UNITS)	04/09/90-09/13/90	36 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	04/09/90-09/13/90	36 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
00403	PH, LAB, STANDARD UNITS SU	04/09/90-09/13/90	36	5.4	5.392	5.5	5.2	0.007	0.081	5.3	5.3	5.475	5.5
00403	CONVERTED PH, LAB, STANDARD UNITS	04/09/90-09/13/90	36	5.4	5.384	5.5	5.2	0.007	0.081	5.3	5.3	5.475	5.5
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/09/90-09/13/90	36	3.981	4.127	6.31	3.162	0.609	0.78	3.162	3.367	5.012	5.012
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/09/90-09/13/90	36 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/09/90-09/13/90	36 ##	0.5	0.514	1.	0.5	0.007	0.083	0.5	0.5	0.5	0.5
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/09/90-09/13/90	36 ##	0.01	0.011	0.02	0.01	0.	0.004	0.01	0.01	0.01	0.02
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/09/90-09/13/90	36 ##	0.005	0.007	0.02	0.005	0.	0.004	0.005	0.005	0.005	0.013
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/09/90-09/13/90	36 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/09/90-09/13/90	35 ##	0.001	0.002	0.02	0.001	0.	0.004	0.001	0.001	0.001	0.006
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/09/90-09/13/90	50 ##	0.001	0.001	0.01	0.001	0.	0.001	0.001	0.001	0.001	0.002
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/09/90-09/13/90	34	0.3	0.262	0.5	0.1	0.018	0.133	0.1	0.1	0.4	0.4
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	04/09/90-09/13/90	44	0.3	0.33	0.6	0.1	0.013	0.113	0.2	0.225	0.4	0.45
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/09/90-09/13/90	36 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/09/90-09/13/90	64 ##	5.	15.031	650.	2.	6501.491	80.632	5.	5.	5.	5.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/09/90-09/13/90	64 ##	0.699	0.726	2.813	0.301	0.073	0.27	0.699	0.699	0.699	0.699
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			5.318								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	04/09/90-09/13/90	36 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0435

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	36	0	0.00	24	0	0.00				12	0	0.00			
		Other-Lo Lim.	6.5	36	36	1.00	24	24	1.00				12	12	1.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	36	0	0.00	24	0	0.00				12	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	64	1	0.02	48	0	0.00				16	1	0.06			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	36	0	0.00	24	0	0.00				12	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0436

NPS Station ID: CHCH0436
LAT/LON: 35.107781/ -85.230560
Agency: 131TVAC
Date Created: / /
Location: NEAR CHICKAMAUGA DAM
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475346 /2807
RMI-Indexes: 1021500 007720 00920 6233
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 470.90 000.10
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: NORTH CHICKAMAUGA CREEK 0.1
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 06020001001800.00
RF3 Mile Point: 0.00
Distance from RF3: 0.15
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0436

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/07/67-09/07/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/07/67-09/07/67	1	130.	130.	130.	130.	0.	0.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/07/67-09/07/67	1	2.114	2.114	2.114	2.114	0.	0.	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			130.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/07/67-09/07/67	1	5.	5.	5.	5.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/07/67-09/07/67	1	0.699	0.699	0.699	0.699	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0436

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	1	0	0.00	1	0	0.00									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0437

NPS Station ID: CHCH0437
Location: NORTH CHICKAMAUGA CREEK
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes:
RMI-Miles:
HUC: 06020001
Major Basin: SOUTHEAST
Minor Basin: TENNESSEE RIVER BASIN
RF1 Index: 06020001067
RF3 Index: 06020001006700.00
Description:
0.1 MILE FROM MOUTH, MIDSTREAM

LAT/LON: 35.108059/ -85.223615

Depth of Water: 0
Elevation: 0

RF1 Mile Point: 0.300
RF3 Mile Point: 1.52

Agency: 1113S090
FIPS State/County: 47065 TENNESSEE/HAMILTON
STORET Station ID(s): 470255 /NCC-04
Within Park Boundary: No

Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.04

Date Created: / /

On/Off RF1: ON
On/Off RF3:

Parameter Inventory for Station: CHCH0437

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

***** Data for this station locked by controlling agency *****

Station Inventory for Station: CHCH0438

NPS Station ID: CHCH0438 | LAT/LON: 35.108059/ -85.229448 | Agency: 11EPALES | Date Created: / /
Location: NORTH CHICKAMAUGA CREEK | FIPS State/County: 47000 TENNESSEE/
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): 4717B1
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 06020001 | Depth of Water: 0 | Aquifer:
Major Basin: T/NICKAJCK LAKE | Elevation: 0 | Water Body Id:
Minor Basin: SEC RD BRDG DOWNSTREAM FROM TN HWY | ECO Region:
RF1 Index: 06020001067 | RF1 Mile Point: 0.300 | Distance from RF1: 0.00 | On/Off RF1: ON
RF3 Index: 06020001000100.06 | RF3 Mile Point: 0.06 | Distance from RF3: 0.02 | On/Off RF3:
Description:
SECONDARY ROAD BRIDGE JUST DOWNSTREAM FROM TN HWY 153 BRIDGE

Parameter Inventory for Station: CHCH0438

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/14/73-03/26/74	13	0.039	0.046	0.15	0.015	0.001	0.035	0.017	0.022	0.058	0.116
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/14/73-03/26/74	13	0.002	0.006	0.018	0.001	0.	0.006	0.001	0.001	0.01	0.016
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/14/73-03/26/74	13	0.273	0.266	0.357	0.115	0.005	0.072	0.136	0.214	0.32	0.35
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/14/73-03/26/74	13	0.27	0.512	1.6	0.05	0.285	0.534	0.07	0.17	0.775	1.6
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/14/73-03/26/74	13	0.28	0.272	0.36	0.12	0.006	0.075	0.14	0.215	0.33	0.36
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/14/73-03/26/74	13	0.02	0.022	0.04	0.003	0.	0.011	0.006	0.015	0.033	0.039
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/14/73-03/26/74	13	0.006	0.007	0.013	0.003	0.	0.004	0.003	0.003	0.01	0.012

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0438

				Total	Exceed	Prop.	6/01-10/31			11/01-2/29			3/01-5/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	13	0	0.00	5	0	0.00	5	0	0.00	3	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	13	0	0.00	5	0	0.00	5	0	0.00	3	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	13	0	0.00	5	0	0.00	5	0	0.00	3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0439

NPS Station ID: CHCH0439 | LAT/LON: 35.108392/ -85.374003 | Agency: 11NPSWRD | Date Created: 04/03/99
Location: TNHM504R | FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): CHCH_NURE_03 /4084861
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 06020001 | Depth of Water: 0 | Aquifer:
Major Basin: TENNESSEE RIVER | Elevation: 0 | Water Body Id:
Minor Basin: TENNESSEE R-MAIN STEM & MINOR TRIBS | ECO Region:
RF1 Index: 06020001 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 06020001011302.01 | RF3 Mile Point: 3.41 | Distance from RF3: 0.11 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE CHATTANOOGA TENNESSEE 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THIS SITE IS AT A SPRING AND IS LOCATED OUTSIDE OF THE CHICKAMAUGA AND CHATTANOOGA NATIONAL MILITARY PARK BOUNDARIES. EACH SAMPLE WAS FILTERED THROUGH A LESS THAN OR EQUAL TO 0.8 UM FILTER AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATABASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K.D. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATABASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUNDWATER DATA. THE "UNIQID" ENTRY WAS USED TO CREATE THE SECONARY STATION NAME. THE "SRLID" (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) ENTRY WAS USED TO CREATE THE LOCATION. SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY RONDA BURNS; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FT. COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: CHCH0439

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/78-09/19/78	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/19/78-09/19/78	1	260.	260.	260.	260.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	09/19/78-09/19/78	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	09/19/78-09/19/78	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/78-09/19/78	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/19/78-09/19/78	1	165.	165.	165.	165.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/19/78-09/19/78	1	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/19/78-09/19/78	1	3.02	3.02	3.02	3.02	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/19/78-09/19/78	1	101.	101.	101.	101.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	09/19/78-09/19/78	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/19/78-09/19/78	1	51.	51.	51.	51.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/19/78-09/19/78	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
50700	FLUORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	09/19/78-09/19/78	1	39.	39.	39.	39.	0.	0.	**	**	**	**
50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	09/19/78-09/19/78	1	1900.	1900.	1900.	1900.	0.	0.	**	**	**	**
82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	09/19/78-09/19/78	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0439

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0440

NPS Station ID: CHCH0440
Location: BOAT LAUNCH SITE
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes: 1021500 007720 00920
RMI-Miles: 0953.80 0046.50 453.30
HUC: 06020001
Major Basin: TENNESSEE RIVER BASIN
Minor Basin: TENNESSEE RIVER 453.3
RF1 Index: 06020001002
RF3 Index: 06020001013700.00
Description:

LAT/LON: 35.109726/ -85.365837
Depth of Water: 0
Elevation: 0
RF1 Mile Point: 1.390
RF3 Mile Point: 0.00

Agency: 131TVAC
FIPS State/County: 47065 TENNESSEE/HAMILTON
STORET Station ID(s): 476700
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.03

Date Created: 03/15/86
On/Off RF1: ON
On/Off RF3:

Parameter Inventory for Station: CHCH0440

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/27/86-07/19/86	21	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/27/86-07/19/86	21	200.	260.	680.	20.	28340.	168.345	52.	160.	360.	562.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/27/86-07/19/86	21	2.301	2.305	2.833	1.301	0.131	0.362	1.715	2.204	2.556	2.745
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			201.704								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0440

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	21	12	0.57	19	10	0.53				2	2	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0441

NPS Station ID: CHCH0441 LAT/LON: 35.110282/ -85.227503 Agency: 131TVAC Date Created: 06/27/92
Location: N. CHICKAMAUGA CK. GREENWAY - BOAT LAUNCH FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 477438
RMI-Indexes: 1021500 007720 00920 6233 Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 470.90 000.35
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: TENNESSEE RIVER BASIN Elevation: 0 Water Body Id:
Minor Basin: NORTH CHICKAMAUGA CREEK 0.35 ECO Region:
RF1 Index: 06020001 RF1 Mile Point: 0.000 Distance from RF1: 2.60 On/Off RF1:
RF3 Index: 06020001001800.00 RF3 Mile Point: 0.00 Distance from RF3: 0.27 On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0441

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/26/92-07/08/93	18	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/26/92-07/08/93	17	36.	66.471	270.	5.	6697.515	81.838	5.	22.5	73.	270.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/26/92-07/08/93	17	1.556	1.554	2.431	0.699	0.273	0.523	0.699	1.343	1.86	2.431
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			35.814								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0441

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	17	2	0.12	13	1	0.08				4	1	0.25			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0442

NPS Station ID: CHCH0442 LAT/LON: 35.110838/ -85.415003 Agency: 112WRD Date Created: / /
Location: TENNESSEE RIVER NEAR SIGNAL MOUNTAIN, TN. FIPS State/County: 47115 TENNESSEE/MARION
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 03569250
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 06020001001 RF1 Mile Point: 32.990 Distance from RF1: 17.50 On/Off RF1: ON
RF3 Index: 06020001144101.17 RF3 Mile Point: 1.44 Distance from RF3: 0.02 On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0442

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00060	FLOW, STREAM, MEAN DAILY CFS	10/12/70-10/12/70	1	40700.	40700.	40700.	40700.	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/12/70-10/12/70	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/12/70-10/12/70	1	8.	8.	8.	8.	0.	0.	**	**	**	**
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	10/12/70-10/12/70	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	10/12/70-10/12/70	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	10/12/70-10/12/70	1	15.	15.	15.	15.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	10/12/70-10/12/70	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	10/12/70-10/12/70	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	10/12/70-10/12/70	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0442

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	1	1.00	1	1	1.00									
		Drinking Water	5.	1	1	1.00	1	1	1.00									
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	1	1	1.00	1	1	1.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0443

NPS Station ID: CHCH0443
LAT/LON: 35.111671/ -85.198892
Agency: 131TVAC
Date Created: / /
Location: CHICKAMAUGA RESERVOIR
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM/SOLIDS
STORET Station ID(s): 475300 /1020
RMI-Indexes: 1021500 007720 00920
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 472.80
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER 472.80
ECO Region:
RF1 Index: 06020001021
RF1 Mile Point: 1.020
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 06020001000206.82
RF3 Mile Point: 6.89
Distance from RF3: 0.11
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0443

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/03/71-08/11/92	489	10.	16.593	59.	1.	211.295	14.536	3.	3.	26.	43.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/03/71-08/11/92	464	17.9	18.197	28.4	2.4	51.641	7.186	6.6	13.9	25.	27.
00031	LIGHT,INCIDENT, PERCENT REMAING AT CERTAIN DEPTH	08/27/86-08/27/86	4	9.55	14.55	38.	1.1	297.27	17.242	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/01/78-08/01/78	2	27570.	27570.	27570.	27570.	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/21/79-09/21/79	6	2.35	2.233	3.	1.4	0.483	0.695	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/27/86-08/27/86	1	1.25	1.25	1.25	1.25	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/21/79-09/21/79	2	5.5	5.5	6.	5.	0.5	0.707	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/24/85-08/11/92	58	174.5	180.19	222.	157.	399.77	19.994	158.	163.	196.	216.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/73-09/21/79	227	170.	168.815	250.	75.	846.612	29.097	140.	150.	180.	200.
00300p	OXYGEN, DISSOLVED MG/L	05/03/71-08/11/92	464	8.	8.188	13.8	1.4	5.081	2.254	5.6	6.5	9.2	11.7
00310	BOD, 5 DAY, 20 DEG C MG/L	08/21/79-09/21/79	4 ##	1.05	1.05	1.6	0.5	0.403	0.635	**	**	**	**
00400p	PH (STANDARD UNITS)	08/02/72-08/11/92	290	7.375	7.325	8.5	6.	0.121	0.348	6.903	7.2	7.5	7.698
00400p	CONVERTED PH (STANDARD UNITS)	08/02/72-08/11/92	290	7.375	7.151	8.5	6.	0.152	0.39	6.903	7.2	7.5	7.698
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/02/72-08/11/92	290	0.042	0.071	1.	0.003	0.013	0.113	0.02	0.032	0.063	0.125
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/02/72-07/17/91	60	52.	50.55	60.	35.	47.201	6.87	41.	45.	57.	59.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/02/72-09/21/79	52	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	07/24/85-08/11/92	32	59.	60.063	70.	48.	23.48	4.846	54.3	56.5	64.	67.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/21/79-09/21/79	6	1.5	1.333	2.	0.5	0.567	0.753	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	02/11/76-08/11/92	81	0.13	0.167	0.48	0.04	0.01	0.099	0.072	0.1	0.22	0.32
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/11/76-08/11/92	81	0.04	0.047	0.15	0.005	0.001	0.032	0.006	0.02	0.07	0.09
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/11/76-08/11/92	81	0.22	0.24	0.52	0.05	0.015	0.124	0.11	0.14	0.34	0.45
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/11/76-08/11/92	80	0.03	0.029	0.07	0.01	0.	0.012	0.02	0.02	0.03	0.04
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/24/85-08/11/92	33 ##	0.005	0.009	0.03	0.005	0.	0.007	0.005	0.005	0.01	0.02
00677	PHOSPHORUS,HYDROLYZABLE + ORTHO,DIS,AUTOANALYZER	08/21/79-09/21/79	9 ##	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.008	0.01
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/11/76-08/11/92	72	2.1	2.243	4.6	1.1	0.529	0.727	1.63	1.8	2.475	2.8
00916	CALCIUM, TOTAL (MG/L AS CA)	05/31/89-08/11/92	6	20.	27.5	68.	18.	395.1	19.877	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	05/31/89-08/11/92	5	4.9	4.94	5.1	4.8	0.013	0.114	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	11/08/72-11/08/72	1	13.	13.	13.	13.	0.	0.	**	**	**	**
01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	11/08/72-11/08/72	1	160.	160.	160.	160.	0.	0.	**	**	**	**
01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	11/08/72-11/08/72	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01022	BORON, TOTAL (UG/L AS B)	05/31/89-08/11/92	5 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	05/31/89-08/11/92	5 ##	0.05	0.06	0.1	0.05	0.001	0.022	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/08/72-11/08/72	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/08/72-11/08/72	1	76.	76.	76.	76.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/03/71-11/15/73	11 ##	5.	9.5	25.	2.5	101.25	10.062	2.5	2.5	25.	25.
01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	11/08/72-11/08/72	1	33.	33.	33.	33.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	05/03/71-08/11/92	16 ##	5.	8.75	40.	5.	85.	9.22	5.	5.	8.75	26.
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11/08/72-11/08/72	1	47.	47.	47.	47.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0443

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01045	IRON, TOTAL (UG/L AS FE)	05/03/71-08/11/92	16	415.	516.875	1500.	50.	178822.917	422.875	78.	275.	595.	1500.
01051	LEAD, TOTAL (UG/L AS PB)	05/31/89-08/11/92	5 ##	0.5	0.9	2.	0.5	0.425	0.652	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	11/08/72-11/08/72	1	99.	99.	99.	99.	0.	0.	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	11/08/72-11/08/72	1	3900.	3900.	3900.	3900.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	11/08/71-08/11/92	12	60.	57.583	100.	10.	890.083	29.834	10.6	34.75	86.	97.
01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	11/08/72-11/08/72	1 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	05/03/71-08/11/92	16 ##	25.	17.719	25.	0.5	125.966	11.223	0.5	2.25	25.	25.
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/08/72-11/08/72	1	57.	57.	57.	57.	0.	0.	**	**	**	**
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	11/08/72-11/08/72	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01083	STRONTIUM IN BOTTOM DEPOSITS(MG/KG AS SR DRY WGT)	11/08/72-11/08/72	1 ##	1.45	1.45	1.45	1.45	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	05/03/71-08/11/92	16	30.	38.438	150.	5.	1375.729	37.091	5.	20.	47.5	108.
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	11/08/72-11/08/72	1	700.	700.	700.	700.	0.	0.	**	**	**	**
01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	11/08/72-11/08/72	1 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
01103	TIN IN BOTTOM DEPOSITS (MG/KG AS SN DRY WGT)	11/08/72-11/08/72	1 ##	29.5	29.5	29.5	29.5	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	05/31/89-08/11/92	5	50.	122.	390.	25.	23957.5	154.782	**	**	**	**
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	11/08/72-11/08/72	1	41000.	41000.	41000.	41000.	0.	0.	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	11/08/72-11/08/72	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01153	TITANIUM IN BOTTOM DEPOSITS (MG/KG AS TI DRY WGT)	11/08/72-11/08/72	1	2400.	2400.	2400.	2400.	0.	0.	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	11/08/72-11/08/72	1	39000.	39000.	39000.	39000.	0.	0.	**	**	**	**
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	07/24/85-08/11/92	49	6.	7.284	19.	2.	19.176	4.379	2.	4.2	10.	13.35
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	07/24/85-08/11/92	49 ##	0.5	0.735	2.	0.5	0.22	0.469	0.5	0.5	1.	2.
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	07/24/85-08/11/92	49	1.	0.96	3.	0.5	0.337	0.58	0.5	0.5	1.	2.
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	07/24/85-08/11/92	49	2.	1.584	3.	0.5	0.567	0.753	0.5	1.	2.	3.
45650	CHLORINE, IN ORGANIC COMPOUNDS, WATER, WHOLE, MG/L	05/29/92-08/11/92	6	0.1	0.125	0.2	0.05	0.004	0.061	**	**	**	**
46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	05/31/89-08/11/92	5	70.	68.8	73.	65.	10.7	3.271	**	**	**	**
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	05/31/89-07/17/91	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/21/79-09/21/79	6	105.	106.667	120.	100.	66.667	8.165	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	11/08/72-11/08/72	1	3.4	3.4	3.4	3.4	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	07/24/85-08/11/92	33	4.7	4.661	10.	1.	4.557	2.135	1.14	3.55	5.85	7.48

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

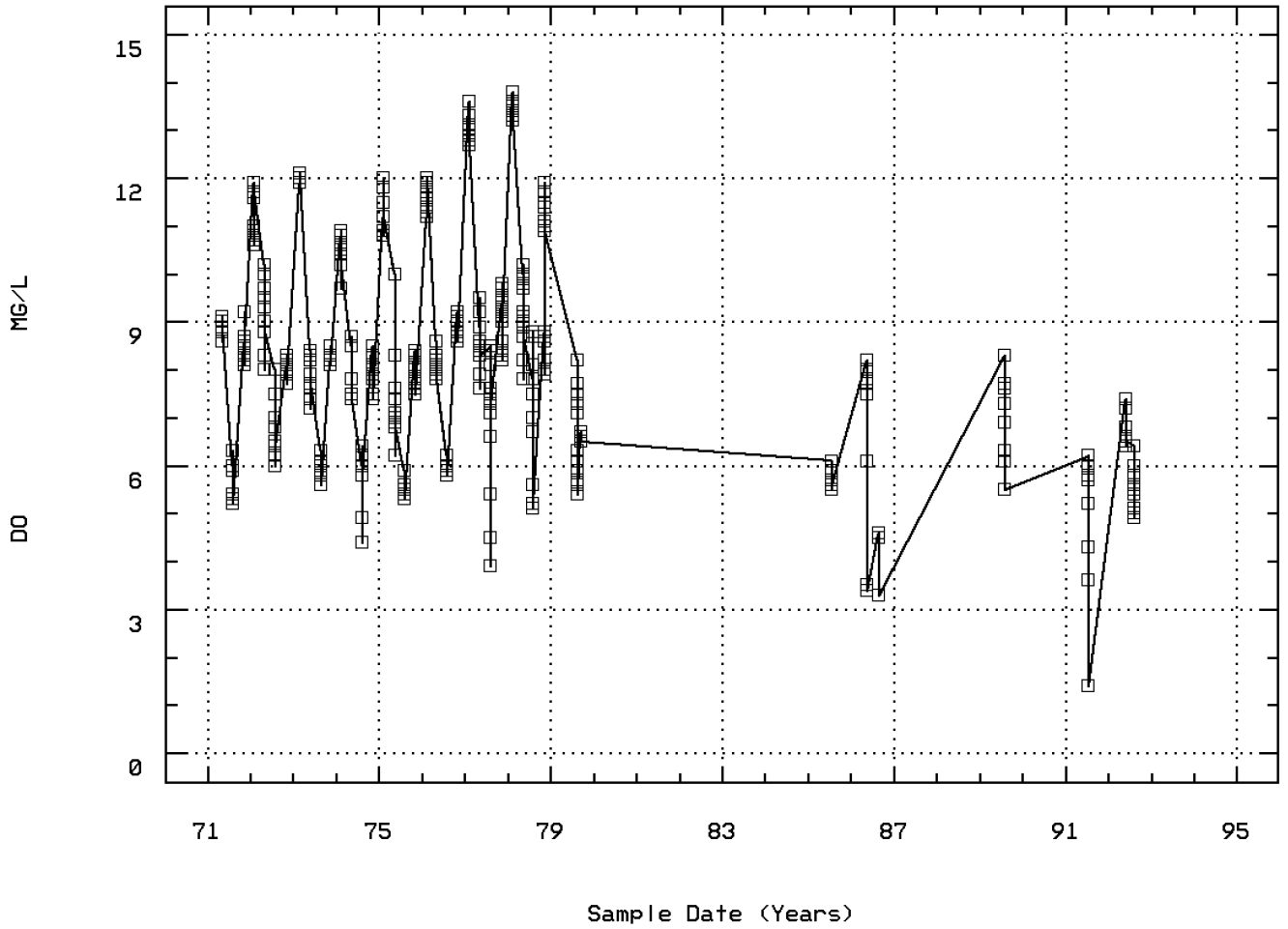
EPA Water Quality Criteria Analysis for Station: CHCH0443

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	6	0	0.00	6	0	0.00									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	464	6	0.01	165	4	0.02	186	0	0.00	113	2	0.02			
00400	PH	Fresh Chronic	9.	290	0	0.00	112	0	0.00	107	0	0.00	71	0	0.00			
		Other-Lo Lim.	6.5	290	8	0.03	112	3	0.03	107	4	0.04	71	1	0.01			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	81	0	0.00	39	0	0.00	18	0	0.00	24	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	5	0	0.00	3	0	0.00				2	0	0.00			
		Drinking Water	5.	5	0	0.00	3	0	0.00				2	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	11	0	0.00	3	0	0.00	5	0	0.00	3	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	16	2	0.13	6	0	0.00	5	1	0.20	5	1	0.20			
		Drinking Water	1300.	16	0	0.00	6	0	0.00	5	0	0.00	5	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	5	0	0.00	3	0	0.00				2	0	0.00			
		Drinking Water	15.	5	0	0.00	3	0	0.00				2	0	0.00			
01067	NICKEL, TOTAL	Fresh Acute	1400.	16	0	0.00	6	0	0.00	5	0	0.00	5	0	0.00			
		Drinking Water	100.	16	0	0.00	6	0	0.00	5	0	0.00	5	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	16	1	0.06	6	1	0.17	5	0	0.00	5	0	0.00			
		Drinking Water	5000.	16	0	0.00	6	0	0.00	5	0	0.00	5	0	0.00			
45650	CHLORINE, IN ORGANIC COMPOUNDS, WATER, W	Fresh Acute	0.019	5 &	5	1.00							5	5	1.00			
50060	CHLORINE, TOTAL RESIDUAL	Fresh Acute	0.019	0 &	0	0.00												
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	33	0	0.00	21	0	0.00				12	0	0.00			

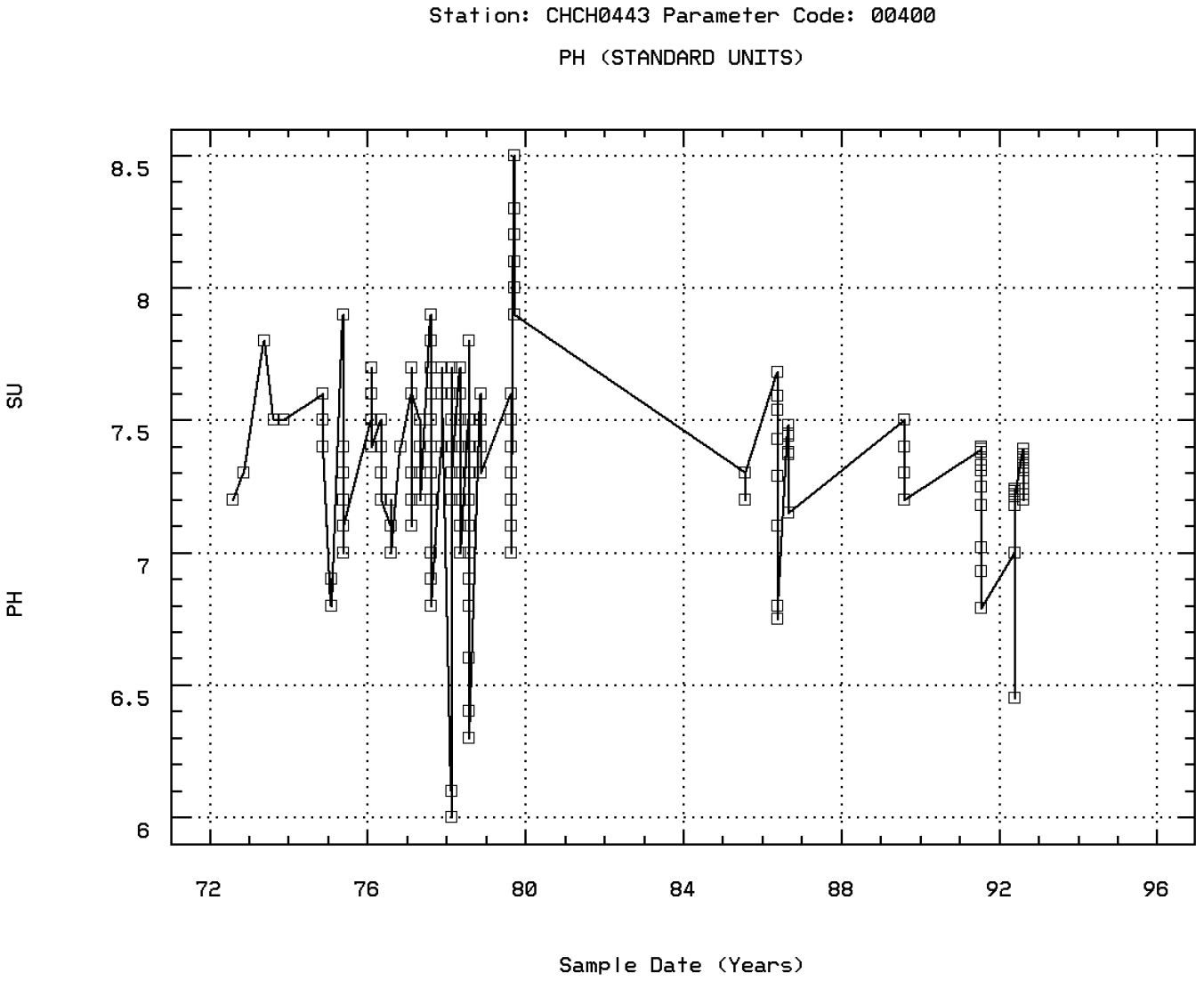
& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station: CHCH0443 Parameter Code: 00300

OXYGEN, DISSOLVED



CHICKAMAUGA RESERVOIR



CHICKAMAUGA RESERVOIR

Annual Analysis for 1971 - Station CHCH0443

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/03/71-08/11/92	30	15.	17.933	43.	3.	186.064	13.641	3.	3.	30.	41.7
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/03/71-08/11/92	30	17.6	19.513	24.4	15.8	11.448	3.384	16.72	16.9	24.025	24.3
00300	OXYGEN, DISSOLVED MG/L	05/03/71-08/11/92	30	8.4	7.607	9.2	5.2	2.391	1.546	5.2	5.775	8.8	8.99

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station CHCH0443

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/03/71-08/11/92	44	16.	17.932	57.	3.	189.274	13.758	3.	3.	23.	43.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/03/71-08/11/92	43	16.9	16.705	26.1	7.5	36.715	6.059	8.1	14.7	23.9	25.2
00300	OXYGEN, DISSOLVED MG/L	05/03/71-08/11/92	43	8.2	8.719	11.9	6.	2.803	1.674	6.5	7.7	10.2	10.96
00400	PH (STANDARD UNITS)	08/02/72-08/11/92	2	7.25	7.25	7.3	7.2	0.005	0.071	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/02/72-08/11/92	2	7.247	7.247	7.3	7.2	0.005	0.071	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/02/72-08/11/92	2	0.057	0.057	0.063	0.05	0.	0.009	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/02/72-07/17/91	2	51.	51.	52.	50.	2.	1.414	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1973 - Station CHCH0443

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/03/71-08/11/92	44	16.	16.932	43.	3.	151.925	12.326	3.	3.	23.	36.5
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/03/71-08/11/92	44	15.9	16.02	25.7	6.4	47.898	6.921	6.55	8.55	23.525	25.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/73-09/21/79	1	150.	150.	150.	150.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/03/71-08/11/92	44	8.15	8.486	12.1	5.6	4.938	2.222	5.85	6.525	11.05	12.
00400	PH (STANDARD UNITS)	08/02/72-08/11/92	3	7.5	7.6	7.8	7.5	0.03	0.173	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/02/72-08/11/92	3	7.5	7.579	7.8	7.5	0.031	0.175	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/02/72-08/11/92	3	0.032	0.026	0.032	0.016	0.	0.009	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/02/72-07/17/91	3	52.	51.667	52.	51.	0.333	0.577	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station CHCH0443

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/03/71-08/11/92	44	16.	17.136	43.	3.	155.051	12.452	3.	3.	25.25	36.5
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/03/71-08/11/92	44	16.9	16.65	25.2	7.8	40.583	6.37	7.9	9.6	23.525	25.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/73-09/21/79	11	180.	180.	180.	180.	0.	0.	180.	180.	180.	180.
00300	OXYGEN, DISSOLVED MG/L	05/03/71-08/11/92	44	7.8	7.945	10.9	4.4	3.005	1.733	5.8	6.65	9.45	10.55
00400	PH (STANDARD UNITS)	08/02/72-08/11/92	11	7.6	7.518	7.6	7.4	0.01	0.098	7.4	7.4	7.6	7.6
00400	CONVERTED PH (STANDARD UNITS)	08/02/72-08/11/92	11	7.6	7.508	7.6	7.4	0.01	0.099	7.4	7.4	7.6	7.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/02/72-08/11/92	11	0.025	0.031	0.04	0.025	0.	0.007	0.025	0.025	0.04	0.04

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station CHCH0443

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/03/71-08/11/92	50	10.	15.32	43.	1.	157.12	12.535	3.	3.	23.	30.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/03/71-08/11/92	50	17.8	18.45	26.	8.5	34.998	5.916	8.53	17.175	23.25	26.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station CHCH0443

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/73-09/21/79	21	140.	167.143	200.	140.	861.429	29.35	140.	140.	200.	200.
00300	OXYGEN, DISSOLVED MG/L	05/03/71-08/11/92	50	7.6	7.872	12.	5.3	4.02	2.005	5.41	6.125	8.4	11.2
00400	PH (STANDARD UNITS)	08/02/72-08/11/92	21	7.	7.048	7.9	6.8	0.082	0.286	6.8	6.8	7.2	7.38
00400	CONVERTED PH (STANDARD UNITS)	08/02/72-08/11/92	21	7.	6.977	7.9	6.8	0.087	0.295	6.8	6.8	7.2	7.38
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/02/72-08/11/92	21	0.1	0.105	0.158	0.013	0.003	0.052	0.042	0.063	0.158	0.158

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station CHCH0443

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/03/71-08/11/92	51	10.	16.176	56.	1.	243.908	15.618	1.	3.	26.	42.2
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/03/71-08/11/92	51	13.3	14.802	25.1	6.2	43.798	6.618	6.2	6.6	18.	25.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/73-09/21/79	51	160.	155.	170.	135.	112.	10.583	140.	150.	160.	170.
00300	OXYGEN, DISSOLVED MG/L	05/03/71-08/11/92	51	8.6	8.847	12.	5.8	4.001	2.	5.82	8.	11.2	11.78
00400	PH (STANDARD UNITS)	08/02/72-08/11/92	51	7.4	7.359	7.7	7.	0.025	0.158	7.1	7.2	7.5	7.5
00400	CONVERTED PH (STANDARD UNITS)	08/02/72-08/11/92	51	7.4	7.33	7.7	7.	0.026	0.16	7.1	7.2	7.5	7.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/02/72-08/11/92	51	0.04	0.047	0.1	0.02	0.	0.018	0.032	0.032	0.063	0.079
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/02/72-07/17/91	18	44.	42.389	46.	35.	11.899	3.449	36.8	40.	45.	46.
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	02/11/76-08/11/92	18	0.1	0.117	0.48	0.04	0.009	0.094	0.049	0.087	0.12	0.165
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/11/76-08/11/92	18	0.05	0.059	0.11	0.03	0.	0.022	0.039	0.048	0.063	0.101
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/11/76-08/11/92	18	0.3	0.333	0.47	0.22	0.01	0.101	0.22	0.24	0.45	0.461
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/11/76-08/11/92	18	0.03	0.027	0.04	0.02	0.	0.007	0.02	0.02	0.03	0.04
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/11/76-08/11/92	18	1.9	2.006	2.8	1.4	0.149	0.386	1.49	1.7	2.325	2.62

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station CHCH0443

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/03/71-08/11/92	63	10.	16.175	52.	1.	221.405	14.88	1.	3.	23.	43.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/03/71-08/11/92	63	17.5	15.814	27.6	2.4	66.484	8.154	2.5	13.6	23.3	26.56
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/73-09/21/79	63	170.	160.571	240.	75.	1333.507	36.517	95.	140.	170.	180.
00300	OXYGEN, DISSOLVED MG/L	05/03/71-08/11/92	63	8.5	9.181	13.6	3.9	5.439	2.332	7.3	7.6	9.5	13.22
00400	PH (STANDARD UNITS)	08/02/72-08/11/92	63	7.4	7.413	7.9	6.8	0.069	0.262	7.	7.2	7.6	7.7
00400	CONVERTED PH (STANDARD UNITS)	08/02/72-08/11/92	63	7.4	7.329	7.9	6.8	0.076	0.276	7.	7.2	7.6	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/02/72-08/11/92	63	0.04	0.047	0.158	0.013	0.001	0.033	0.02	0.025	0.063	0.1
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/02/72-07/17/91	12	54.	53.	59.	45.	25.091	5.009	45.3	47.5	57.75	59.
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	02/11/76-08/11/92	9	0.1	0.099	0.13	0.06	0.	0.022	0.06	0.085	0.12	0.13
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/11/76-08/11/92	9	0.03	0.053	0.15	0.01	0.002	0.047	0.01	0.02	0.09	0.15
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/11/76-08/11/92	9	0.38	0.321	0.4	0.19	0.009	0.094	0.19	0.2	0.39	0.4
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/11/76-08/11/92	9	0.03	0.03	0.05	0.02	0.	0.01	0.02	0.02	0.035	0.05
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/11/76-08/11/92	9	1.8	1.956	2.6	1.7	0.088	0.296	1.7	1.75	2.15	2.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station CHCH0443

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/03/71-08/11/92	56	10.	15.375	56.	1.	240.493	15.508	1.	3.	24.5	46.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/03/71-08/11/92	56	16.3	16.386	28.	3.5	68.583	8.282	3.5	14.375	26.	27.73
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/73-09/21/79	56	170.	183.214	250.	130.	953.117	30.873	150.	160.	200.	250.
00300	OXYGEN, DISSOLVED MG/L	05/03/71-08/11/92	56	9.15	9.766	13.8	5.1	6.102	2.47	6.7	8.025	11.65	13.43

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station CHCH0443

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	08/02/72-08/11/92	56	7.3	7.173	7.8	6.	0.196	0.443	6.37	7.025	7.4	7.6
00400	CONVERTED PH (STANDARD UNITS)	08/02/72-08/11/92	56	7.3	6.862	7.8	6.	0.295	0.543	6.37	7.025	7.4	7.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/02/72-08/11/92	56	0.05	0.137	1.	0.016	0.055	0.234	0.025	0.04	0.095	0.429
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/02/72-07/17/91	12	52.5	51.833	58.	45.	22.152	4.707	45.3	46.75	56.25	58.
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	02/11/76-08/11/92	12	0.115	0.117	0.22	0.04	0.003	0.054	0.043	0.07	0.158	0.205
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/11/76-08/11/92	12	0.055	0.058	0.11	0.02	0.001	0.028	0.023	0.033	0.08	0.104
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/11/76-08/11/92	12	0.295	0.323	0.52	0.17	0.019	0.139	0.176	0.203	0.478	0.517
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/11/76-08/11/92	11	0.02	0.023	0.03	0.01	0.	0.006	0.012	0.02	0.03	0.03
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/11/76-08/11/92	12	2.2	1.95	2.7	1.1	0.31	0.557	1.13	1.3	2.3	2.67

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station CHCH0443

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/03/71-08/11/92	25	16.	19.92	52.	1.	249.743	15.803	2.2	6.	31.5	46.6
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/03/71-08/11/92	25	24.5	24.216	26.	23.2	0.957	0.978	23.2	23.2	25.	25.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/73-09/21/79	24	180.	183.333	190.	170.	40.58	6.37	175.	180.	190.	190.
00300	OXYGEN, DISSOLVED MG/L	05/03/71-08/11/92	25	6.5	6.524	8.2	5.4	0.443	0.665	5.66	6.1	6.7	7.58
00400	PH (STANDARD UNITS)	08/02/72-08/11/92	25	7.5	7.648	8.5	7.	0.313	0.559	7.	7.1	8.15	8.5
00400	CONVERTED PH (STANDARD UNITS)	08/02/72-08/11/92	25	7.5	7.383	8.5	7.	0.386	0.621	7.	7.1	8.15	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/02/72-08/11/92	25	0.032	0.041	0.1	0.003	0.001	0.036	0.003	0.007	0.079	0.1
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/02/72-07/17/91	9	57.	57.222	59.	56.	0.944	0.972	56.	56.5	58.	59.
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	02/11/76-08/11/92	9	0.13	0.127	0.17	0.1	0.001	0.026	0.1	0.1	0.15	0.17
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/11/76-08/11/92	9	0.07	0.054	0.09	0.01	0.001	0.032	0.01	0.02	0.085	0.09
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/11/76-08/11/92	9	0.26	0.261	0.29	0.21	0.001	0.024	0.21	0.25	0.28	0.29
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/11/76-08/11/92	9	0.02	0.02	0.02	0.02	0.	0.	0.02	0.02	0.02	0.02

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station CHCH0443

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/03/71-08/11/92	6	7.5	10.167	26.	1.	89.367	9.453	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/03/71-08/11/92	6	28.05	28.05	28.1	28.	0.003	0.055	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/03/71-08/11/92	6	5.65	5.733	6.1	5.5	0.051	0.225	**	**	**	**
00400	PH (STANDARD UNITS)	08/02/72-08/11/92	6	7.2	7.233	7.3	7.2	0.003	0.052	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/02/72-08/11/92	6	7.2	7.231	7.3	7.2	0.003	0.052	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/02/72-08/11/92	6	0.063	0.059	0.063	0.05	0.	0.007	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	02/11/76-08/11/92	4	0.285	0.305	0.43	0.22	0.008	0.091	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/11/76-08/11/92	4	0.09	0.087	0.09	0.08	0.	0.005	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/11/76-08/11/92	4	0.11	0.11	0.11	0.11	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/11/76-08/11/92	4	0.025	0.028	0.04	0.02	0.	0.01	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/11/76-08/11/92	4	2.7	2.625	2.7	2.4	0.023	0.15	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station CHCH0443

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/03/71-08/11/92	17	10.	15.588	52.	1.	289.632	17.019	1.	2.5	26.	49.6
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/03/71-08/11/92	15	22.4	24.627	28.4	19.9	10.691	3.27	20.32	22.2	27.9	28.1
00300	OXYGEN, DISSOLVED MG/L	05/03/71-08/11/92	15	4.6	5.533	8.2	3.3	3.308	1.819	3.36	4.5	7.7	8.08

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station CHCH0443

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	08/02/72-08/11/92	15	7.43	7.326	7.68	6.75	0.072	0.269	6.78	7.15	7.48	7.626
00400	CONVERTED PH (STANDARD UNITS)	08/02/72-08/11/92	15	7.43	7.234	7.68	6.75	0.082	0.286	6.78	7.15	7.48	7.626
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/02/72-08/11/92	15	0.037	0.058	0.178	0.021	0.002	0.047	0.024	0.033	0.071	0.166
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	02/11/76-08/11/92	9	0.23	0.234	0.35	0.12	0.009	0.097	0.12	0.145	0.35	0.35
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/11/76-08/11/92	9	0.02	0.019	0.03	0.01	0.	0.008	0.01	0.01	0.025	0.03
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/11/76-08/11/92	9	0.11	0.091	0.13	0.05	0.001	0.035	0.05	0.055	0.12	0.13
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/11/76-08/11/92	9	0.03	0.032	0.05	0.02	0.	0.011	0.02	0.02	0.04	0.05
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/11/76-08/11/92	9	4.	3.667	4.6	2.5	0.93	0.964	2.5	2.65	4.6	4.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station CHCH0443

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/03/71-08/11/92	21	10.	11.619	49.	1.	163.848	12.8	1.	3.	16.	36.4
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/03/71-08/11/92	8	26.75	26.638	27.3	25.9	0.2	0.447	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/03/71-08/11/92	8	7.1	6.963	8.3	5.5	0.883	0.94	**	**	**	**
00400	PH (STANDARD UNITS)	08/02/72-08/11/92	8	7.35	7.35	7.5	7.2	0.014	0.12	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/02/72-08/11/92	8	7.347	7.336	7.5	7.2	0.015	0.12	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/02/72-08/11/92	8	0.045	0.046	0.063	0.032	0.	0.013	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	02/11/76-08/11/92	8	0.22	0.22	0.3	0.16	0.003	0.05	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/11/76-08/11/92	8 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/11/76-08/11/92	8	0.13	0.126	0.18	0.06	0.002	0.05	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/11/76-08/11/92	8	0.03	0.024	0.04	0.01	0.	0.012	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/11/76-08/11/92	8	2.1	2.2	2.8	2.	0.066	0.256	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station CHCH0443

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/03/71-08/11/92	13	16.	21.231	56.	1.	387.692	19.69	1.	3.	39.5	53.2
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/03/71-08/11/92	11	28.4	28.191	28.4	27.4	0.127	0.356	27.46	27.9	28.4	28.4
00300	OXYGEN, DISSOLVED MG/L	05/03/71-08/11/92	11	5.8	5.164	6.2	1.4	2.305	1.518	1.84	4.3	6.2	6.2
00400	PH (STANDARD UNITS)	08/02/72-08/11/92	11	7.31	7.215	7.4	6.79	0.045	0.211	6.818	7.02	7.39	7.398
00400	CONVERTED PH (STANDARD UNITS)	08/02/72-08/11/92	11	7.31	7.163	7.4	6.79	0.048	0.219	6.818	7.02	7.39	7.398
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/02/72-08/11/92	11	0.049	0.069	0.162	0.04	0.002	0.04	0.04	0.041	0.095	0.153
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/02/72-07/17/91	4	60.	60.	60.	60.	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	02/11/76-08/11/92	4	0.335	0.353	0.43	0.31	0.003	0.054	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/11/76-08/11/92	4	0.03	0.028	0.03	0.02	0.	0.005	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/11/76-08/11/92	4	0.15	0.148	0.15	0.14	0.	0.005	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/11/76-08/11/92	4	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/11/76-08/11/92	4	1.85	1.85	1.9	1.8	0.003	0.058	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station CHCH0443

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/03/71-08/11/92	25	10.	18.92	59.	1.	363.077	19.055	1.	3.	32.5	53.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/03/71-08/11/92	18	24.6	24.694	28.1	22.	7.417	2.723	22.	22.075	27.225	27.47
00300	OXYGEN, DISSOLVED MG/L	05/03/71-08/11/92	18	6.4	6.117	7.4	4.9	0.549	0.741	4.99	5.475	6.6	7.22
00400	PH (STANDARD UNITS)	08/02/72-08/11/92	18	7.23	7.206	7.39	6.45	0.043	0.208	6.945	7.208	7.318	7.372

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station CHCH0443

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	CONVERTED PH (STANDARD UNITS)	08/02/72-08/11/92	18	7.23	7.131	7.39	6.45	0.049	0.222	6.945	7.207	7.317	7.372
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/02/72-08/11/92	18	0.059	0.074	0.355	0.041	0.005	0.071	0.042	0.048	0.062	0.125
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	02/11/76-08/11/92	8	0.165	0.186	0.32	0.09	0.007	0.086	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/11/76-08/11/92	8	0.055	0.049	0.07	0.02	0.001	0.024	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/11/76-08/11/92	8	0.19	0.19	0.24	0.14	0.003	0.053	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/11/76-08/11/92	8	0.055	0.053	0.07	0.04	0.	0.012	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/11/76-08/11/92	8	2.	1.988	2.2	1.8	0.024	0.155	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 6/01 to 10/31 - Station CHCH0443

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/03/71-08/11/92	177	15.	17.734	59.	1.	238.423	15.441	2.8	3.	26.	43.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/03/71-08/11/92	165	25.6	25.785	28.4	23.	2.392	1.547	23.74	24.65	27.2	28.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/24/85-08/11/92	41	175.	179.634	222.	157.	497.388	22.302	158.	162.	201.5	216.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/73-09/21/79	69	180.	167.551	220.	75.	1277.045	35.736	95.	140.	190.	200.
00300	OXYGEN, DISSOLVED MG/L	05/03/71-08/11/92	165	6.	6.15	8.8	1.4	1.179	1.086	5.06	5.5	6.7	7.6
00400	PH (STANDARD UNITS)	08/02/72-08/11/92	112	7.3	7.323	8.5	6.3	0.165	0.406	6.9	7.1	7.44	7.9
00400	CONVERTED PH (STANDARD UNITS)	08/02/72-08/11/92	112	7.3	7.161	8.5	6.3	0.192	0.438	6.9	7.1	7.44	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/02/72-08/11/92	112	0.05	0.069	0.501	0.003	0.005	0.073	0.013	0.036	0.079	0.126
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/02/72-07/17/91	24	57.	54.167	60.	35.	54.319	7.37	37.	54.	58.	60.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/02/72-09/21/79	16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	07/24/85-08/11/92	20	59.	61.2	70.	54.	26.379	5.136	54.1	58.	66.	67.9
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	02/11/76-08/11/92	39	0.16	0.195	0.43	0.09	0.01	0.101	0.1	0.12	0.26	0.35
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/11/76-08/11/92	39	0.03	0.038	0.09	0.005	0.001	0.029	0.005	0.01	0.07	0.09
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/11/76-08/11/92	39	0.19	0.191	0.29	0.11	0.003	0.057	0.11	0.14	0.24	0.27
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/11/76-08/11/92	38	0.03	0.029	0.06	0.02	0.	0.011	0.02	0.02	0.04	0.041
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/24/85-08/11/92	21 ##	0.005	0.008	0.02	0.005	0.	0.005	0.005	0.005	0.01	0.018
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/11/76-08/11/92	30	2.15	2.543	4.6	1.7	0.858	0.926	1.8	1.9	2.7	4.59
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	07/24/85-08/11/92	30	6.	5.947	10.	3.85	2.333	1.527	4.	4.875	7.	8.
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	07/24/85-08/11/92	30 ##	0.5	0.818	2.	0.5	0.318	0.564	0.5	0.5	1.	2.
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	07/24/85-08/11/92	30	1.	0.8	1.	0.5	0.062	0.249	0.5	0.5	1.	1.
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	07/24/85-08/11/92	30	2.	1.633	3.	0.5	0.513	0.717	0.543	1.	2.	2.9
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	07/24/85-08/11/92	21	4.	4.371	6.5	1.2	1.368	1.17	3.08	3.75	5.15	5.94

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 2/29 - Station CHCH0443

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/03/71-08/11/92	187	10.	15.845	57.	1.	193.185	13.899	3.	3.	23.	39.8
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/03/71-08/11/92	186	13.35	11.177	18.3	2.4	23.847	4.883	3.5	6.6	15.225	17.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/73-09/21/79	105	170.	169.333	200.	130.	175.513	13.248	160.	160.	180.	184.
00300	OXYGEN, DISSOLVED MG/L	05/03/71-08/11/92	186	9.4	10.029	13.8	7.4	3.759	1.939	7.9	8.2	11.7	13.13
00400	PH (STANDARD UNITS)	08/02/72-08/11/92	107	7.4	7.361	7.7	6.	0.12	0.346	6.8	7.4	7.6	7.6
00400	CONVERTED PH (STANDARD UNITS)	08/02/72-08/11/92	107	7.4	7.106	7.7	6.	0.186	0.431	6.8	7.4	7.6	7.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/02/72-08/11/92	107	0.04	0.078	1.	0.02	0.028	0.167	0.025	0.025	0.04	0.158
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/02/72-07/17/91	23	46.	48.696	54.	45.	14.494	3.807	45.	45.	52.	54.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/02/72-09/21/79	23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	02/11/76-08/11/92	18	0.09	0.113	0.48	0.04	0.01	0.1	0.049	0.07	0.108	0.246
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/11/76-08/11/92	18	0.06	0.06	0.11	0.02	0.001	0.027	0.02	0.04	0.08	0.11
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/11/76-08/11/92	18	0.425	0.38	0.52	0.21	0.013	0.114	0.21	0.26	0.463	0.511
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/11/76-08/11/92	18	0.03	0.029	0.04	0.02	0.	0.005	0.02	0.03	0.03	0.04
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/11/76-08/11/92	18	1.8	1.878	2.7	1.2	0.154	0.392	1.38	1.675	2.2	2.61

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 3/01 to 5/31 - Station CHCH0443

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/03/71-08/11/92	125	10.	16.096	59.	1.	200.41	14.157	3.	3.	26.	39.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/03/71-08/11/92	113	18.	18.67	22.4	13.5	3.696	1.922	16.44	17.5	20.	22.06
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/24/85-08/11/92	17	170.	181.529	196.	169.	178.015	13.342	169.	169.	195.	196.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/73-09/21/79	53	150.	169.434	250.	140.	1655.443	40.687	140.	140.	170.	250.
00300	OXYGEN, DISSOLVED MG/L	05/03/71-08/11/92	113	8.2	8.134	10.2	3.4	1.321	1.149	6.8	7.5	8.85	9.7
00400	PH (STANDARD UNITS)	08/02/72-08/11/92	71	7.23	7.276	7.9	6.45	0.053	0.23	7.	7.2	7.4	7.58
00400	CONVERTED PH (STANDARD UNITS)	08/02/72-08/11/92	71	7.23	7.21	7.9	6.45	0.057	0.24	7.	7.2	7.4	7.58

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 3/01 to 5/31 - Station CHCH0443

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/02/72-08/11/92	71	0.059	0.062	0.355	0.013	0.002	0.045	0.026	0.04	0.063	0.1
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/02/72-07/17/91	13	45.	47.154	59.	40.	56.141	7.493	40.	41.	55.5	59.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/02/72-09/21/79	13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	07/24/85-08/11/92	12	59.5	58.167	61.	48.	14.333	3.786	50.4	56.	61.	61.
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	02/11/76-08/11/92	24	0.135	0.161	0.32	0.04	0.006	0.078	0.075	0.11	0.215	0.3
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/11/76-08/11/92	24	0.05	0.052	0.15	0.005	0.001	0.037	0.005	0.023	0.07	0.1
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/11/76-08/11/92	24	0.18	0.216	0.4	0.05	0.019	0.137	0.055	0.075	0.38	0.385
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/11/76-08/11/92	24	0.02	0.028	0.07	0.01	0.	0.017	0.01	0.02	0.038	0.06
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/24/85-08/11/92	12 ##	0.005	0.01	0.03	0.005	0.	0.01	0.005	0.005	0.01	0.03
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/11/76-08/11/92	24	2.1	2.142	2.9	1.1	0.205	0.453	1.4	1.9	2.475	2.75
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	07/24/85-08/11/92	19	11.	9.395	19.	2.	39.695	6.3	2.	2.	13.35	18.15
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	07/24/85-08/11/92	19 ##	0.5	0.605	1.	0.5	0.044	0.209	0.5	0.5	0.5	1.
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	07/24/85-08/11/92	19	1.	1.213	3.	0.5	0.687	0.829	0.5	0.5	2.	3.
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	07/24/85-08/11/92	19	2.	1.508	3.	0.5	0.675	0.822	0.5	0.675	2.	3.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	07/24/85-08/11/92	12	5.6	5.167	10.	1.	10.332	3.214	1.	1.375	7.6	9.7

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: CHCH0444

NPS Station ID: CHCH0444
LAT/LON: 35.111948/ -85.179170
Agency: 131TVAC
Date Created: 03/15/86
Location: BOOKER T. WASHINGTON STATE PARK
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 476677
RMI-Indexes: 1021500 007720 00920
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 473.60
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER 473.6
ECO Region:
RF1 Index: 06020001021
RF1 Mile Point: 2.990
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 06020001001800.00
RF3 Mile Point: 0.00
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0444

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/27/86-06/18/86	10	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/27/86-06/18/86	10	15.	23.5	60.	5.	483.611	21.991	5.	5.	45.	60.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/27/86-06/18/86	10	1.151	1.186	1.778	0.699	0.187	0.432	0.699	0.699	1.646	1.778
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			15.337								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0444

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	10	0	0.00	8	0	0.00				2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0445

NPS Station ID: CHCH0445
LAT/LON: 35.111948/ -85.370281
Agency: 131TVAC
Date Created: / /
Location: NICKAJACK RESERVOIR
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475338 /0966
RMI-Indexes: 1021500 007720 00920
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 453.00
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER 453.0
ECO Region:
RF1 Index: 06020001002
RF1 Mile Point: 1.290
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 06020001003305.53
RF3 Mile Point: 8.55
Distance from RF3: 0.06
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0445

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/07/67-12/05/73	112	10.	13.607	60.	0.	188.619	13.734	1.	5.	20.	30.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/23/73-12/05/73	109	19.3	18.151	26.2	7.3	37.854	6.153	7.3	13.7	24.1	25.4
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/23/73-12/05/73	46	10.	12.087	30.	5.	34.748	5.895	6.7	8.	15.	25.
00080	COLOR (PLATINUM-COBALT UNITS)	01/23/73-12/05/73	46	10.	12.935	30.	5.	49.529	7.038	5.	10.	15.	30.
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	01/23/73-12/05/73	46	30.	37.283	100.	15.	567.452	23.821	20.	25.	40.	100.
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	01/23/73-12/05/73	46 ##	0.5	0.565	1.	0.5	0.029	0.17	0.5	0.5	0.5	1.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/23/73-12/05/73	46	150.	154.13	200.	130.	353.671	18.806	140.	140.	170.	180.
00300	OXYGEN, DISSOLVED MG/L	01/23/73-12/05/73	109	7.4	7.705	12.	5.4	3.7	1.924	5.6	6.	8.9	11.2
00310	BOD, 5 DAY, 20 DEG C MG/L	01/23/73-12/05/73	46 ##	0.5	0.778	1.3	0.5	0.091	0.302	0.5	0.5	1.025	1.2
00335	COD, .025N K2CR2O7 MG/L	01/23/73-12/05/73	46	6.	6.609	19.	2.	8.555	2.925	2.7	5.	8.	10.
00400	PH (STANDARD UNITS)	01/23/73-12/05/73	46	7.15	7.1	7.6	6.	0.121	0.348	6.68	6.975	7.4	7.4
00400	CONVERTED PH (STANDARD UNITS)	01/23/73-12/05/73	46	7.147	6.906	7.6	6.	0.16	0.4	6.68	6.975	7.4	7.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/23/73-12/05/73	46	0.071	0.124	1.	0.025	0.034	0.185	0.04	0.04	0.106	0.23
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/23/73-12/05/73	45	50.	50.	64.	39.	47.864	6.918	40.	46.5	54.5	60.2
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/23/73-12/05/73	45	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/23/73-10/24/73	37	100.	97.027	120.	60.	188.138	13.716	86.	90.	100.	120.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/23/73-12/05/73	46	11.	11.63	24.	4.	18.905	4.348	6.	8.	15.	17.
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/23/73-12/05/73	46	0.115	0.115	0.35	0.005	0.004	0.064	0.015	0.078	0.15	0.186
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/23/73-12/05/73	46	0.07	0.073	0.15	0.03	0.001	0.028	0.04	0.06	0.09	0.11
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/05/73-12/05/73	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/23/73-12/05/73	46	0.37	0.423	0.73	0.06	0.014	0.12	0.31	0.338	0.51	0.58
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/05/73-12/05/73	1	0.18	0.18	0.18	0.18	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	12/05/73-12/05/73	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/23/73-12/05/73	46	0.049	0.048	0.215	0.01	0.001	0.028	0.026	0.039	0.052	0.063
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/23/73-12/05/73	45	0.02	0.024	0.049	0.005	0.	0.013	0.005	0.013	0.036	0.042
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	12/05/73-12/05/73	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00722	CYANIDE, FREE (AMENABLE TO CHLORINATION) MG/L	01/23/73-12/05/73	45 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
00916	CALCIUM, TOTAL (MG/L AS CA)	01/23/73-12/05/73	46	19.	19.739	23.	17.	3.619	1.902	17.7	18.	21.25	23.
00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/23/73-12/05/73	46	4.2	4.446	5.5	4.	0.212	0.461	4.	4.1	4.7	5.23
00929	SODIUM, TOTAL (MG/L AS NA)	01/23/73-12/05/73	46	5.05	5.75	17.	3.7	4.738	2.177	4.14	4.5	7.2	7.76
00937	POTASSIUM, TOTAL MG/L AS K)	01/23/73-12/05/73	46	1.85	1.828	2.2	1.5	0.038	0.194	1.5	1.675	2.	2.1
00940	CHLORIDE,TOTAL IN WATER MG/L	01/23/73-12/05/73	46	6.	6.63	10.	4.	2.46	1.569	5.	6.	8.	9.
00945	SULFATE, TOTAL (MG/L AS SO4)	01/23/73-12/05/73	46	12.	12.652	20.	10.	6.854	2.618	10.	11.	14.	16.6
00951	FLUORIDE, TOTAL (MG/L AS F)	01/23/73-12/05/73	46	0.07	0.072	0.09	0.06	0.	0.01	0.06	0.06	0.08	0.09
00956	SILICA, TOTAL (MG/L AS SI02)	01/23/73-12/05/73	46	5.	5.052	6.6	4.1	0.34	0.583	4.3	4.675	5.4	6.
01002	ARSENIC, TOTAL (UG/L AS AS)	01/23/73-12/05/73	46 ##	2.5	2.554	5.	2.5	0.136	0.369	2.5	2.5	2.5	2.5
01007	BARIUM, TOTAL (UG/L AS BA)	01/23/73-12/05/73	46 ##	50.	51.087	100.	50.	54.348	7.372	50.	50.	50.	50.
01012	BERYLLIUM, TOTAL (UG/L AS BE)	01/23/73-12/05/73	46 ##	5.	5.217	10.	5.	1.063	1.031	5.	5.	5.	5.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0445

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01027	CADMIUM, TOTAL (UG/L AS CD)	01/23/73-12/05/73	46 ##	0.5	0.511	1.	0.5	0.005	0.074	0.5	0.5	0.5	0.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/23/73-12/05/73	46 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01042	COPPER, TOTAL (UG/L AS CU)	01/23/73-12/05/73	46 ##	7.5	13.587	80.	5.	186.292	13.649	5.	5.	20.	23.
01045	IRON, TOTAL (UG/L AS FE)	01/23/73-12/05/73	46	605.	702.391	1500.	320.	102120.821	319.563	374.	450.	852.5	1400.
01046	IRON, DISSOLVED (UG/L AS FE)	01/23/73-12/05/73	46	70.	72.283	180.	25.	1961.896	44.293	25.	25.	110.	130.
01047	IRON, FERROUS (UG/L AS FE)	01/23/73-12/05/73	46	90.	99.565	200.	10.	2128.696	46.138	30.	77.5	140.	163.
01051	LEAD, TOTAL (UG/L AS PB)	01/23/73-12/05/73	46 ##	5.	5.413	12.	5.	2.559	1.6	5.	5.	5.	5.
01055	MANGANESE, TOTAL (UG/L AS MN)	01/23/73-12/05/73	46	70.	73.696	100.	40.	170.483	13.057	60.	60.	80.	90.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	01/23/73-12/05/73	46	20.	23.913	50.	5.	205.459	14.334	5.	10.	40.	40.
01067	NICKEL, TOTAL (UG/L AS NI)	01/23/73-12/05/73	46 ##	25.	32.826	260.	25.	1511.836	38.882	25.	25.	25.	25.
01077	SILVER, TOTAL (UG/L AS AG)	01/23/73-12/05/73	46 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01092	ZINC, TOTAL (UG/L AS ZN)	01/23/73-12/05/73	46	30.	30.543	80.	5.	215.809	14.69	17.	20.	40.	53.
01105	ALUMINUM, TOTAL (UG/L AS AL)	01/23/73-12/05/73	46	900.	1091.304	2900.	200.	471922.705	686.966	470.	600.	1300.	2730.
01147	SELENIUM, TOTAL (UG/L AS SE)	01/23/73-12/05/73	46 ##	0.5	1.022	5.	0.5	1.222	1.105	0.5	0.5	1.	3.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/23/73-12/05/73	26	305.	429.038	1480.	5.	153304.038	391.541	10.	80.	712.5	976.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/23/73-12/05/73	26	2.484	2.329	3.17	0.699	0.452	0.672	1.	1.903	2.853	2.985
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			213.427								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/07/67-09/07/67	3	39000.	34000.	39000.	24000.	75000000.	8660.254	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/07/67-09/07/67	3	4.591	4.521	4.591	4.38	0.015	0.122	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			33172.649								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/07/67-09/07/67	3	3600.	3800.	6200.	1600.	5320000.	2306.513	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/07/67-09/07/67	3	3.556	3.518	3.792	3.204	0.088	0.296	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3293.099								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/23/73-12/05/73	26	10.	35.385	240.	5.	3129.846	55.945	5.	5.	32.5	140.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/23/73-12/05/73	26	1.	1.206	2.38	0.699	0.263	0.513	0.699	0.699	1.508	2.146
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			16.056								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/23/73-10/24/73	20	1.5	2.625	17.	0.5	14.655	3.828	0.5	0.5	3.	6.8
46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	01/23/73-12/05/73	46	65.	67.565	80.	59.	41.985	6.48	61.	62.	72.5	79.
70001	COMPOSITE LOCATION IN A CROSS SECTION	09/07/67-09/07/67	1	1122.	1122.	1122.	1122.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/07/73-12/05/73	9	60.	70.	100.	10.	1025.	32.016	10.	50.	100.	100.
71900	MERCURY, TOTAL (UG/L AS HG)	01/23/73-12/05/73	46 ##	0.1	0.287	3.9	0.1	0.327	0.572	0.1	0.1	0.3	0.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0445

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	46	0	0.00	20	0	0.00	17	0	0.00	9	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	109	0	0.00	53	0	0.00	39	0	0.00	17	0	0.00			
00400	PH	Fresh Chronic	9.	46	0	0.00	20	0	0.00	17	0	0.00	9	0	0.00			
		Other-Lo Lim.	6.5	46	4	0.09	20	4	0.20	17	0	0.00	9	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00				1	0	0.00						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	46	0	0.00	20	0	0.00	17	0	0.00	9	0	0.00			
00720	CYANIDE, TOTAL	Fresh Acute	0.022	1	0	0.00				1	0	0.00						
		Drinking Water	0.2	1	0	0.00				1	0	0.00						
00722	CYANIDE, FREE (AMENABLE TO CHLORINATION)	Fresh Acute	0.022	45	0	0.00	20	0	0.00	16	0	0.00	9	0	0.00			
		Drinking Water	0.2	45	0	0.00	20	0	0.00	16	0	0.00	9	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	46	0	0.00	20	0	0.00	17	0	0.00	9	0	0.00			
		Drinking Water	250.	46	0	0.00	20	0	0.00	17	0	0.00	9	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	46	0	0.00	20	0	0.00	17	0	0.00	9	0	0.00			
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	46	0	0.00	20	0	0.00	17	0	0.00	9	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	46	0	0.00	20	0	0.00	17	0	0.00	9	0	0.00			
		Drinking Water	50.	46	0	0.00	20	0	0.00	17	0	0.00	9	0	0.00			
01007	BARIUM, TOTAL	Drinking Water	2000.	46	0	0.00	20	0	0.00	17	0	0.00	9	0	0.00			
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	46	0	0.00	20	0	0.00	17	0	0.00	9	0	0.00			
		Drinking Water	4.	2 &	2	1.00	2	2	1.00									
01027	CADMIUM, TOTAL	Fresh Acute	3.9	46	0	0.00	20	0	0.00	17	0	0.00	9	0	0.00			
		Drinking Water	5.	46	0	0.00	20	0	0.00	17	0	0.00	9	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	46	0	0.00	20	0	0.00	17	0	0.00	9	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0445

Parameter				Total	Exceed	Prop.	6/01-10/31			11/01-2/29			3/01-5/31			n/a		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
01042	COPPER, TOTAL	Fresh Acute	18.	46	17	0.37	20	9	0.45	17	1	0.06	9	7	0.78			
		Drinking Water	1300.	46	0	0.00	20	0	0.00	17	0	0.00	9	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	46	0	0.00	20	0	0.00	17	0	0.00	9	0	0.00			
		Drinking Water	15.	46	0	0.00	20	0	0.00	17	0	0.00	9	0	0.00			
01067	NICKEL, TOTAL	Fresh Acute	1400.	46	0	0.00	20	0	0.00	17	0	0.00	9	0	0.00			
		Drinking Water	100.	46	2	0.04	20	1	0.05	17	1	0.06	9	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	100.	46	0	0.00	20	0	0.00	17	0	0.00	9	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	46	0	0.00	20	0	0.00	17	0	0.00	9	0	0.00			
		Drinking Water	5000.	46	0	0.00	20	0	0.00	17	0	0.00	9	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	46	0	0.00	20	0	0.00	17	0	0.00	9	0	0.00			
		Drinking Water	50.	46	0	0.00	20	0	0.00	17	0	0.00	9	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	26	2	0.08	12	1	0.08	9	1	0.11	5	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	3	3	1.00	3	3	1.00									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	3	3	1.00	3	3	1.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	26	1	0.04	12	0	0.00	9	1	0.11	5	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	46	1	0.02	20	1	0.05	17	0	0.00	9	0	0.00			
		Drinking Water	2.	46	1	0.02	20	1	0.05	17	0	0.00	9	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0446

NPS Station ID: CHCH0446 LAT/LON: 35.112226/ -85.228615 Agency: 131TVAC Date Created: 07/25/92
Location: N. CHICKAMAUGA CK. GREENWAY - SWIMMING HOLE FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 477444
RMI-Indexes: 1021500 007720 00920 6233 Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 470.90 000.50
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: TENNESSEE RIVER BASIN Elevation: 0 Water Body Id:
Minor Basin: NORTH CHICKAMAUGA CREEK 0.5 ECO Region:
RF1 Index: 06020001 RF1 Mile Point: 0.000 Distance from RF1: 0.80 On/Off RF1:
RF3 Index: 06020001000711.79 RF3 Mile Point: 11.79 Distance from RF3: 0.03 On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0446

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/03/92-07/08/93	27	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/03/92-07/08/93	25	18.	868.36	15200.	0.5	9248196.552	3041.085	3.2	7.	172.	1738.4
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/03/92-07/08/93	25	1.255	1.517	4.182	-0.301	1.246	1.116	0.299	0.827	2.127	3.226
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			32.852								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0446

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	25	6	0.24	25	6	0.24									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0447

NPS Station ID: CHCH0447
LAT/LON: 35.114448/ -85.228615
Agency: 1113S090
Date Created: / /
Location: NORTH CHICKAMAUGA CR. TRIBUTARY
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 470250 /NCC-03
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001067
RF1 Mile Point: 0.860
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 06020001006700.00
RF3 Mile Point: 3.08
Distance from RF3: 0.01
On/Off RF3:
Description:
TRIBUTARY WEST BANK APPROXIMATELY 0.5 MILE FROM MOUTH

Parameter Inventory for Station: CHCH0447

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

***** Data for this station locked by controlling agency *****

Station Inventory for Station: CHCH0448

NPS Station ID: CHCH0448
LAT/LON: 35.116392/ -85.413337
Agency: 131TVAC
Date Created: / /
Location: NICKAJACK RESERVOIR
FIPS State/County: 47115 TENNESSEE/MARION
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475374 /0963
RMI-Indexes: 1021500 007720 00920
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 450.40
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER 450.4
ECO Region:
RF1 Index: 06020001001
RF1 Mile Point: 33.450
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 06020001029300.00
RF3 Mile Point: 1.55
Distance from RF3: 0.07
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0448

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/07/67-09/07/67	2	1.	1.	1.	1.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/07/67-09/07/67	1	22.	22.	22.	22.	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/07/67-09/07/67	1	31.	31.	31.	31.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/07/67-09/07/67	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	09/07/67-09/07/67	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/07/67-09/07/67	1	240.	240.	240.	240.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/07/67-09/07/67	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/07/67-09/07/67	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	09/07/67-09/07/67	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/07/67-09/07/67	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/07/67-09/07/67	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/07/67-09/07/67	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/07/67-09/07/67	1	52.	52.	52.	52.	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	09/07/67-09/07/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	09/07/67-09/07/67	1	110.	110.	110.	110.	0.	0.	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/07/67-09/07/67	1	90.	90.	90.	90.	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/07/67-09/07/67	1	0.53	0.53	0.53	0.53	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/07/67-09/07/67	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/07/67-09/07/67	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/07/67-09/07/67	1	0.32	0.32	0.32	0.32	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/07/67-09/07/67	1	0.046	0.046	0.046	0.046	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/07/67-09/07/67	1	0.036	0.036	0.036	0.036	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	09/07/67-09/07/67	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	09/07/67-09/07/67	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	09/07/67-09/07/67	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	09/07/67-09/07/67	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/07/67-09/07/67	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/07/67-09/07/67	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	09/07/67-09/07/67	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	09/07/67-09/07/67	1	5.2	5.2	5.2	5.2	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/07/67-09/07/67	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/07/67-09/07/67	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/07/67-09/07/67	1	250.	250.	250.	250.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/07/67-09/07/67	1	70.	70.	70.	70.	0.	0.	**	**	**	**
01047	IRON, FERROUS (UG/L AS FE)	09/07/67-09/07/67	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	09/07/67-09/07/67	1	50.	50.	50.	50.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/07/67-09/07/67	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/07/67-09/07/67	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0448

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01501	ALPHA, TOTAL	09/07/67-09/07/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01502	ALPHA, TOTAL, COUNTING ERROR	09/07/67-09/07/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01503	ALPHA, DISSOLVED	09/07/67-09/07/67	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01504	ALPHA, DISSOLVED, COUNTING ERROR	09/07/67-09/07/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01505	ALPHA, SUSPENDED	09/07/67-09/07/67	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01506	ALPHA, SUSPENDED, COUNTING ERROR	09/07/67-09/07/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
03501	BETA, TOTAL	09/07/67-09/07/67	1	3.	3.	3.	3.	0.	0.	**	**	**	**
03502	BETA, TOTAL, COUNTING ERROR	09/07/67-09/07/67	1	1.	1.	1.	1.	0.	0.	**	**	**	**
03503	BETA, DISSOLVED	09/07/67-09/07/67	1	3.	3.	3.	3.	0.	0.	**	**	**	**
03504	BETA, DISSOLVED, COUNTING ERROR	09/07/67-09/07/67	1	1.	1.	1.	1.	0.	0.	**	**	**	**
03505	BETA, SUSPENDED	09/07/67-09/07/67	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
03506	BETA, SUSPENDED, COUNTING ERROR	09/07/67-09/07/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/07/67-09/07/67	1	24000.	24000.	24000.	24000.	0.	0.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/07/67-09/07/67	1	4.38	4.38	4.38	4.38	0.	0.	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			24000.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/07/67-09/07/67	1	24000.	24000.	24000.	24000.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/07/67-09/07/67	1	4.38	4.38	4.38	4.38	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			24000.								
46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	09/07/67-09/07/67	1	72.	72.	72.	72.	0.	0.	**	**	**	**
70001	COMPOSITE LOCATION IN A CROSS SECTION	09/07/67-09/07/67	1	1122.	1122.	1122.	1122.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0448

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	1	1	1.00	1	1	1.00									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	1	1	1.00	1	1	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0449

NPS Station ID: CHCH0449
LAT/LON: 35.118059/ -85.192503
Agency: 131TVAC
Date Created: 04/11/87
Location: CHICKAMAUGA RESERVOIR
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 476994
RMI-Indexes: 1021500 007720 00920
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 473.40
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER 473.4
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 0.30
On/Off RF1:
RF3 Index: 06020001027600.00
RF3 Mile Point: 0.55
Distance from RF3: 0.08
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0449

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/01/87-07/22/91	556	20.	22.014	52.	1.	237.221	15.402	3.	5.	34.	44.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/01/87-09/19/89	541	19.5	19.199	30.	5.2	43.597	6.603	9.4	14.95	25.4	26.8
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/01/87-09/19/89	41	1.38	1.356	2.	1.	0.055	0.234	1.12	1.13	1.56	1.63
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/01/87-09/19/89	541	175.	178.018	209.	135.	287.137	16.945	158.	165.	190.	205.
00300	OXYGEN, DISSOLVED MG/L	04/01/87-09/19/89	543	8.3	8.348	12.4	4.4	4.141	2.035	5.6	6.7	10.	11.3
00400	PH (STANDARD UNITS)	04/01/87-09/19/89	529	7.6	7.731	8.9	7.	0.167	0.409	7.3	7.4	8.	8.4
00400	CONVERTED PH (STANDARD UNITS)	04/01/87-09/19/89	529	7.6	7.579	8.9	7.	0.19	0.436	7.3	7.4	8.	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/01/87-09/19/89	529	0.025	0.026	0.1	0.001	0.	0.02	0.004	0.01	0.04	0.05
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/01/87-07/22/91	44	4.75	6.152	20.	0.5	18.026	4.246	1.75	2.525	9.45	11.75
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	04/01/87-07/22/91	44 ##	0.5	0.755	2.5	0.5	0.244	0.494	0.5	0.5	1.	1.7
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	04/01/87-07/22/91	44 ##	0.5	0.927	2.6	0.5	0.31	0.557	0.5	0.5	1.2	1.9
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/01/87-07/22/91	44	1.25	1.509	6.	0.5	1.187	1.09	0.5	0.5	2.	3.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0449

			Total	Exceed	Prop.	6/01-10/31			11/01-2/29			3/01-5/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	543	0	0.00	235	0	0.00	74	0	0.00	234	0	0.00			
00400	PH	Fresh Chronic	9.	529	0	0.00	223	0	0.00	74	0	0.00	232	0	0.00			
		Other-Lo Lim.	6.5	529	0	0.00	223	0	0.00	74	0	0.00	232	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0450

NPS Station ID: CHCH0450
Location: TENNESSEE RIVER
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes: 1021500 007720 00920
RMI-Miles: 0953.80 0046.50 450.40
HUC: 06020001
Major Basin: TENNESSEE RIVER
Minor Basin: TENNESSEE RIVER
RF1 Index: 06020001001
RF3 Index: 06020001029300.00
Description:

LAT/LON: 35.118059/ -85.411115

Depth of Water: 0
Elevation: 0

RF1 Mile Point: 33.450
RF3 Mile Point: 6.81

Agency: 21TNWQ
FIPS State/County: 47115 TENNESSEE/MARION
STORET Station ID(s): 003300 /333300 /233300
Within Park Boundary: No

Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.03

Date Created: / /

On/Off RF1: ON
On/Off RF3:

Parameter Inventory for Station: CHCH0450

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/13/64-08/20/64	59	19.	18.627	50.	1.	260.652	16.145	1.	1.	26.	45.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/13/64-08/20/64	59	26.	24.968	27.	5.6	20.612	4.54	25.	26.	26.	27.
00064	DEPTH OF STREAM, MEAN (FT)	05/13/64-08/20/64	59	38.	37.373	50.	22.	102.203	10.11	25.	26.	50.	50.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/13/64-08/20/64	59	16.	18.627	81.	8.	121.652	11.03	10.	12.	22.	28.
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	05/13/64-08/20/64	59	84.	91.881	210.	9.	1181.313	34.37	62.	68.	107.	137.
00300	OXYGEN, DISSOLVED MG/L	05/13/64-08/20/64	59	5.6	6.471	26.	4.4	21.03	4.586	4.7	5.	5.9	6.
00310	BOD, 5 DAY, 20 DEG C MG/L	05/13/64-08/20/64	59	1.1	1.168	2.	0.5	0.114	0.338	0.8	0.9	1.4	1.6
00403	PH, LAB, STANDARD UNITS SU	05/13/64-08/20/64	59	7.	6.992	7.3	6.6	0.023	0.15	6.8	6.9	7.1	7.2
00403	CONVERTED PH, LAB, STANDARD UNITS	05/13/64-08/20/64	59	7.	6.966	7.3	6.6	0.023	0.152	6.8	6.9	7.1	7.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/13/64-08/20/64	59	0.1	0.108	0.251	0.05	0.002	0.039	0.063	0.079	0.126	0.158

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0450

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	59	1	0.02	58	1	0.02				1	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	59	0	0.00	58	0	0.00				1	0	0.00			
00403	PH, LAB	Fresh Chronic	9.	59	0	0.00	58	0	0.00				1	0	0.00			
		Other-Lo Lim.	6.5	59	0	0.00	58	0	0.00				1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0451

NPS Station ID: CHCH0451 | LAT/LON: 35.123615/ -85.393809 | Agency: 11NPSWRD | Date Created: 04/03/99
Location: TNMR511R | FIPS State/County: 47115 TENNESSEE/MARION
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): CHCH_NURE_15 /4085593
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 06020001 | Depth of Water: 0 | Aquifer:
Major Basin: TENNESSEE RIVER | Elevation: 0 | Water Body Id:
Minor Basin: TENNESSEE R-MAIN STEM & MINOR TRIBS | ECO Region:
RF1 Index: 06020001 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 06020001011302.01 | RF3 Mile Point: 3.41 | Distance from RF3: 0.11 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WAUHATCHIE TENNESSEE 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THIS SITE IS AT A SPRING AND IS LOCATED OUTSIDE OF THE CHICKAMAUGA AND CHATTANOOGA NATIONAL MILITARY PARK BOUNDARIES. EACH SAMPLE WAS FILTERED THROUGH A LESS THAN OR EQUAL TO 0.8 UM FILTER AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATABASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K.D. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATABASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUNDWATER DATA. THE "UNIQID" ENTRY WAS USED TO CREATE THE SECONARY STATION NAME. THE "SRLID" (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) ENTRY WAS USED TO CREATE THE LOCATION. SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY RONDA BURNS; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FT. COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: CHCH0451

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/25/78-08/25/78	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/25/78-08/25/78	1	270.	270.	270.	270.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/25/78-08/25/78	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/25/78-08/25/78	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/25/78-08/25/78	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/25/78-08/25/78	1	185.	185.	185.	185.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/25/78-08/25/78	1	5.3	5.3	5.3	5.3	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/25/78-08/25/78	1	3.05	3.05	3.05	3.05	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/25/78-08/25/78	1	94.	94.	94.	94.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	08/25/78-08/25/78	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/25/78-08/25/78	1	82.	82.	82.	82.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	08/25/78-08/25/78	1	0.332	0.332	0.332	0.332	0.	0.	**	**	**	**
50700	FLUORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	08/25/78-08/25/78	1	111.	111.	111.	111.	0.	0.	**	**	**	**
50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	08/25/78-08/25/78	1	2200.	2200.	2200.	2200.	0.	0.	**	**	**	**
82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	08/25/78-08/25/78	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0451

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0452

NPS Station ID: CHCH0452
LAT/LON: 35.124448/ -85.390560
Agency: 112WRD
Date Created: 07/21/79
Location: SUCK CREEK NEAR CHATTANOOGA, TN
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 03569245
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 06020001076
RF1 Mile Point: 0.610
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 06020001006802.07
RF3 Mile Point: 2.47
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0452

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/22/79-08/19/81	6	17.	17.083	27.	9.5	47.642	6.902	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/22/79-08/19/81	6	39.	97.203	440.	0.02	29011.622	170.328	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/22/79-08/19/81	6	102.5	102.167	148.	55.	1350.167	36.745	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/19/81-08/19/81	1	9.4	9.4	9.4	9.4	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/22/79-08/19/81	6	4.85	5.	5.8	4.5	0.252	0.502	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/22/79-08/19/81	6	4.847	4.82	5.8	4.5	0.291	0.539	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/22/79-08/19/81	6	14.219	15.124	31.623	1.585	137.306	11.718	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/19/81-08/19/81	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/19/81-08/19/81	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/19/81-08/19/81	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/22/79-08/19/81	6	2.	2.583	6.	0.5	4.242	2.06	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/19/81-08/19/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/19/81-08/19/81	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	08/19/81-08/19/81	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/19/81-08/19/81	1	57.	57.	57.	57.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/19/81-08/19/81	1	55.	55.	55.	55.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/19/81-08/19/81	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/19/81-08/19/81	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/19/81-08/19/81	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/19/81-08/19/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	08/19/81-08/19/81	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/19/81-08/19/81	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/19/81-08/19/81	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	05/22/79-08/19/81	6	35.	34.	48.	16.	159.6	12.633	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/19/81-08/19/81	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/19/81-08/19/81	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	08/19/81-08/19/81	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	09/05/79-07/15/80	2	0.	0.	0.	0.	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	08/19/81-08/19/81	1	100.	100.	100.	100.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	08/19/81-08/19/81	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/05/79-07/15/80	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/05/79-07/15/80	2 ##	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/19/81-08/19/81	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	09/05/79-07/15/80	2 ##	12.5	12.5	20.	5.	112.5	10.607	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/19/81-08/19/81	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/05/79-07/15/80	2 ##	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
01044	IRON, SUSPENDED (UG/L AS FE)	05/22/79-08/19/81	5	340.	300.	450.	150.	16850.	129.808	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	05/22/79-08/19/81	6	300.	306.667	490.	100.	22146.667	148.818	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0452

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01046	IRON, DISSOLVED (UG/L AS FE)	05/22/79-08/19/81	6	55.	48.333	60.	20.	256.667	16.021	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	08/19/81-08/19/81	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/05/79-07/15/80	2 ##	12.5	12.5	20.	5.	112.5	10.607	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	09/05/79-07/15/80	2	323.	323.	580.	66.	132098.	363.453	**	**	**	**
01054	MANGANESE, SUSPENDED (UG/L AS MN)	05/22/79-07/15/80	5	0.	88.	390.	0.	28970.	170.206	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	05/22/79-03/18/80	4	650.	665.	1100.	260.	132900.	364.555	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/22/79-08/19/81	6	565.	556.667	750.	260.	32386.667	179.963	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	08/19/81-08/19/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/19/81-08/19/81	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	09/05/79-07/15/80	2	35.5	35.5	50.	21.	420.5	20.506	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	08/19/81-08/19/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	09/05/79-07/15/80	2	0.	0.	0.	0.	0.	0.	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	09/05/79-07/15/80	2	9650.	9650.	14000.	5300.	37845000.	6151.829	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/19/81-08/19/81	1	100.	100.	100.	100.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/19/81-08/19/81	1	75.	75.	75.	75.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	08/19/81-08/19/81	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/19/81-08/19/81	1	0.14	0.14	0.14	0.14	0.	0.	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	05/22/79-05/22/79	1	9.	9.	9.	9.	0.	0.	**	**	**	**
71825	ACIDITY, TOTAL (MG/L AS H)	05/22/79-08/19/81	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	08/19/81-08/19/81	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/05/79-07/15/80	2	0.	0.	0.	0.	0.	0.	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	05/22/79-07/15/80	5	7.	9.	17.	3.	34.	5.831	**	**	**	**
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	05/22/79-07/15/80	4	1.67	4.585	15.	0.	50.009	7.072	**	**	**	**
82031	COAL IN BOTTOM MATERIAL DRY WEIGHT GRAMS/KG	07/15/80-07/15/80	1	26.	26.	26.	26.	0.	0.	**	**	**	**
82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	08/19/81-08/19/81	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0452

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00400	PH	Fresh Chronic	9.	6	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00			
		Other-Lo Lim.	6.5	6	6	1.00	3	3	1.00	1	1	1.00	2	2	1.00			
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00720	CYANIDE, TOTAL	Fresh Acute	0.022	1	0	0.00	1	0	0.00									
		Drinking Water	0.2	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	6	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01007	BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00	1	0	0.00									
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	1	0	0.00	1	0	0.00									
01077	SILVER, TOTAL	Fresh Acute	4.1	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
01147	SELENIUM, TOTAL	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0452

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
71900 MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
	Drinking Water	2.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0453

NPS Station ID: CHCH0453
LAT/LON: 35.124726/ -85.390837
Agency: 11EPALES
Date Created: / /
Location: SUCK CREEK
FIPS State/County: 47000 TENNESSEE/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 4717E1
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: T/NICKAJCK LAKE
Elevation: 0
Water Body Id:
Minor Basin: TN HWY 27 BRDG NEAR JCT KELLYS FERRY
ECO Region:
RF1 Index: 06020001076
RF1 Mile Point: 0.610
Distance from RF1: 16.30
On/Off RF1: ON
RF3 Index: 06020001042600.68
RF3 Mile Point: 1.50
Distance from RF3: 0.04
On/Off RF3:
Description:
TN HWY 27 BRIDGE NEAR JCT WITH KELLYS FERRY ROAD

Parameter Inventory for Station: CHCH0453

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/14/73-03/26/74	13	0.042	0.069	0.41	0.02	0.011	0.103	0.022	0.028	0.055	0.27
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/14/73-03/26/74	13 ##	0.001	0.001	0.002	0.001	0.	0.	0.001	0.001	0.001	0.002
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/14/73-03/26/74	13	0.036	0.043	0.08	0.015	0.	0.021	0.015	0.031	0.061	0.08
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/14/73-03/26/74	13	0.16	0.394	1.6	0.05	0.274	0.523	0.05	0.05	0.685	1.44
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/14/73-03/26/74	13	0.04	0.045	0.08	0.02	0.	0.02	0.02	0.03	0.06	0.08
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/14/73-03/26/74	12 ##	0.004	0.007	0.025	0.003	0.	0.008	0.003	0.003	0.009	0.024
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/14/73-03/26/74	12 ##	0.003	0.003	0.007	0.003	0.	0.002	0.003	0.003	0.003	0.007

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0453

				Total	Exceed	Prop.	6/01-10/31			11/01-2/29			3/01-5/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	13	0	0.00	5	0	0.00	5	0	0.00	3	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	13	0	0.00	5	0	0.00	5	0	0.00	3	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	13	0	0.00	5	0	0.00	5	0	0.00	3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0454

NPS Station ID: CHCH0454
LAT/LON: 35.127503/ -85.215559
Agency: 1113S090
Date Created: / /
Location: NORTH CHICKAMAUGA CR. TRIBUTARY
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 470245 /NCC-02
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001067
RF1 Mile Point: 2.300
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 06020001006702.52
RF3 Mile Point: 2.62
Distance from RF3: 0.03
On/Off RF3:
Description:
TRIBUTARY ENTERING FROM WEST SIDE APPROXIMATELY 2.5 MILES FROM MOUTH

Parameter Inventory for Station: CHCH0454

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

***** Data for this station locked by controlling agency *****

Station Inventory for Station: CHCH0455

NPS Station ID: CHCH0455
Location: NORTH CHICKAMAUGA CREEK
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes: 1021500 007720 00920 6233
RMI-Miles: 0953.80 0046.50 470.90 003.30
HUC: 06020001
Major Basin: TENNESSEE RIVER
Minor Basin: TENNESSEE RIVER
RF1 Index: 06020001027
RF3 Index: 06020001006703.87
Description:
BRIDGE ON MAMILL ROAD

LAT/LON: 35.129170/ -85.215559
Depth of Water: 0
Elevation: 0
RF1 Mile Point: 19.120
RF3 Mile Point: 8.24

Agency: 21TNWQ
FIPS State/County: 47065 TENNESSEE/HAMILTON
STORET Station ID(s): 001950 /331950 /231950
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.11

Date Created: / /
On/Off RF1: OFF
On/Off RF3:

Parameter Inventory for Station: CHCH0455

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/25/65-05/27/65	3	19.	19.333	20.	19.	0.333	0.577	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/25/65-05/27/65	3	11.	10.	12.	7.	7.	2.646	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	05/25/65-05/27/65	3	58.	59.667	66.	55.	32.333	5.686	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/25/65-05/27/65	3	6.8	6.7	6.8	6.5	0.03	0.173	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	05/25/65-05/27/65	3	0.6	0.667	0.8	0.6	0.013	0.115	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	05/25/65-05/27/65	3	6.7	6.667	6.7	6.6	0.003	0.058	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	05/25/65-05/27/65	3	6.7	6.664	6.7	6.6	0.003	0.058	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/25/65-05/27/65	3	0.2	0.217	0.251	0.2	0.001	0.03	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/25/65-05/27/65	3	60.	60.667	64.	58.	9.333	3.055	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	05/25/65-05/27/65	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00437	ACIDITY, CO2 (PHENOLPHTHALEIN) (MG/L AS CACO3)	05/25/65-05/27/65	3	2.	2.	2.	2.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/25/65-05/27/65	3	14.	13.333	16.	10.	9.333	3.055	**	**	**	**
00545	RESIDUE, SETTLEABLE (ML/L)	05/25/65-05/27/65	3 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/25/65-05/27/65	3	6.	6.333	8.	5.	2.333	1.528	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0455

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	3	0	0.00							3	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	3	0	0.00							3	0	0.00			
00403	PH, LAB	Fresh Chronic	9.	3	0	0.00							3	0	0.00			
		Other-Lo Lim.	6.5	3	0	0.00							3	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	0	0.00							3	0	0.00			
		Drinking Water	250.	3	0	0.00							3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0456

NPS Station ID: CHCH0456 LAT/LON: 35.129170/ -85.215559 Agency: 112WRD Date Created: 01/25/77
Location: NORTH CHICKAMAUGA CREEK AT HAMILLVILLE, TN FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 03566633
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 06020001027 RF1 Mile Point: 19.120 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 06020001088906.59 RF3 Mile Point: 6.93 Distance from RF3: 0.02 On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0456

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/23/75-09/14/76	13	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/23/75-09/14/76	13	16.	15.531	22.	7.	23.837	4.882	8.2	10.75	19.5	22.
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/24/73-06/09/76	17	167.	220.059	570.	50.	23309.309	152.674	77.2	118.5	285.5	514.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/23/75-09/14/76	13	3.4	3.508	7.2	1.8	2.089	1.445	1.88	2.3	4.25	6.2
00080	COLOR (PLATINUM-COBALT UNITS)	10/23/75-09/14/76	13	4.	5.077	15.	1.	15.077	3.883	1.4	2.5	6.5	13.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/23/75-09/14/76	13	120.	125.154	200.	93.	1220.808	34.94	93.8	104.5	125.	200.
00300	OXYGEN, DISSOLVED MG/L	10/23/75-09/14/76	13	8.6	8.469	11.1	6.7	1.762	1.328	6.74	7.4	9.6	10.58
00310	BOD, 5 DAY, 20 DEG C MG/L	10/23/75-09/14/76	13 ##	0.5	0.615	1.4	0.5	0.083	0.288	0.5	0.5	0.5	1.28
00335	COD, .025N K2CR2O7 MG/L	10/23/75-09/14/76	13	3.	3.308	7.	2.	2.064	1.437	2.	2.	4.	5.8
00400	PH (STANDARD UNITS)	10/23/75-09/14/76	13	7.3	7.346	8.5	5.6	0.398	0.631	6.24	7.25	7.6	8.22
00400	CONVERTED PH (STANDARD UNITS)	10/23/75-09/14/76	13	7.3	6.639	8.5	5.6	0.94	0.97	6.24	7.25	7.6	8.22
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/75-09/14/76	13	0.05	0.23	2.512	0.003	0.47	0.686	0.008	0.025	0.057	1.532
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/23/75-09/14/76	13	46.	50.692	110.	24.	546.897	23.386	28.	35.5	51.	101.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/23/75-09/14/76	13	3.	3.346	8.	0.5	4.474	2.115	0.7	2.	5.	6.8
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	10/23/75-09/14/76	13	0.06	0.078	0.15	0.02	0.002	0.045	0.028	0.045	0.12	0.15
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/23/75-09/14/76	13	0.03	0.037	0.07	0.02	0.	0.018	0.02	0.02	0.05	0.07
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/23/75-09/14/76	13	0.35	0.342	0.42	0.28	0.001	0.038	0.284	0.31	0.37	0.4
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/23/75-09/14/76	13	0.03	0.03	0.06	0.01	0.	0.014	0.014	0.02	0.04	0.056
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	11/25/75-09/14/76	12	0.01	0.012	0.04	0.005	0.	0.011	0.005	0.005	0.01	0.037
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/23/75-09/14/76	13	54.	57.385	99.	29.	363.923	19.077	33.8	45.	65.	95.
00916	CALCIUM, TOTAL (MG/L AS CA)	10/23/75-09/14/76	13	16.	17.154	27.	8.	28.141	5.305	9.6	14.	20.5	26.6
00927	MAGNESIUM, TOTAL (MG/L AS MG)	10/23/75-09/14/76	13	3.2	3.531	7.7	2.	2.429	1.559	2.12	2.65	3.55	6.94
00929	SODIUM, TOTAL (MG/L AS NA)	10/23/75-09/14/76	13	1.3	1.469	2.	1.2	0.064	0.253	1.24	1.3	1.7	1.92
00937	POTASSIUM, TOTAL MG/L AS K)	10/23/75-09/14/76	13	0.6	0.592	0.8	0.5	0.009	0.095	0.5	0.5	0.65	0.76
00940	CHLORIDE,TOTAL IN WATER MG/L	10/23/75-09/14/76	13	3.	3.308	4.	3.	0.231	0.48	3.	3.	4.	4.
00945	SULFATE, TOTAL (MG/L AS SO4)	10/23/75-09/14/76	13	9.	8.115	14.	0.5	12.923	3.595	1.1	7.	10.	12.8
00951	FLUORIDE, TOTAL (MG/L AS F)	10/23/75-09/14/76	12 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/23/75-09/14/76	13	4.9	5.	5.9	4.4	0.167	0.408	4.48	4.7	5.3	5.7
01045	IRON, TOTAL (UG/L AS FE)	10/23/75-09/14/76	13	410.	367.692	720.	140.	26019.231	161.305	148.	220.	465.	624.
01046	IRON, DISSOLVED (UG/L AS FE)	11/25/75-09/14/76	12	95.	102.083	250.	25.	4392.992	66.28	25.	36.25	142.5	226.
01047	IRON, FERROUS (UG/L AS FE)	10/23/75-10/23/75	1	75.	75.	75.	75.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	10/23/75-09/14/76	13	60.	62.308	90.	30.	335.897	18.328	34.	45.	80.	86.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	11/25/75-09/14/76	12	50.	50.	70.	20.	181.818	13.484	26.	40.	60.	67.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/25/75-01/13/76	3	200.	138.333	210.	5.	13358.333	115.578	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/25/75-01/13/76	3	2.301	1.774	2.322	0.699	0.867	0.931	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			59.439								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/23/75-09/14/76	13	100.	131.923	670.	5.	29402.244	171.471	5.	32.5	150.	470.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/23/75-09/14/76	13	2.	1.787	2.826	0.699	0.448	0.669	0.699	1.239	2.175	2.588

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0456

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			61.269								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/23/75-09/14/76	13	80.	80.769	120.	50.	407.692	20.191	54.	65.	95.	116.
70302	SOLIDS, DISSOLVED-TONS PER DAY	11/25/75-06/09/76	9	39.4	41.367	81.	13.6	379.267	19.475	13.6	30.7	52.15	81.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/23/75-09/14/76	13	0.11	0.111	0.16	0.07	0.001	0.027	0.074	0.09	0.13	0.156

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0456

				Total	Exceed	Prop.	----------6/01-10/31----------			----------11/01-2/29----------			----------3/01-5/31----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	13	0	0.00	6	0	0.00	4	0	0.00	3	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	13	0	0.00	6	0	0.00	4	0	0.00	3	0	0.00			
00400	PH	Fresh Chronic	9.	13	0	0.00	6	0	0.00	4	0	0.00	3	0	0.00			
		Other-Lo Lim.	6.5	13	1	0.08	6	0	0.00	4	0	0.00	3	1	0.33			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	13	0	0.00	6	0	0.00	4	0	0.00	3	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	13	0	0.00	6	0	0.00	4	0	0.00	3	0	0.00			
		Drinking Water	250.	13	0	0.00	6	0	0.00	4	0	0.00	3	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	13	0	0.00	6	0	0.00	4	0	0.00	3	0	0.00			
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	12	0	0.00	6	0	0.00	3	0	0.00	3	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	3	0	0.00				3	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	13	1	0.08	6	0	0.00	4	0	0.00	3	1	0.33			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0457

NPS Station ID: CHCH0457
LAT/LON: 35.129448/ -85.215559
Agency: 131TVAC
Date Created: / /
Location:
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475751 /2813
RMI-Indexes: 1021500 007720 00920 6233
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 470.90 003.34
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: TENNESSEE RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: NORTH CHICKAMAUGA CREEK 3.34
ECO Region:
RF1 Index: 06020001027
RF1 Mile Point: 19.120
Distance from RF1: 1.60
On/Off RF1: OFF
RF3 Index: 06020001000710.86
RF3 Mile Point: 11.04
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0457

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/24/73-12/07/76	24	1.	1.25	5.	1.	0.804	0.897	1.	1.	1.	2.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/24/73-12/07/76	21	14.	14.324	22.8	7.	28.316	5.321	8.1	9.35	20.3	21.9
00061	FLOW, STREAM, INSTANTANEOUS CFS	07/13/76-12/07/76	7	34.	42.857	94.	14.	882.143	29.701	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/24/73-12/07/76	17	6.	17.488	200.	2.	2223.912	47.158	2.08	3.	9.5	52.
00080	COLOR (PLATINUM-COBALT UNITS)	01/24/73-12/07/76	17	5.	10.5	70.	2.5	244.375	15.632	4.5	5.	10.	26.
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	01/24/73-12/07/76	30	15.	28.3	400.	3.	5000.079	70.711	5.1	10.	25.	30.
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	01/24/73-12/04/73	14 ##	0.5	0.571	1.	0.5	0.033	0.182	0.5	0.5	0.5	1.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/24/73-12/07/76	17	120.	132.529	220.	66.	1913.64	43.745	66.8	95.5	170.	188.
00300	OXYGEN, DISSOLVED MG/L	01/24/73-12/07/76	18	8.2	8.367	10.6	5.2	2.348	1.532	6.55	7.05	9.925	10.6
00310	BOD, 5 DAY, 20 DEG C MG/L	01/24/73-12/07/76	20 ##	0.5	0.92	3.3	0.5	0.643	0.802	0.5	0.5	1.175	2.59
00335	COD, .025N K2CR2O7 MG/L	01/24/73-12/07/76	17	5.	5.206	21.	0.5	22.189	4.711	0.5	3.	5.	12.2
00400	PH (STANDARD UNITS)	01/24/73-12/07/76	17	7.1	6.965	7.6	6.3	0.194	0.44	6.3	6.5	7.35	7.52
00400	CONVERTED PH (STANDARD UNITS)	01/24/73-12/07/76	17	7.1	6.758	7.6	6.3	0.239	0.489	6.3	6.5	7.35	7.52
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/24/73-12/07/76	17	0.079	0.175	0.501	0.025	0.03	0.172	0.03	0.045	0.325	0.501
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/24/73-12/07/76	17	44.	50.	97.	15.	509.125	22.564	15.	35.5	66.5	82.6
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/24/73-12/07/76	30	0.	0.067	2.	0.	0.133	0.365	0.	0.	0.	0.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/24/73-10/23/73	12	85.	79.167	120.	50.	517.424	22.747	50.	60.	97.5	114.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/24/73-12/07/76	17	5.	19.265	200.	0.5	2216.129	47.076	1.7	3.	14.5	59.2
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/24/73-12/07/76	17	0.08	0.127	0.73	0.005	0.029	0.171	0.005	0.025	0.14	0.346
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/24/73-12/07/76	17	0.03	0.043	0.12	0.01	0.001	0.034	0.01	0.02	0.07	0.104
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/24/73-12/07/76	17	0.36	0.353	0.71	0.2	0.016	0.126	0.2	0.25	0.4	0.534
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/24/73-12/07/76	17	0.026	0.039	0.215	0.005	0.002	0.048	0.011	0.02	0.037	0.099
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/24/73-12/07/76	17	0.02	0.02	0.05	0.005	0.	0.011	0.005	0.012	0.023	0.034
00916	CALCIUM, TOTAL (MG/L AS CA)	01/24/73-11/16/76	16	19.	18.875	35.	6.	63.983	7.999	6.7	13.25	25.5	30.8
00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/24/73-11/16/76	16	3.6	4.088	6.6	1.9	2.615	1.617	1.9	2.7	5.425	6.53
00929	SODIUM, TOTAL (MG/L AS NA)	01/24/73-12/07/76	17	1.6	1.794	4.	1.1	0.616	0.785	1.1	1.25	1.95	3.44
00937	POTASSIUM, TOTAL MG/L AS K)	01/24/73-12/07/76	17	0.9	1.188	4.3	0.6	0.856	0.925	0.68	0.8	1.	3.02
00940	CHLORIDE,TOTAL IN WATER MG/L	01/24/73-12/07/76	17	3.	3.765	7.	2.	1.941	1.393	2.8	3.	4.	7.
00945	SULFATE, TOTAL (MG/L AS SO4)	01/24/73-12/07/76	17	8.	8.059	11.	5.	2.434	1.56	5.8	7.	9.5	10.2
00951	FLUORIDE, TOTAL (MG/L AS F)	01/24/73-12/07/76	17	0.04	0.043	0.05	0.03	0.	0.008	0.03	0.04	0.05	0.05
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/12/76-12/07/76	3	5.	4.933	5.8	4.	0.813	0.902	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	01/24/73-12/04/73	14	4.75	4.679	5.3	3.7	0.27	0.519	3.85	4.25	5.2	5.25
01045	IRON, TOTAL (UG/L AS FE)	01/24/73-11/16/76	16	325.	893.125	8700.	220.	4359676.25	2087.984	234.	250.	462.5	3135.
01046	IRON, DISSOLVED (UG/L AS FE)	01/24/73-12/07/76	17	100.	103.529	280.	25.	4780.515	69.141	25.	37.5	145.	200.
01047	IRON, FERROUS (UG/L AS FE)	01/24/73-12/04/73	14	65.	68.929	210.	5.	3142.995	56.062	5.	23.75	97.5	165.
01055	MANGANESE, TOTAL (UG/L AS MN)	01/24/73-11/16/76	16	70.	78.75	150.	40.	918.333	30.304	47.	60.	97.5	129.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	01/24/73-12/07/76	16	60.	61.875	110.	20.	642.917	25.356	20.	50.	87.5	96.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/24/73-11/16/76	17	100.	811.765	10200.	5.	5968243.566	2442.999	5.	5.	445.	3080.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0457

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/24/73-11/16/76	17	2.	1.845	4.009	0.699	1.064	1.031	0.699	0.699	2.647	3.293
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			70.018								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/24/73-12/07/76	21 ##	5.	306.905	3000.	5.	673378.69	820.597	5.	5.	110.	2070.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/24/73-12/07/76	21 ##	0.699	1.372	3.477	0.699	0.856	0.925	0.699	0.699	2.011	3.227
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			23.546								
46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	01/24/73-11/16/76	29	55.	60.724	110.	23.	532.993	23.087	29.	43.	74.5	99.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/06/73-12/07/76	5	100.	94.	120.	60.	580.	24.083	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0457

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	17	1	0.06	8	1	0.13	7	0	0.00	2	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	18	0	0.00	8	0	0.00	8	0	0.00	2	0	0.00			
00400	PH	Fresh Chronic	9.	17	0	0.00	8	0	0.00	7	0	0.00	2	0	0.00			
		Other-Lo Lim.	6.5	17	4	0.24	8	2	0.25	7	2	0.29	2	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	17	0	0.00	8	0	0.00	7	0	0.00	2	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	17	0	0.00	8	0	0.00	7	0	0.00	2	0	0.00			
		Drinking Water	250.	17	0	0.00	8	0	0.00	7	0	0.00	2	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	17	0	0.00	8	0	0.00	7	0	0.00	2	0	0.00			
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	17	0	0.00	8	0	0.00	7	0	0.00	2	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	17	2	0.12	7	1	0.14	8	1	0.13	2	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	21	4	0.19	9	2	0.22	10	2	0.20	2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0458

NPS Station ID: CHCH0458
Location: BETHEL BIBLE SCHOOL
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes: 1021500 007720 00920 6233
RMI-Miles: 0953.80 0046.50 470.90 003.45
HUC: 06020001
Major Basin: TENNESSEE RIVER BASIN
Minor Basin: NORTH CHICKAMAUGA CREEK 3.45
RF1 Index: 06020001
RF3 Index: 06020001006700.00
Description:

LAT/LON: 35.130559/ -85.215281
Depth of Water: 0
Elevation: 0
RF1 Mile Point: 0.000
RF3 Mile Point: 0.13

Agency: 131TVAC
FIPS State/County: 47065 TENNESSEE/HAMILTON
STORET Station ID(s): 477439
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 2.10
Distance from RF3: 0.01

Date Created: 06/27/92
On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: CHCH0458

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/26/92-07/08/93	33	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/26/92-07/08/93	33	82.	1006.394	13600.	5.	10303893.934	3209.968	18.	27.	136.	2287.2
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/26/92-07/08/93	33	1.914	1.948	4.134	0.699	0.641	0.8	1.255	1.431	2.133	3.288
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			88.798								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0458

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	33	6	0.18	29	6	0.21				4	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0459

NPS Station ID: CHCH0459 LAT/LON: 35.131948/ -85.236115 Agency: 112WRD Date Created: 10/10/92
Location: 8PHEMERAL CHANNEL AT NORTHGATE SHPG CTR HIXSON,
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 035666325
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 06020001 RF1 Mile Point: 0.000 Distance from RF1: 1.20 On/Off RF1:
RF3 Index: 06020001006700.00 RF3 Mile Point: 1.27 Distance from RF3: 0.01 On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0459

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/92-03/12/93	19	8.	14.105	29.5	6.5	99.322	9.966	6.5	7.	27.5	29.5
00061	FLOW, STREAM, INSTANTANEOUS CFS	07/31/92-03/12/93	20	0.15	0.671	3.	0.01	0.997	0.998	0.021	0.053	0.925	2.9
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/31/92-03/12/93	19	145.	154.211	258.	45.	3622.731	60.189	50.	120.	208.	220.
00340	COD, .25N K2CR2O7 MG/L	07/31/92-03/12/93	3	190.	152.333	210.	57.	6916.333	83.164	**	**	**	**
00400	PH (STANDARD UNITS)	07/31/92-03/12/93	2	7.825	7.825	8.	7.65	0.061	0.247	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/31/92-03/12/93	2	7.791	7.791	8.	7.65	0.064	0.252	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/92-03/12/93	2	0.016	0.016	0.022	0.01	0.	0.009	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/92-03/12/93	3	7.	6.967	7.2	6.7	0.063	0.252	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/92-03/12/93	3	7.	6.918	7.2	6.7	0.067	0.259	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/92-03/12/93	3	0.1	0.121	0.2	0.063	0.005	0.071	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/31/92-03/12/93	3	48.	38.667	49.	19.	290.333	17.039	**	**	**	**
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	07/31/92-03/12/93	3	4.	4.	5.	3.	1.	1.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	03/12/93-03/12/93	1	0.52	0.52	0.52	0.52	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/31/92-12/04/92	2	0.21	0.21	0.26	0.16	0.005	0.071	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	03/12/93-03/12/93	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/31/92-12/04/92	2	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/31/92-03/12/93	3	1.9	1.533	2.2	0.5	0.823	0.907	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/31/92-12/04/92	2	0.7	0.7	1.1	0.3	0.32	0.566	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	03/12/93-03/12/93	1	2.7	2.7	2.7	2.7	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/31/92-03/12/93	3	0.16	0.17	0.27	0.08	0.009	0.095	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/31/92-03/12/93	3	0.1	0.123	0.22	0.05	0.008	0.087	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/31/92-03/12/93	3	53.	40.333	58.	10.	696.333	26.388	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	07/31/92-03/12/93	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/92-03/12/93	3	20.	18.2	26.	8.6	78.12	8.839	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/92-03/12/93	3	2.	1.8	2.6	0.8	0.84	0.917	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/92-03/12/93	3	1.5	1.6	2.8	0.5	1.33	1.153	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/92-03/12/93	3	1.2	1.1	1.5	0.6	0.21	0.458	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/31/92-03/12/93	3	3.	2.6	4.	0.8	2.68	1.637	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/31/92-03/12/93	3	18.	16.333	25.	6.	92.333	9.609	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	07/31/92-03/12/93	3 ##	0.5	0.667	1.	0.5	0.083	0.289	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	07/31/92-03/12/93	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	07/31/92-03/12/93	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/31/92-03/12/93	3	7.	7.667	10.	6.	4.333	2.082	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/31/92-03/12/93	3	12.	10.667	13.	7.	10.333	3.215	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/31/92-03/12/93	3	39.	33.667	41.	21.	121.333	11.015	**	**	**	**
01059	THALLIUM, TOTAL (UG/L AS TL)	07/31/92-03/12/93	3 ##	2.5	3.333	5.	2.5	2.083	1.443	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	07/31/92-03/12/93	3	5.	4.667	7.	2.	6.333	2.517	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	07/31/92-03/12/93	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0459

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01092	ZINC, TOTAL (UG/L AS ZN)	07/31/92-03/12/93	3	140.	153.333	220.	100.	3733.333	61.101	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	07/31/92-03/12/93	3 ##	1.	0.833	1.	0.5	0.083	0.289	**	**	**	**
30217	DIBROMOMETHANE, WATER, WHOLE, RECOVERABLE UG/L	07/31/92-03/12/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	07/31/92-03/12/93	6	3300.	13210.	60000.	860.	535751000.	23146.296	**	**	**	**
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	07/31/92-03/12/93	6	3.518	3.667	4.778	2.934	0.419	0.647	**	**	**	**
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			4649.703								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/31/92-03/12/93	6	1400.	47216.667	240000.	1200.	9134917666.667	95576.763	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/31/92-03/12/93	6	3.145	3.741	5.38	3.079	0.987	0.993	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			5502.064								
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	07/31/92-03/12/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	07/31/92-03/12/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	07/31/92-03/12/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
32104	BROMOFORM,WHOLE WATER,UG/L	07/31/92-03/12/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	07/31/92-03/12/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
32106	CHLOROFORM,WHOLE WATER,UG/L	07/31/92-03/12/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	07/31/92-03/12/93	3 ##	0.1	0.133	0.2	0.1	0.003	0.058	**	**	**	**
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	07/31/92-03/12/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34200	ACENAPHTHYLENE TOTWUG/L	07/31/92-03/12/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34205	ACENAPHTHENE TOTWUG/L	07/31/92-03/12/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34210	ACROLEIN TOTWUG/L	07/31/92-03/12/93	3 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34215	ACRYLONITRILE TOTWUG/L	07/31/92-03/12/93	3 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34220	ANTHRACENE TOTWUG/L	07/31/92-03/12/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	07/31/92-03/12/93	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	07/31/92-03/12/93	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34247	BENZO-A-PYRENE TOTWUG/L	07/31/92-03/12/93	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	07/31/92-03/12/93	3 ##	0.045	0.045	0.045	0.045	0.	0.	**	**	**	**
34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	07/31/92-03/12/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	07/31/92-03/12/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	07/31/92-03/12/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	07/31/92-03/12/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34301	CHLOROBENZENE TOTWUG/L	07/31/92-03/12/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34311	CHLOROETHANE TOTWUG/L	07/31/92-03/12/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34320	CHRYSENE TOTWUG/L	07/31/92-03/12/93	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34336	DIETHYL PHTHALATE TOTWUG/L	07/31/92-03/12/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34341	DIMETHYL PHTHALATE TOTWUG/L	07/31/92-03/12/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34351	ENDOSULFAN SULFATE TOTWUG/L	07/31/92-03/12/93	3 ##	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
34356	ENDOSULFAN, BETA TOTWUG/L	07/31/92-03/12/93	3 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
34361	ENDOSULFAN, ALPHA TOTWUG/L	07/31/92-03/12/93	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34366	ENDRIN ALDEHYDE TOTWUG/L	07/31/92-03/12/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	07/31/92-03/12/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34376	FLUORANTHENE TOTWUG/L	07/31/92-03/12/93	3	6.	6.	7.	5.	1.	1.	**	**	**	**
34381	FLUORENE TOTWUG/L	07/31/92-03/12/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	07/31/92-03/12/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34396	HEXACHLOROETHANE TOTWUG/L	07/31/92-03/12/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	07/31/92-03/12/93	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34408	ISOPHORONE TOTWUG/L	07/31/92-03/12/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34413	METHYL BROMIDE TOTWUG/L	07/31/92-03/12/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34418	METHYL CHLORIDE TOTWUG/L	07/31/92-03/12/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34423	METHYLENE CHLORIDE TOTWUG/L	07/31/92-03/12/93	3 ##	0.1	0.567	1.5	0.1	0.653	0.808	**	**	**	**
34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	07/31/92-03/12/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34433	N-NITROSODIPHENYLAMINE TOTWUG/L	07/31/92-03/12/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34438	N-NITROSODIMETHYLAMINE TOTWUG/L	07/31/92-03/12/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34447	NITROBENZENE TOTWUG/L	07/31/92-03/12/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34452	PARACHLOROMETA CRESOL TOTWUG/L	07/31/92-03/12/93	3 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
34461	PHENANTHRENE TOTWUG/L	07/31/92-03/12/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34469	PYRENE TOTWUG/L	07/31/92-03/12/93	3 ##	2.5	3.333	5.	2.5	2.083	1.443	**	**	**	**
34475	TETRACHLOROETHYLENE TOTWUG/L	07/31/92-03/12/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	07/31/92-03/12/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34496	1,1-DICHLOROETHANE TOTWUG/L	07/31/92-03/12/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34501	1,1-DICHLOROETHYLENE TOTWUG/L	07/31/92-03/12/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	07/31/92-03/12/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	07/31/92-03/12/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	07/31/92-03/12/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0459

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	07/31/92-03/12/93	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	07/31/92-03/12/93	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34536	1,2-DICHLOROBENZENE TOTWUG/L	07/31/92-03/12/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34541	1,2-DICHLOROPROPANE TOTWUG/L	07/31/92-03/12/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	07/31/92-03/12/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	07/31/92-03/12/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	07/31/92-03/12/93	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34566	1,3-DICHLOROBENZENE TOTWUG/L	07/31/92-03/12/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34571	1,4-DICHLOROBENZENE TOTWUG/L	07/31/92-03/12/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	07/31/92-03/12/93	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34581	2-CHLORONAPHTHALENE TOTWUG/L	07/31/92-03/12/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34586	2-CHLOROPHENOL TOTWUG/L	07/31/92-03/12/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34591	2-NITROPHENOL TOTWUG/L	07/31/92-03/12/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34596	DI-N-OCTYL PHTHALATE TOTWUG/L	07/31/92-03/12/93	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34601	2,4-DICHLOROPHENOL TOTWUG/L	07/31/92-03/12/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34606	2,4-DIMETHYLPHENOL TOTWUG/L	07/31/92-03/12/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34611	2,4-DINITROTOLUENE TOTWUG/L	07/31/92-03/12/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34616	2,4-DINITROPHENOL TOTWUG/L	07/31/92-03/12/93	3 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	07/31/92-03/12/93	3 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34626	2,6-DINITROTOLUENE TOTWUG/L	07/31/92-03/12/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	07/31/92-03/12/93	3 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	07/31/92-03/12/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	07/31/92-03/12/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34646	4-NITROPHENOL TOTWUG/L	07/31/92-03/12/93	3 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	07/31/92-03/12/93	3 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
34668	DICHLORODIFUOROMETHANE TOTWUG/L	07/31/92-03/12/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34671	PCB - 1016 TOTWUG/L	07/31/92-03/12/93	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	07/31/92-03/12/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34696	NAPHTHALENE TOTWUG/L	07/31/92-03/12/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	07/31/92-03/12/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	07/31/92-03/12/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	07/31/92-03/12/93	3 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
39062	CHLORDANE-CIS ISOMER,WHOLE WATER SAMPL (UG/L)	07/31/92-03/12/93	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39065	CHLORDANE-TRNS ISOMER,WHOLE WATER SAMPL (UG/L)	07/31/92-03/12/93	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	07/31/92-03/12/93	3	8.	7.	8.	5.	3.	1.732	**	**	**	**
39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	07/31/92-03/12/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	07/31/92-03/12/93	3 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	07/31/92-03/12/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	07/31/92-03/12/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	07/31/92-03/12/93	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	07/31/92-03/12/93	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	07/31/92-03/12/93	3 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	07/31/92-03/12/93	3 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	07/31/92-03/12/93	3 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	07/31/92-03/12/93	3 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	07/31/92-03/12/93	3 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	07/31/92-03/12/93	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	07/31/92-03/12/93	3 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	07/31/92-03/12/93	3 ##	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	07/31/92-03/12/93	3 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	07/31/92-03/12/93	3 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	07/31/92-03/12/93	3 ##	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	07/31/92-03/12/93	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	07/31/92-03/12/93	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	07/31/92-03/12/93	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	07/31/92-03/12/93	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	07/31/92-03/12/93	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	07/31/92-03/12/93	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	07/31/92-03/12/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE(UG/L)	07/31/92-03/12/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/31/92-03/12/93	3	125.	101.667	149.	31.	3889.333	62.365	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	07/31/92-03/12/93	3 ##	0.05	0.067	0.1	0.05	0.001	0.029	**	**	**	**
77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	07/31/92-03/12/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: CHCH0459

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
77128	STYRENE WHOLE WATER,UG/L	07/31/92-03/12/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77168	1,1-DICHLOROPROPENE WHOLE WATER,UG/L	07/31/92-03/12/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77170	2,2-DICHLOROPROPANE WHOLE WATER,UG/L	07/31/92-03/12/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77173	1,3-DICHLOROPROPANE WHOLE WATER,UG/L	07/31/92-03/12/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77222	1,2,4-TRIMETHYLBENZENE WHOLE WATER,UG/L	07/31/92-03/12/93	3 ##	0.1	0.2	0.4	0.1	0.03	0.173	**	**	**	**
77223	ISOPROPYLBENZENE WHOLE WATER,UG/L	07/31/92-03/12/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77224	N-PROPYLBENZENE WHOLE WATER,UG/L	07/31/92-03/12/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77226	1,3,5-TRIMETHYLBENZENE WHOLE WATER,UG/L	07/31/92-03/12/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77275	1-METHYL-2-CHLOROBENZENE (O-CHLOR*WHOLE WATER,UG/L	07/31/92-03/12/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77277	1-METHYL-4-CHLOROBENZENE (P-CHLOR*WHOLE WATER,UG/L	07/31/92-03/12/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77342	N-BUTYLBENZENE WHOLE WATER,UG/L	07/31/92-03/12/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77350	SEC-BUTYLBENZENE WHOLE WATER,UG/L	07/31/92-03/12/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77353	TERT-BUTYLBENZENE WHOLE WATER,UG/L	07/31/92-03/12/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77356	1-METHYL-4-ISOPROPYLBENZENE WHOLE WATER,UG/L	07/31/92-03/12/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77443	1,2,3-TRICHLOROPROPANE WHOLE WATER,UG/L	07/31/92-03/12/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77562	1,1,1,2-TETRACHLOROETHANE WHOLE WATER,UG/L	07/31/92-03/12/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77613	1,2,3-TRICHLOROBENZENE WHOLE WATER,UG/L	07/31/92-03/12/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	07/31/92-03/12/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77652	1,1,2-TRICHLORO-1,2,2-TRIFLUOROET*WHOLE WATER,UG/L	12/04/92-03/12/93	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
80082	BOD, CARBONACEOUS, 5 DAY, 20 DEG C MG/L	07/31/92-12/04/92	2	41.75	41.75	47.5	36.	66.125	8.132	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	07/31/92-03/12/93	19	38.	80.105	841.	16.	34241.877	185.046	17.	23.	49.	78.
81551	XYLENE WHL WATER SMPL UG/L	07/31/92-03/12/93	3 ##	0.1	0.167	0.3	0.1	0.013	0.115	**	**	**	**
81555	BROMOBENZENE WHL WATER SMPL UG/L	07/31/92-03/12/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82625	DIBROMOCHLOROPROPANE, WATER,TOTAL RECOVERABLE,UG/L	07/31/92-03/12/93	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82626	1,2-DIPHENYLHYDRAZINE,WATER,TOTAL RECOVERABLE,UG/L	07/31/92-03/12/93	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0459

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	2	0	0.00	1	0	0.00				1	0	0.00			
		Other-Lo Lim.	6.5	2	0	0.00	1	0	0.00				1	0	0.00			
00403	PH, LAB	Fresh Chronic	9.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00							1	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	1	0	0.00	1	0	0.00						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00	1	0	0.00	1	0	0.00						
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00							1	0	0.00			
00720	CYANIDE, TOTAL	Fresh Acute	0.022	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	0.2	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	250.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	50.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	4.	0 &	0	0.00												
01027	CADMIUM, TOTAL	Fresh Acute	3.9	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	5.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	1300.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	15.	3	3	1.00	1	1	1.00	1	1	1.00	1	1	1.00			
01059	THALLIUM, TOTAL	Fresh Acute	1400.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	2.	0 &	0	0.00												
01067	NICKEL, TOTAL	Fresh Acute	1400.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	100.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0459

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01077	SILVER, TOTAL	Fresh Acute	4.1	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	100.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	3	2	0.67	1	1	1.00	1	0	0.00	1	1	1.00			
		Drinking Water	5000.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	50.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	6	6	1.00	2	2	1.00	3	3	1.00	1	1	1.00			
32101	BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
32102	CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	5.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
32103	1,2-DICHLOROETHANE,WHOLE WATER	Fresh Acute	118000.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	5.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
32104	BROMOFORM, WHOLE WATER	Drinking Water	100.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
32105	DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
32106	CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	100.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	1000.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34205	ACENAPHTHENE, TOTAL	Fresh Acute	1700.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34210	ACROLEIN, TOTAL	Fresh Acute	68.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34215	ACRYLONITRILE, TOTAL	Fresh Acute	7550.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34301	CHLOROBENZENE, TOTAL	Drinking Water	100.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34356	ENDOSULFAN, BETA, TOTAL	Fresh Acute	0.22	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34361	ENDOSULFAN, ALPHA, TOTAL	Fresh Acute	0.22	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34371	ETHYLBENZENE, TOTAL	Fresh Acute	32000.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	700.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34376	FLUORANTHENE, TOTAL	Fresh Acute	3980.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL	Fresh Acute	7.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	50.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34396	HEXACHLOROETHANE, TOTAL	Fresh Acute	980.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34403	INDENO (1,2,3-CD) PYRENE, TOTAL	Drinking Water	0.4	0 &	0	0.00												
34408	ISOPHORONE, TOTAL	Fresh Acute	117000.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34423	METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34447	NITROBENZENE, TOTAL	Fresh Acute	27000.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34452	PARACHLOROMETA CRESOL, TOTAL	Fresh Acute	30.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34461	PHENANTHRENE, TOTAL	Fresh Acute	30.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34475	TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	5.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34501	1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34506	1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34511	1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34536	1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34541	1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34551	1,2,4-TRICHLOROBENZENE, TOTAL	Drinking Water	70.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34566	1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34571	1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34586	2-CHLOROPHENOL, TOTAL	Fresh Acute	4380.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34601	2,4-DICHLOROPHENOL, TOTAL	Fresh Acute	2020.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34606	2,4-DIMETHYLPHENOL, TOTAL	Fresh Acute	2120.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34611	2,4-DINITROTOLUENE, TOTAL	Fresh Acute	330.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34694	PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	Fresh Acute	10200.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34696	NAPHTHALENE, TOTAL	Fresh Acute	2300.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	1.	0 &	0	0.00												
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	Fresh Acute	2000.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	6.	3	2	0.67	1	0	0.00	1	1	1.00	1	1	1.00			
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: CHCH0459

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	5.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
39300	P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
39310	P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
39320	P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	0.2	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	2.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	2.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	0 &	0	0.00												
		Drinking Water	3.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	0.4	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	0.2	0 &	0	0.00												
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	1.	0 &	0	0.00												
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPL	Fresh Acute	90.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	2.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
77093	CIS-1,2-DICHLOROETHYLENE, WHOLE WATER	Drinking Water	70.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
77128	STYRENE, WHOLE WATER	Drinking Water	100.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
77651	1,2-DIBROMOETHANE, WHOLE WATER	Drinking Water	0.05	0 &	0	0.00												
82625	DIBROMOCHLOROPROPANE, WATER, TOTAL RECOV	Drinking Water	0.2	0 &	0	0.00												

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0460

NPS Station ID: CHCH0460
LAT/LON: 35.136670/ -85.227782
Agency: 1113S090
Date Created: / /
Location: NORTH CHICKAMAUGA CREEK
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 470240 /NCC-01
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001067
RF1 Mile Point: 3.240
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 06020001001800.00
RF3 Mile Point: 0.00
Distance from RF3: 0.03
On/Off RF3:
Description:
TRIBUTARY APPROXIMATELY 3.5 MILES FROM MOUTH ENTERING WEST SIDE

Parameter Inventory for Station: CHCH0460

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

***** Data for this station locked by controlling agency *****

Station Inventory for Station: CHCH0461

NPS Station ID: CHCH0461
LAT/LON: 35.145838/ -85.267226
Agency: 1113S090
Date Created: / /
Location: TENN RIV BELOW CHICK DAM MIDCHAN
FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM
STORET Station ID(s): 470105 /TRC-01
RMI-Indexes: 1021500 007720 00920
Within Park Boundary: No
RMI-Miles: 0953.80 0046.50 470.00
HUC: 06020001
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: TENNESSEE RIVER BASIN
ECO Region:
RF1 Index: 06020001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 06020001124000.00
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CHCH0461

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

***** Data for this station locked by controlling agency *****

Station Inventory for Station: CHCH0462

NPS Station ID: CHCH0462 | LAT/LON: 35.150115/ -85.284503 | Agency: 11NPSWRD | Date Created: 04/03/99
Location: TNHM510R | FIPS State/County: 47065 TENNESSEE/HAMILTON
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): CHCH_NURE_06 /4084867
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 06020001 | Depth of Water: 0 | Aquifer:
Major Basin: TENNESSEE RIVER | Elevation: 0 | Water Body Id:
Minor Basin: TENNESSEE R-MAIN STEM & MINOR TRIBS | ECO Region:
RF1 Index: 06020001 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 06020001011302.01 | RF3 Mile Point: 3.41 | Distance from RF3: 0.11 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE FAIRMOUNT TENNESSEE 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THIS SITE IS AT A SPRING AND IS LOCATED OUTSIDE OF THE CHICKAMAUGA AND CHATTANOOGA NATIONAL MILITARY PARK BOUNDARIES. EACH SAMPLE WAS FILTERED THROUGH A LESS THAN OR EQUAL TO 0.8 UM FILTER AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATABASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K.D. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATABASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUNDWATER DATA. THE "UNIQID" ENTRY WAS USED TO CREATE THE SECONARY STATION NAME. THE "SRLID" (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) ENTRY WAS USED TO CREATE THE LOCATION. SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY RONDA BURNS; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FT. COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: CHCH0462

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/78-09/20/78	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/78-09/20/78	1	240.	240.	240.	240.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	09/20/78-09/20/78	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	09/20/78-09/20/78	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/20/78-09/20/78	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/20/78-09/20/78	1	185.	185.	185.	185.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/20/78-09/20/78	1	4.7	4.7	4.7	4.7	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/20/78-09/20/78	1	3.2	3.2	3.2	3.2	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/20/78-09/20/78	1	122.	122.	122.	122.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	09/20/78-09/20/78	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/20/78-09/20/78	1	69.	69.	69.	69.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/20/78-09/20/78	1	0.141	0.141	0.141	0.141	0.	0.	**	**	**	**
50700	FLUORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	09/20/78-09/20/78	1	62.	62.	62.	62.	0.	0.	**	**	**	**
50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	09/20/78-09/20/78	1	3300.	3300.	3300.	3300.	0.	0.	**	**	**	**
82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	09/20/78-09/20/78	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0462

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: CHCH0463

NPS Station ID: CHCH0463 LAT/LON: 35.155809/ -85.400615 Agency: 11NPSWRD Date Created: 04/03/99
Location: TNMR508R FIPS State/County: 47115 TENNESSEE/MARION
Station Type: /TYPA/AMBNT/SPRING STORET Station ID(s): CHCH_NURE_13 /4085590
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 06020001 Depth of Water: 0 Aquifer:
Major Basin: TENNESSEE RIVER Elevation: 0 Water Body Id:
Minor Basin: TENNESSEE R-MAIN STEM & MINOR TRIBS ECO Region:
RF1 Index: 06020001 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 06020001011302.01 RF3 Mile Point: 3.41 Distance from RF3: 0.11 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE KETNER GAP TENNESSEE 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THIS SITE IS AT A SPRING AND IS LOCATED OUTSIDE OF THE CHICKAMAUGA AND CHATTANOOGA NATIONAL MILITARY PARK BOUNDARIES. EACH SAMPLE WAS FILTERED THROUGH A LESS THAN OR EQUAL TO 0.8 UM FILTER AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATABASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K.D. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATABASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUNDWATER DATA. THE "UNIQID" ENTRY WAS USED TO CREATE THE SECONARY STATION NAME. THE "SRLID" (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) ENTRY WAS USED TO CREATE THE LOCATION. SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY RONDA BURNS; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FT. COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: CHCH0463

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/78-08/24/78	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/24/78-08/24/78	1	100.	100.	100.	100.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/24/78-08/24/78	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/24/78-08/24/78	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/24/78-08/24/78	1	0.501	0.501	0.501	0.501	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/24/78-08/24/78	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/24/78-08/24/78	1	2.8	2.8	2.8	2.8	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/24/78-08/24/78	1	4.72	4.72	4.72	4.72	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/24/78-08/24/78	1	83.	83.	83.	83.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	08/24/78-08/24/78	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/24/78-08/24/78	1	56.	56.	56.	56.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	08/24/78-08/24/78	1	0.075	0.075	0.075	0.075	0.	0.	**	**	**	**
50700	FLUORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	08/24/78-08/24/78	1	26.	26.	26.	26.	0.	0.	**	**	**	**
50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	08/24/78-08/24/78	1	5700.	5700.	5700.	5700.	0.	0.	**	**	**	**
82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	08/24/78-08/24/78	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: CHCH0463

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Entire CHCH Study Area

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2765	159	0.06	1623	63	0.04	617	25	0.04	525	71	0.14			
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	742	61	0.08	293	12	0.04	261	30	0.11	188	19	0.10			
00154	SULFATE (AS S) WHOLE WATER	Drinking Water	250.	8	0	0.00	1	0	0.00	7	0	0.00						
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	10444 &	763	0.07	6443	689	0.11	1871	18	0.01	2130	56	0.03			
00400	PH	Fresh Chronic	9.	7019	36	0.01	4200	16	0.00	1140	8	0.01	1679	12	0.01			
		Other-Lo Lim.	6.5	7018 &	202	0.03	4199	103	0.02	1140	47	0.04	1679	52	0.03			
00403	PH, LAB	Fresh Chronic	9.	2233	53	0.02	1338	16	0.01	466	7	0.02	429	30	0.07			
		Other-Lo Lim.	6.5	2233	87	0.04	1338	45	0.03	466	10	0.02	429	32	0.07			
00406	PH, FIELD	Fresh Chronic	9.	26	0	0.00	19	0	0.00	7	0	0.00						
		Other-Lo Lim.	6.5	26	1	0.04	19	1	0.05	7	0	0.00						
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	29	0	0.00	12	0	0.00	6	0	0.00	11	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	498	18	0.04	257	12	0.05	142	4	0.03	99	2	0.02			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	17	0	0.00	9	0	0.00	2	0	0.00	6	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	555	24	0.04	272	12	0.04	163	6	0.04	120	6	0.05			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3059	72	0.02	1334	63	0.05	952	3	0.00	773	6	0.01			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	39	0	0.00	18	0	0.00	4	0	0.00	17	0	0.00			
00720	CYANIDE, TOTAL	Fresh Acute	0.022	48	4	0.08	24	0	0.00	8	1	0.13	16	3	0.19			
		Drinking Water	0.2	48	4	0.08	24	0	0.00	8	1	0.13	16	3	0.19			
00722	CYANIDE, FREE (AMENABLE TO CHLORINATION)	Fresh Acute	0.022	327	28	0.09	151	14	0.09	116	9	0.08	60	5	0.08			
		Drinking Water	0.2	327	6	0.02	151	6	0.04	116	0	0.00	60	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1786	2	0.00	987	2	0.00	475	0	0.00	324	0	0.00			
		Drinking Water	250.	1786	8	0.00	987	5	0.01	475	0	0.00	324	3	0.01			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1489	4	0.00	670	4	0.01	490	0	0.00	329	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	609 &	0	0.00	422	0	0.00	101	0	0.00	86	0	0.00			
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	751	0	0.00	341	0	0.00	291	0	0.00	119	0	0.00			
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	27	0	0.00	15	0	0.00	4	0	0.00	8	0	0.00			
		Drinking Water	50.	27	0	0.00	15	0	0.00	4	0	0.00	8	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	1021	0	0.00	460	0	0.00	327	0	0.00	234	0	0.00			
		Drinking Water	50.	1021	5	0.00	460	1	0.00	327	1	0.00	234	3	0.01			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	14	0	0.00	6	0	0.00	4	0	0.00	4	0	0.00			
01007	BARIUM, TOTAL	Drinking Water	2000.	496	0	0.00	237	0	0.00	166	0	0.00	93	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	14	0	0.00	6	0	0.00	4	0	0.00	4	0	0.00			
		Drinking Water	4.	13 &	0	0.00	5	0	0.00	4	0	0.00	4	0	0.00			
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	361	0	0.00	171	0	0.00	127	0	0.00	63	0	0.00			
		Drinking Water	4.	8 &	4	0.50	6	2	0.33	2	2	1.00						
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	22 &	2	0.09	12	2	0.17	3	0	0.00	7	0	0.00			
		Drinking Water	5.	23 &	1	0.04	13	1	0.08	3	0	0.00	7	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1512 &	54	0.04	829	21	0.03	443	23	0.05	240	10	0.04			
		Drinking Water	5.	1513 &	38	0.03	830	12	0.01	443	18	0.04	240	8	0.03			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	25	0	0.00	13	0	0.00	4	0	0.00	8	0	0.00			
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	5	0	0.00	5	0	0.00									
		Drinking Water	100.	5	0	0.00	5	0	0.00									
01033	CHROMIUM, TRI-VAL	Fresh Acute	1700.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	1657	54	0.03	910	14	0.02	459	29	0.06	288	11	0.04			
01040	COPPER, DISSOLVED	Fresh Acute	18.	25	2	0.08	13	1	0.08	4	0	0.00	8	1	0.13			
		Drinking Water	1300.	25	0	0.00	13	0	0.00	4	0	0.00	8	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	1636 &	410	0.25	883	188	0.21	454	104	0.23	299	118	0.39			
		Drinking Water	1300.	1730	1	0.00	977	0	0.00	454	1	0.00	299	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	27	0	0.00	15	0	0.00	4	0	0.00	8	0	0.00			
		Drinking Water	15.	27	5	0.19	15	3	0.20	4	1	0.25	8	1	0.13			
01051	LEAD, TOTAL	Fresh Acute	82.	1699 &	88	0.05	914	14	0.02	496	50	0.10	289	24	0.08			
		Drinking Water	15.	1512 &	181	0.12	819	57	0.07	434	84	0.19	259	40	0.15			
01057	THALLIUM, DISSOLVED	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									
01059	THALLIUM, TOTAL	Fresh Acute	1400.	48	0	0.00	34	0	0.00	9	0	0.00	5	0	0.00			
		Drinking Water	2.	4 &	0	0.00	4	0	0.00									
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	15	0	0.00	7	0	0.00	4	0	0.00	4	0	0.00			
		Drinking Water	100.	15	1	0.07	7	1	0.14	4	0	0.00	4	0	0.00			
01067	NICKEL, TOTAL	Fresh Acute	1400.	1015	8	0.01	428	0	0.00	329	2	0.01	258	6	0.02			
		Drinking Water	100.	1014 &	29	0.03	427	9	0.02	329	7	0.02	258	13	0.05			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Entire CHCH Study Area

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01075	SILVER, DISSOLVED	Fresh Acute	4.1	14	0	0.00	6	0	0.00	4	0	0.00	4	0	0.00			
		Drinking Water	100.	14	0	0.00	6	0	0.00	4	0	0.00	4	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	131 &	2	0.02	59	0	0.00	45	2	0.04	27	0	0.00			
		Drinking Water	100.	493	0	0.00	230	0	0.00	173	0	0.00	90	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	27	1	0.04	15	1	0.07	4	0	0.00	8	0	0.00			
		Drinking Water	5000.	27	0	0.00	15	0	0.00	4	0	0.00	8	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	1684	225	0.13	928	80	0.09	481	104	0.22	275	41	0.15			
		Drinking Water	5000.	1684	19	0.01	928	6	0.01	481	6	0.01	275	7	0.03			
01095	ANTIMONY, DISSOLVED	Fresh Acute	88.	1	0	0.00	1	0	0.00									
		Drinking Water	6.	1	0	0.00	1	0	0.00									
01097	ANTIMONY, TOTAL	Fresh Acute	88.	105 &	0	0.00	51	0	0.00	31	0	0.00	23	0	0.00			
		Drinking Water	6.	69 &	2	0.03	32	1	0.03	22	1	0.05	15	0	0.00			
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	6	0	0.00	4	0	0.00				2	0	0.00			
		Drinking Water	50.	6	0	0.00	4	0	0.00				2	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	415 &	0	0.00	192	0	0.00	144	0	0.00	79	0	0.00			
		Drinking Water	50.	430	0	0.00	207	0	0.00	144	0	0.00	79	0	0.00			
04035	SIMAZINE, DISSOLVED, WATER, TOTAL RECOVE	Drinking Water	4.	6	0	0.00	3	0	0.00	2	0	0.00	1	0	0.00			
13501	STRONTIUM 90, TOTAL	Drinking Water	8.	24	0	0.00	12	0	0.00	7	0	0.00	5	0	0.00			
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	18	0	0.00	18	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1285 &	684	0.53	766	427	0.56	315	119	0.38	204	138	0.68			
31503	COLIFORM,TOT,MEMBRANE FILTR,DELAY. M-END	Other-Hi Lim.	1000.	292	121	0.41	108	41	0.38	99	40	0.40	85	40	0.47			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	350 &	284	0.81	109	65	0.60	137	126	0.92	104	93	0.89			
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	20	18	0.90	7	7	1.00	7	7	1.00	6	4	0.67			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	1352 &	839	0.62	682	298	0.44	388	318	0.82	282	223	0.79			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	2236 &	831	0.37	1267	418	0.33	521	207	0.40	448	206	0.46			
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	5	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00			
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXT	Fresh Acute	28900.	100	0	0.00	44	0	0.00	30	0	0.00	26	0	0.00			
		Drinking Water	100.	100	98	0.98	44	44	1.00	30	29	0.97	26	25	0.96			
32005	CARBON CHLOROFORM EXTRACTABLES	Fresh Acute	28900.	100	0	0.00	44	0	0.00	30	0	0.00	26	0	0.00			
		Drinking Water	100.	100	11	0.11	44	5	0.11	30	2	0.07	26	4	0.15			
32021	CARBON CHLOROFORM EXTRACTS, ETHER INSOLU	Fresh Acute	28900.	46	0	0.00	21	0	0.00	13	0	0.00	12	0	0.00			
		Drinking Water	100.	46	0	0.00	21	0	0.00	13	0	0.00	12	0	0.00			
32022	CARBON CHLOROFORM EXTRACTS, WATER SOLUBL	Fresh Acute	28900.	46	0	0.00	21	0	0.00	13	0	0.00	12	0	0.00			
		Drinking Water	100.	46	0	0.00	21	0	0.00	13	0	0.00	12	0	0.00			
32101	BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	46	0	0.00	31	0	0.00	8	0	0.00	7	0	0.00			
32102	CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	46	0	0.00	31	0	0.00	8	0	0.00	7	0	0.00			
		Drinking Water	5.	31 &	0	0.00	16	0	0.00	8	0	0.00	7	0	0.00			
32103	1,2-DICHLOROETHANE,WHOLE WATER	Fresh Acute	118000.	33	0	0.00	18	0	0.00	8	0	0.00	7	0	0.00			
		Drinking Water	5.	31 &	0	0.00	16	0	0.00	8	0	0.00	7	0	0.00			
32104	BROMOFORM, WHOLE WATER	Drinking Water	100.	46	0	0.00	31	0	0.00	8	0	0.00	7	0	0.00			
32105	DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	32	0	0.00	23	0	0.00	4	0	0.00	5	0	0.00			
32106	CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	47	0	0.00	32	0	0.00	9	0	0.00	6	0	0.00			
		Drinking Water	100.	47	0	0.00	32	0	0.00	9	0	0.00	6	0	0.00			
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	46	0	0.00	32	0	0.00	8	0	0.00	6	0	0.00			
		Drinking Water	1000.	46	0	0.00	32	0	0.00	8	0	0.00	6	0	0.00			
34205	ACENAPHTHENE, TOTAL	Fresh Acute	1700.	33	0	0.00	23	0	0.00	4	0	0.00	6	0	0.00			
34210	ACROLEIN, TOTAL	Fresh Acute	68.	35	0	0.00	24	0	0.00	5	0	0.00	6	0	0.00			
34215	ACRYLONITRILE, TOTAL	Fresh Acute	7550.	35	0	0.00	24	0	0.00	5	0	0.00	6	0	0.00			
34301	CHLOROBENZENE, TOTAL	Drinking Water	100.	45	2	0.04	31	2	0.06	8	0	0.00	6	0	0.00			
34306	CHLORODIBROMOMETHANE, TOTAL	Drinking Water	100.	14	0	0.00	8	0	0.00	4	0	0.00	2	0	0.00			
34346	1,2-DIPHENYLHYDRAZINE, TOTAL	Fresh Acute	270.	15	0	0.00	15	0	0.00									
34356	ENDOSULFAN, BETA, TOTAL	Fresh Acute	0.22	22 &	0	0.00	11	0	0.00	4	0	0.00	7	0	0.00			
34361	ENDOSULFAN, ALPHA, TOTAL	Fresh Acute	0.22	21 &	0	0.00	10	0	0.00	4	0	0.00	7	0	0.00			
34371	ETHYLBENZENE, TOTAL	Fresh Acute	32000.	45	0	0.00	31	0	0.00	8	0	0.00	6	0	0.00			
		Drinking Water	700.	45	0	0.00	31	0	0.00	8	0	0.00	6	0	0.00			
34376	FLUORANTHENE, TOTAL	Fresh Acute	3980.	33	0	0.00	23	0	0.00	4	0	0.00	6	0	0.00			
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL	Fresh Acute	7.	31 &	0	0.00	22	0	0.00	4	0	0.00	5	0	0.00			
		Drinking Water	50.	33	0	0.00	23	0	0.00	4	0	0.00	6	0	0.00			
34391	HEXACHLOROBUTADIENE, TOTAL	Fresh Acute	90.	13	0	0.00	13	0	0.00									
34396	HEXACHLOROETHANE, TOTAL	Fresh Acute	980.	33	0	0.00	23	0	0.00	4	0	0.00	6	0	0.00			
34403	INDENO (1,2,3-CD) PYRENE, TOTAL	Drinking Water	0.4	0 &	0	0.00												

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Entire CHCH Study Area

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
34408	ISOPHORONE, TOTAL	Fresh Acute	117000.	33	0	0.00	23	0	0.00	4	0	0.00	6	0	0.00			
34423	METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	43 &	13	0.30	29	13	0.45	8	0	0.00	6	0	0.00			
34447	NITROBENZENE, TOTAL	Fresh Acute	27000.	33	0	0.00	23	0	0.00	4	0	0.00	6	0	0.00			
34452	PARACHLOROMETA CRESOL, TOTAL	Fresh Acute	30.	33	0	0.00	23	0	0.00	4	0	0.00	6	0	0.00			
34461	PHENANTHRENE, TOTAL	Fresh Acute	30.	34	0	0.00	24	0	0.00	4	0	0.00	6	0	0.00			
34475	TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	46	0	0.00	32	0	0.00	8	0	0.00	6	0	0.00			
		Drinking Water	5.	33 &	3	0.09	19	3	0.16	8	0	0.00	6	0	0.00			
34501	1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	45	0	0.00	31	0	0.00	8	0	0.00	6	0	0.00			
34506	1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	46	1	0.02	32	1	0.03	8	0	0.00	6	0	0.00			
34511	1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	30 &	0	0.00	16	0	0.00	8	0	0.00	6	0	0.00			
34531	1,2-DICHLOROETHANE, TOTAL	Fresh Acute	118000.	13	0	0.00	13	0	0.00									
		Drinking Water	5.	0 &	0	0.00												
34536	1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	36	0	0.00	26	0	0.00	4	0	0.00	6	0	0.00			
34541	1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	30 &	0	0.00	16	0	0.00	8	0	0.00	6	0	0.00			
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	45	0	0.00	31	0	0.00	8	0	0.00	6	0	0.00			
34551	1,2,4-TRICHLOROBENZENE, TOTAL	Drinking Water	70.	36	0	0.00	26	0	0.00	4	0	0.00	6	0	0.00			
34566	1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	36	0	0.00	26	0	0.00	4	0	0.00	6	0	0.00			
34571	1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	36	2	0.06	26	2	0.08	4	0	0.00	6	0	0.00			
34586	2-CHLOROPHENOL, TOTAL	Fresh Acute	4380.	33	0	0.00	23	0	0.00	4	0	0.00	6	0	0.00			
34601	2,4-DICHLOROPHENOL, TOTAL	Fresh Acute	2020.	33	0	0.00	23	0	0.00	4	0	0.00	6	0	0.00			
34606	2,4-DIMETHYLPHENOL, TOTAL	Fresh Acute	2120.	33	0	0.00	23	0	0.00	4	0	0.00	6	0	0.00			
34611	2,4-DINITROTOLUENE, TOTAL	Fresh Acute	330.	33	0	0.00	23	0	0.00	4	0	0.00	6	0	0.00			
34653	P,P'-DDE, DISSOLVED	Fresh Acute	1050.	6	0	0.00	3	0	0.00	2	0	0.00	1	0	0.00			
34694	PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	Fresh Acute	10200.	33	0	0.00	23	0	0.00	4	0	0.00	6	0	0.00			
34696	NAPHTHALENE, TOTAL	Fresh Acute	2300.	35	0	0.00	25	0	0.00	4	0	0.00	6	0	0.00			
38437	DIBROMOCHLOROPROPANE, WATER, TOTAL	Drinking Water	0.2	0 &	0	0.00												
38866	OXAMYL, DISSOLVED	Drinking Water	200.	4	0	0.00	3	0	0.00	1	0	0.00						
38933	CHLORPYRIFOS, DISSOLVED	Fresh Acute	0.083	6	0	0.00	3	0	0.00	2	0	0.00	1	0	0.00			
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	33	0	0.00	23	0	0.00	4	0	0.00	6	0	0.00			
		Drinking Water	1.	1 &	0	0.00	1	0	0.00									
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	Fresh Acute	2000.	34	0	0.00	24	0	0.00	4	0	0.00	6	0	0.00			
		Drinking Water	6.	34	7	0.21	24	3	0.13	4	2	0.50	6	2	0.33			
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	22 &	2	0.09	10	1	0.10	7	0	0.00	5	1	0.20			
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	46	0	0.00	32	0	0.00	8	0	0.00	6	0	0.00			
		Drinking Water	5.	32 &	1	0.03	18	1	0.06	8	0	0.00	6	0	0.00			
39300	P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	18 &	0	0.00	9	0	0.00	4	0	0.00	5	0	0.00			
39310	P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	18 &	0	0.00	9	0	0.00	4	0	0.00	5	0	0.00			
39320	P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	31	0	0.00	22	0	0.00	4	0	0.00	5	0	0.00			
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	36 &	0	0.00	10	0	0.00	21	0	0.00	5	0	0.00			
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	19 &	0	0.00	10	0	0.00	4	0	0.00	5	0	0.00			
		Drinking Water	0.2	19 &	0	0.00	10	0	0.00	4	0	0.00	5	0	0.00			
39341	GAMMA-BHC(LINDANE), DISSOLVED	Fresh Acute	2.	6	0	0.00	3	0	0.00	2	0	0.00	1	0	0.00			
		Drinking Water	0.2	6	0	0.00	3	0	0.00	2	0	0.00	1	0	0.00			
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	36 &	0	0.00	10	0	0.00	21	0	0.00	5	0	0.00			
		Drinking Water	2.	36 &	0	0.00	10	0	0.00	21	0	0.00	5	0	0.00			
39360	DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	18	0	0.00	1	0	0.00	17	0	0.00						
39365	DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	18	0	0.00	1	0	0.00	17	0	0.00						
39370	DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	18	0	0.00	1	0	0.00	17	0	0.00						
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	36 &	0	0.00	10	0	0.00	21	0	0.00	5	0	0.00			
39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE	Fresh Acute	2.5	6	0	0.00	3	0	0.00	2	0	0.00	1	0	0.00			
39388	ENDOSULFAN IN WHOLE WATER SAMPLE	Fresh Acute	0.22	1	0	0.00	1	0	0.00									
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	45 &	0	0.00	15	0	0.00	25	0	0.00	5	0	0.00			
		Drinking Water	2.	45 &	0	0.00	15	0	0.00	25	0	0.00	5	0	0.00			
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	31 &	0	0.00	9	0	0.00	21	0	0.00	1	0	0.00			
		Drinking Water	3.	45 &	0	0.00	15	0	0.00	25	0	0.00	5	0	0.00			
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	36 &	0	0.00	10	0	0.00	21	0	0.00	5	0	0.00			
		Drinking Water	0.4	36 &	0	0.00	10	0	0.00	21	0	0.00	5	0	0.00			
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	36 &	0	0.00	10	0	0.00	21	0	0.00	5	0	0.00			
		Drinking Water	0.2	22 &	0	0.00	4	0	0.00	17	0	0.00	1	0	0.00			
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	29	0	0.00	7	0	0.00	21	0	0.00	1	0	0.00			
39540	PARATHION IN WHOLE WATER SAMPLE	Fresh Acute	0.065	16	0	0.00				16	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Entire CHCH Study Area

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-10/31 Obs	6/01-10/31 Exceed	6/01-10/31 Prop.	11/01-2/29 Obs	11/01-2/29 Exceed	11/01-2/29 Prop.	3/01-5/31 Obs	3/01-5/31 Exceed	3/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
39542	PARATHION IN FILT. FRAC. OF WATER SAMPLE	Fresh Acute	0.065	6	0	0.00	3	0	0.00	2	0	0.00	1	0	0.00			
39632	ATRAZINE DISSOLVED IN WATER	Drinking Water	3.	6	0	0.00	3	0	0.00	2	0	0.00	1	0	0.00			
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	33	0	0.00	23	0	0.00	4	0	0.00	6	0	0.00			
		Drinking Water	1.	2 &	0	0.00	1	0	0.00				1	0	0.00			
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPL	Fresh Acute	90.	18	0	0.00	9	0	0.00	4	0	0.00	5	0	0.00			
39720	PICLORAM IN WHOLE WATER SAMPLE	Drinking Water	500.	1	0	0.00	1	0	0.00									
39730	2,4-D IN WHOLE WATER SAMPLE	Drinking Water	70.	10	0	0.00	7	0	0.00	3	0	0.00						
39732	2,4-D IN FILT. FRAC. OF WATER SAMPLE	Drinking Water	70.	4	0	0.00	3	0	0.00	1	0	0.00						
39760	SILVEX IN WHOLE WATER SAMPLE	Drinking Water	50.	10	0	0.00	7	0	0.00	3	0	0.00						
39762	SILVEX IN FILT. FRAC. OF WATER SAMPLE	Drinking Water	50.	4	0	0.00	3	0	0.00	1	0	0.00						
39782	LINDANE IN WHOLE WATER SAMPLE	Fresh Acute	2.	26	0	0.00	5	0	0.00	21	0	0.00						
		Drinking Water	0.2	26	0	0.00	5	0	0.00	21	0	0.00						
45650	CHLORINE, IN ORGANIC COMPOUNDS, WATER, W	Fresh Acute	0.019	5 &	5	1.00							5	5	1.00			
46342	ALACHLOR (LASSO), WATER, DISSOLVED	Drinking Water	2.	6	0	0.00	3	0	0.00	2	0	0.00	1	0	0.00			
50060	CHLORINE, TOTAL RESIDUAL	Fresh Acute	0.019	0 &	0	0.00												
50064	CHLORINE, FREE AVAILABLE	Fresh Acute	0.019	1	1	1.00							1	1	1.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	24	0	0.00	12	0	0.00	2	0	0.00	10	0	0.00			
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	11	0	0.00	7	0	0.00				4	0	0.00			
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	14	0	0.00	10	0	0.00				4	0	0.00			
		Drinking Water	2.	14	0	0.00	10	0	0.00				4	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	1121	10	0.01	504	5	0.01	391	5	0.01	226	0	0.00			
		Drinking Water	2.	1121	12	0.01	504	5	0.01	391	7	0.02	226	0	0.00			
77093	CIS-1,2-DICHLOROETHYLENE, WHOLE WATER	Drinking Water	70.	18	0	0.00	9	0	0.00	4	0	0.00	5	0	0.00			
77128	STYRENE, WHOLE WATER	Drinking Water	100.	30	0	0.00	16	0	0.00	8	0	0.00	6	0	0.00			
77651	1,2-DIBROMOETHANE, WHOLE WATER	Drinking Water	0.05	0 &	0	0.00												
82078	TURBIDITY, FIELD	Other-Hi Lim.	50.	27	0	0.00	12	0	0.00				15	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	183	1	0.01	94	0	0.00	18	0	0.00	71	1	0.01			
82625	DIBROMOCHLOROPROPANE, WATER, TOTAL RECOV	Drinking Water	0.2	0 &	0	0.00												

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

NPS Servicewide Inventory and Monitoring Program Level I

Water Quality Parameter Inventory Data Evaluation and Analysis:

Missing Level I Groups

There are STORET Data for Every Level I I&M Parameter Group Within the CHCH Study Area

NPS Servicewide Inventory and Monitoring Program Level I

Water Quality Parameter Inventory Data Evaluation and Analysis:

Present Level I Groups

STORET Data Within the CHCH Study Area Exist for These Groups:

Alkalinity		Total Obs.	01/01/85 to 12/15/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	3110	547	703	1860	195
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	1353	1	351	1001	88
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	11	0	8	3	1
00435	ACIDITY, TOTAL (MG/L AS CACO3)	190	0	47	143	33
00440	BICARBONATE ION (MG/L AS HCO3)	34	0	19	15	10
00445	CARBONATE ION (MG/L AS CO3)	15	0	9	6	8
		4713	548	1137	3028	335(195)[!]

pH		Total Obs.	01/01/85 to 12/15/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00400	PH (STANDARD UNITS)	7019	4268	1036	1715	224
00403	PH, LAB (STANDARD UNITS)	2233	592	317	1324	141
00406	PH, FIELD (STANDARD UNITS)	26	8	18	0	26
		9278	4868	1371	3039	391(317)[!]

Conductivity		Total Obs.	01/01/85 to 12/15/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	3927	3863	35	29	19
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	3597	976	1142	1479	170
		7524	4839	1177	1508	189(176)[!]

Dissolved Oxygen		Total Obs.	01/01/85 to 12/15/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE (MG/L)	1	1	0	0	1
00300	OXYGEN, DISSOLVED (MG/L)	10496	5346	1159	3991	221
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION	47	0	47	0	4
		10544	5347	1206	3991	226(222)[!]

Water Temperature		Total Obs.	01/01/85 to 12/15/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11401	5497	1667	4237	309
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	232	0	0	232	9
		11633	5497	1667	4469	318(318)[!]

Flow		Total Obs.	01/01/85 to 12/15/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00058	FLOW RATE, GALLONS/MIN.	109	0	0	109	37
00059	FLOW RATE, INSTANTANEOUS, GALLONS/MINUTE	48	0	0	48	15
00060	FLOW, STREAM, MEAN DAILY CFS	745	27	49	669	32
00061	FLOW, STREAM, INSTANTANEOUS CFS	2523	644	939	940	82
00065	STAGE, STREAM (FEET)	402	199	193	10	8
		3827	870	1181	1776	174(160)[!]

[!]Since a station can have data for more than one of the parameters in the parameter group, the number in the parenthesis is the number of unique stations having data for this parameter group.

Clarity/Turbidity		Total Obs.	01/01/85 to 12/15/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00070	TURBIDITY, (JACKSON CANDLE UNITS)	2765	1	501	2263	137
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	742	643	72	27	7
00077	TRANSPARENCY, SECCHI DISC (INCHES)	9	0	0	9	3
00078	TRANSPARENCY, SECCHI DISC (METERS)	167	167	0	0	4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	2763	985	616	1162	145
82078	TURBIDITY, FIELD NEPHELOMETRIC TURBIDITY UNITS NTU	27	27	0	0	1
82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	183	177	6	0	6
		6656	2000	1195	3461	303(222)[!]

Nitrate/Nitrogen		Total Obs.	01/01/85 to 12/15/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00600	NITROGEN, TOTAL (MG/L AS N)	29	0	26	3	10
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	1274	231	216	827	85
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	9	0	9	0	5
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	30	13	9	8	13
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	3588	1054	486	2048	241
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	17	0	9	8	8
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	555	8	9	538	73
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	15	6	9	0	6
00625	NITROGEN, KJELDAHL, TOTAL (MG/L AS N)	772	69	50	653	142
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	3059	1076	761	1222	198
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	39	13	23	3	16
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	2	0	2	0	2
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	15	0	9	6	7
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	24	0	9	15	9
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	11	0	9	2	7
		9439	2470	1636	5333	822(260)[!]

Phosphate/Phosphorus		Total Obs.	01/01/85 to 12/15/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	6	0	0	6	2
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	17	0	14	3	9
00665	PHOSPHORUS, TOTAL (MG/L AS P)	3296	1076	764	1456	192
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	768	116	49	603	62
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	354	150	16	188	27
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	69	62	5	2	8
		4510	1404	848	2258	300(193)[!]

Chlorophyll		Total Obs.	01/01/85 to 12/15/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
32211	CHLOROPHYLL A (UG/L) SPECTROPHOTOMETRIC ACID METH.	202	202	0	0	4
32217	CHLOROPHYLL A (UG/L) FLUOROMETRIC UNCORRECTED	9	0	0	9	3
32223	CHLOROPHYLL A (MG/M2) SPECTROPHOTOMETRIC CORRECTED	6	0	6	0	6
32228	CHLOROPHYLL A (MG/M2) PERIPHYTON SPECTRO.	9	0	9	0	6
		226	202	15	9	19 (13)[!]

Sulfates/Total Dissolved Solids/Hardness		Total Obs.	01/01/85 to 12/15/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00900	HARDNESS, TOTAL (MG/L AS CACO3)	2199	844	536	819	67
00945	SULFATE, TOTAL (MG/L AS SO4)	1489	36	349	1104	84
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), (MG/L)	413	21	213	179	43
		4101	901	1098	2102	194(119)[!]

[!]Since a station can have data for more than one of the parameters in the parameter group, the number in the parenthesis is the number of unique stations having data for this parameter group.

Bacteria		Total Obs.	01/01/85 to 12/15/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
31501	COLIFORM, TOT, MEMBRANE FILTER,IMMED.M-ENDOMED,35C	1288	0	113	1175	106
31503	COLIFORM, TOT, MEMBRANE FILTER,DELAY,M-ENDOMED,35C	292	0	0	292	1
31505	COLIFORM, TOT, MPN, CONFIRMED TEST,35C(TUBE 31506)	353	0	0	353	50
31613	FECAL COLIFORM, MEMBR, FILTER,M-FC AGAR,44.5C,24HR	20	20	0	0	5
31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	1366	501	207	658	67
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5C	2240	710	320	1210	127
31625	FECAL COLIFORM, MF, M-FC, 0.7 UM	5	5	0	0	1
31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	25	25	0	0	6
		5589	1261	640	3688	363(187)[1]

[1]Since a station can have data for more than one of the parameters in the parameter group, the number in the parenthesis is the number of unique stations having data for this parameter group.

Toxic Elements		Total Obs.	01/01/85 to 12/15/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	1	1	0	0	1
01097	ANTIMONY, TOTAL (UG/L AS SB)	118	17	82	19	21
01000	ARSENIC, DISSOLVED (UG/L AS AS)	27	1	9	17	11
01002	ARSENIC, TOTAL (UG/L AS AS)	1021	361	302	358	67
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	14	1	0	13	2
01012	BERYLLIUM, TOTAL (UG/L AS BE)	361	32	28	301	36
01025	CADMIUM, DISSOLVED (UG/L AS CD)	27	1	9	17	11
01027	CADMIUM, TOTAL (UG/L AS CD)	1542	367	383	792	68
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	25	1	9	15	9
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	5	1	0	4	5
01033	CHROMIUM, TRI-VAL (UG/L AS CR)	1	0	0	1	1
01034	CHROMIUM, TOTAL (UG/L AS CR)	1657	361	359	937	141
01040	COPPER, DISSOLVED (UG/L AS CU)	25	1	9	15	9
01042	COPPER, TOTAL (UG/L AS CU)	1732	371	396	965	135
01049	LEAD, DISSOLVED (UG/L AS PB)	27	1	9	17	11
01051	LEAD, TOTAL (UG/L AS PB)	1712	364	382	966	130
71890	MERCURY, DISSOLVED (UG/L AS HG)	14	1	9	4	10
71900	MERCURY, TOTAL (UG/L AS HG)	1121	308	362	451	68
01065	NICKEL, DISSOLVED (UG/L AS NI)	15	1	1	13	3
01067	NICKEL, TOTAL (UG/L AS NI)	1015	364	224	427	82
01145	SELENIUM, DISSOLVED (UG/L AS SE)	6	1	2	3	6
01147	SELENIUM, TOTAL (UG/L AS SE)	430	33	93	304	46
01075	SILVER, DISSOLVED (UG/L AS AG)	14	1	0	13	2
01077	SILVER, TOTAL (UG/L AS AG)	493	33	149	311	39
01057	THALLIUM, DISSOLVED (UG/L AS TL)	1	1	0	0	1
01059	THALLIUM, TOTAL (UG/L AS TL)	48	33	15	0	22
01090	ZINC, DISSOLVED (UG/L AS ZN)	27	1	9	17	11
01092	ZINC, TOTAL (UG/L AS ZN)	1684	369	271	1044	137
00720	CYANIDE, TOTAL (MG/L AS CN)	48	17	16	15	27
00722	CYANIDE, FREE (AMENABLE TO CHLORINATION) (MG/L)	327	0	0	327	20
34210	ACROLEIN, TOTAL (UG/L)	35	20	15	0	21
34215	ACRYLONITRILE, TOTAL (UG/L)	35	20	15	0	21
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXT. (UG/L)	45	30	15	0	22
32104	BROMOFORM, WHOLE WATER, (UG/L)	46	30	16	0	23
32102	CARBON TETRACHLORIDE, WHOLE WATER, (UG/L)	46	30	16	0	23
34301	CHLOROBENZENE, TOTAL (UG/L)	45	30	15	0	22
32105	DIBROMOCHLOROMETHANE, WHOLE WATER, (UG/L)	32	19	13	0	19
34306	CHLORODIBROMOMETHANE, TOTAL (UG/L)	14	11	3	0	5
34311	CHLOROETHANE, TOTAL (UG/L)	39	24	15	0	22
34576	2-CHLOROETHYL VINYL ETHER, TOTAL (UG/L)	39	24	15	0	22
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXT. (UG/L)	100	0	0	100	1
32005	CARBON CHLOROFORM EXTRACTABLES (UG/L)	100	0	0	100	1
32021	CARBON CHLOROFORM EXTRACTS, ETHER INSOLUBLE (UG/L)	46	0	0	46	1
32022	CARBON CHLOROFORM EXTRACTS, WATER SOLUBLES (UG/L)	46	0	0	46	1
32106	CHLOROFORM, WHOLE WATER (UG/L)	47	30	17	0	24
32101	BROMODICHLOROMETHANE, WHOLE WATER (UG/L)	46	30	16	0	23
34496	1,1-DICHLOROETHANE, TOTAL (UG/L)	45	30	15	0	22
32103	1,2-DICHLOROETHANE, WHOLE WATER (UG/L)	33	30	3	0	11
34531	1,2-DICHLOROETHANE, TOTAL (UG/L)	13	0	13	0	12
34501	1,1-DICHLOROETHYLENE, TOTAL (UG/L)	45	30	15	0	22
34541	1,2-DICHLOROPROPANE, TOTAL (UG/L)	45	30	15	0	22
34561	1,3-DICHLOROPROPENE, TOTAL (UG/L)	3	1	2	0	3
34371	ETHYLBENZENE, TOTAL (UG/L)	45	30	15	0	22
34413	METHYL BROMIDE, TOTAL (UG/L)	39	24	15	0	22
34418	METHYL CHLORIDE, TOTAL (UG/L)	39	24	15	0	22

[1]Since a station can have data for more than one of the parameters in the parameter group, the number in the parenthesis is the number of unique stations having data for this parameter group.

	Toxic Elements - Continued ...	Total Obs.	01/01/85 to 12/15/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
34423	METHYLENE CHLORIDE, TOTAL (UG/L)	45	30	15	0	22
34506	1,1,1-TRICHLOROETHANE, TOTAL (UG/L)	46	30	16	0	23
34475	TETRACHLOROETHYLENE, TOTAL (UG/L)	46	30	16	0	23
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXT. (UG/L)	46	30	16	0	23
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER (UG/L)	45	30	15	0	22
34516	1,1,2,2-TETRACHLOROETHANE, TOTAL (UG/L)	45	30	15	0	22
34511	1,1,2-TRICHLOROETHANE, TOTAL (UG/L)	45	30	15	0	22
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE (UG/L)	46	30	16	0	23
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE (UG/L)	45	30	15	0	22
34586	2-CHLOROPHENOL, TOTAL (UG/L)	33	18	15	0	21
34601	2,4-DICHLOROPHENOL, TOTAL (UG/L)	33	18	15	0	21
34606	2,4-DIMETHYLPHENOL, TOTAL (UG/L)	33	18	15	0	21
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL), TOTAL (UG/L)	33	18	15	0	21
34616	2,4-DINITROPHENOL, TOTAL (UG/L)	33	18	15	0	21
34591	2-NITROPHENOL, TOTAL (UG/L)	33	18	15	0	21
34646	4-NITROPHENOL, TOTAL (UG/L)	33	18	15	0	21
34452	PARACHLOROMETA CRESOL, TOTAL (UG/L)	33	18	15	0	21
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE (UG/L)	33	18	15	0	21
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTAL (UG/L)	33	18	15	0	21
34621	2,4,6-TRICHLOROPHENOL, TOTAL (UG/L)	33	18	15	0	21
34205	ACENAPHTHENE, TOTAL (UG/L)	33	18	15	0	21
34200	ACENAPHTHYLENE, TOTAL (UG/L)	33	18	15	0	21
34220	ANTHRACENE, TOTAL (UG/L)	33	18	15	0	21
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	33	18	15	0	21
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE, TOTAL (UG/L)	33	18	15	0	21
34247	BENZO-A-PYRENE, TOTAL (UG/L)	33	18	15	0	21
34230	BENZO(B)FLUORANTHENE, WHOLE WATER (UG/L)	33	18	15	0	21
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE, TOTAL (UG/L)	33	18	15	0	21
34242	BENZO(K)FLUORANTHENE, TOTAL (UG/L)	33	18	15	0	21
34278	BIS (2-CHLOROETHOXY) METHANE, TOTAL (UG/L)	33	18	15	0	21
34273	BIS (2-CHLOROETHYL) ETHER, TOTAL (UG/L)	33	18	15	0	21
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER (UG/L)	34	18	16	0	22
34636	4-BROMOPHENYL PHENYL ETHER, TOTAL (UG/L)	33	18	15	0	21
34292	N-BUTYL BENZYL PHTHALATE, WHOLE WATER (UG/L)	33	18	15	0	21
34581	2-CHLORONAPHTHALENE, TOTAL (UG/L)	32	18	14	0	20
34641	4-CHLOROPHENYL PHENYL ETHER, TOTAL (UG/L)	31	18	13	0	19
34320	CHRYSENE, TOTAL (UG/L)	33	18	15	0	21
34556	1,2,5,6-DIBENZANTHRACENE, TOTAL (UG/L)	33	18	15	0	21
34536	1,2-DICHLOROBENZENE, TOTAL (UG/L)	36	21	15	0	22
34566	1,3-DICHLOROBENZENE, TOTAL (UG/L)	36	21	15	0	22
34571	1,4-DICHLOROBENZENE, TOTAL (UG/L)	36	21	15	0	22
34631	3,3'-DICHLOROBENZIDINE, TOTAL (UG/L)	33	18	15	0	21
34336	DIETHYL PHTHALATE, TOTAL (UG/L)	34	18	16	0	22
34341	DIMETHYL PHTHALATE, TOTAL (UG/L)	33	18	15	0	21
39110	DI-N-BUTYL PHTHALATE, WHOLE WATER (UG/L)	34	18	16	0	22
34611	2,4-DINITROTOLUENE, TOTAL (UG/L)	33	18	15	0	21
34626	2,6-DINITROTOLUENE, TOTAL (UG/L)	33	18	15	0	21
34596	DI-N-OCTYL PHTHALATE, TOTAL (UG/L)	34	19	15	0	22
34346	1,2-DIPHENYLHYDRAZINE, TOTAL (UG/L)	15	0	15	0	14
82626	1,2-DIPHENYLHYDRAZINE,WATER,TOTAL RECOVER. (UG/L)	16	16	0	0	6
34376	FLUORANTHENE, TOTAL (UG/L)	33	18	15	0	21
34381	FLUORENE, TOTAL (UG/L)	34	18	16	0	22
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	33	18	15	0	21
34391	HEXACHLOROBUTADIENE, TOTAL (UG/L)	13	0	13	0	12
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE (UG/L)	18	16	2	0	8

[1]Since a station can have data for more than one of the parameters in the parameter group, the number in the parenthesis is the number of unique stations having data for this parameter group.

Toxic Elements - Continued ...		Total Obs.	01/01/85 to 12/15/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL (UG/L)	33	18	15	0	21
34396	HEXACHLOROETHANE, TOTAL (UG/L)	33	18	15	0	21
34403	INDENO (1,2,3-CD) PYRENE, TOTAL (UG/L)	33	18	15	0	21
34408	ISOPHORONE, TOTAL (UG/L)	33	18	15	0	21
34696	NAPHTHALENE, TOTAL (UG/L)	35	20	15	0	22
34447	NITROBENZENE, TOTAL (UG/L)	33	18	15	0	21
34438	N-NITROSODIMETHYLAMINE, TOTAL (UG/L)	31	18	13	0	19
34428	N-NITROSODI-N-PROPYLAMINE, TOTAL (UG/L)	33	18	15	0	21
34433	N-NITROSODIPHENYLAMINE, TOTAL (UG/L)	33	18	15	0	21
34461	PHENANTHRENE, TOTAL (UG/L)	34	18	16	0	22
34469	PYRENE, TOTAL (UG/L)	34	18	16	0	22
34551	1,2,4-TRICHLOROBENZENE, TOTAL (UG/L)	36	21	15	0	22
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	49	17	15	17	23
34253	A-BHC-ALPHA, DISSOLVED (UG/L)	6	6	0	0	1
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER (UG/L)	31	16	15	0	20
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER (UG/L)	31	16	15	0	20
39340	GAMMA-BHC(LINDANE), WHOLE WATER (UG/L)	32	17	15	0	21
39341	GAMMA-BHC(LINDANE), DISSOLVED (UG/L)	6	6	0	0	1
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	26	9	0	17	3
34259	DELTA BENZENE HEXACHLORIDE, TOTAL (UG/L)	31	16	15	0	20
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATER (UG/L)	49	17	15	17	23
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	31	16	15	0	20
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	18	1	0	17	3
34653	P,P'-DDE, DISSOLVED (UG/L)	6	6	0	0	1
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	31	16	15	0	20
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	18	1	0	17	3
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	31	16	15	0	20
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	18	1	0	17	3
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	49	17	15	17	23
39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	6	6	0	0	1
34361	ENDOSULFAN, ALPHA, TOTAL (UG/L)	34	16	18	0	21
34356	ENDOSULFAN, BETA, TOTAL (UG/L)	35	16	19	0	22
34351	ENDOSULFAN SULFATE, TOTAL (UG/L)	32	16	16	0	21
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	58	26	15	17	24
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	49	17	15	17	23
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	49	17	15	17	23
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE (UG/L)	32	17	15	0	21
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE (UG/L)	32	17	15	0	21
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE (UG/L)	32	17	15	0	21
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE (UG/L)	32	17	15	0	21
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE (UG/L)	32	17	15	0	21
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE (UG/L)	32	17	15	0	21
34671	PCB - 1016, TOTAL (UG/L)	32	17	15	0	21
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	58	26	15	17	24
		17883	5283	4755	7845	3455(157)[1]

[1]Since a station can have data for more than one of the parameters in the parameter group, the number in the parenthesis is the number of unique stations having data for this parameter group.

NPS Servicewide Inventory and Monitoring Program Level I

Water Quality Parameter Inventory Data Evaluation and Analysis:

Park Summary: Level I Group Currentness and Distribution

Parameter Group	Total Obs.	Obs. Since 1985	% Obs. Since 1985	Stations Measuring This Group	% of Total Stations Measuring This Group	Obs. Per Station Measuring This Group	Period of Record For This Group	Observations Per Year of Period of Record
Alkalinity	4713	548	11.6	195	47.9	24.2	03/03/58-12/14/98	115.6
pH	9278	4868	52.5	317	77.9	29.3	03/03/58-12/15/98	227.5
Conductivity	7524	4839	64.3	176	43.2	42.8	03/03/58-12/15/98	184.5
Dissolved Oxygen	10544	5347	50.7	222	54.5	47.5	03/12/58-12/15/98	258.7
Water Temperature	11633	5497	47.3	318	78.1	36.6	09/18/57-12/15/98	282.1
Flow	3827	870	22.7	160	39.3	23.9	09/18/57-12/14/98	92.8
Clarity/Turbidity	6656	2000	30.0	222	54.5	30.0	03/12/58-12/15/98	163.3
Nitrate/Nitrogen	9439	2470	26.2	260	63.9	36.3	03/03/58-12/15/98	231.4
Phosphate/Phosphorus	4510	1404	31.1	193	47.4	23.4	11/23/60-12/15/98	118.5
Chlorophyll	226	202	89.4	13	3.2	17.4	05/23/73-09/16/97	9.3
Sulfates/Total Dissolved Solids/Hardness	4101	901	22.0	119	29.2	34.5	03/03/58-12/15/98	100.5
Bacteria	5589	1261	22.6	187	45.9	29.9	03/12/58-12/15/98	137.1
Toxic Elements	17883	5283	29.5	157	38.6	113.9	03/12/58-12/15/98	438.7

Water Quality Observations
Outside STORET Edit Criteria for CHCH

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
CHCH0055	00335	COD, .025N K2CR2O7 MG/L	950201	0935	-999999.0000000	21GAEPD	15090001	X
CHCH0055	00335	COD, .025N K2CR2O7 MG/L	950301	0945	-999999.0000000	21GAEPD	15090001	X
CHCH0055	00335	COD, .025N K2CR2O7 MG/L	950413	0600	-999999.0000000	21GAEPD	15090001	X
CHCH0055	00335	COD, .025N K2CR2O7 MG/L	950511	0630	-999999.0000000	21GAEPD	15090001	X
CHCH0055	00335	COD, .025N K2CR2O7 MG/L	950615	0600	-999999.0000000	21GAEPD	15090001	X
CHCH0055	00335	COD, .025N K2CR2O7 MG/L	950713	0620	-999999.0000000	21GAEPD	15090001	X
CHCH0055	00335	COD, .025N K2CR2O7 MG/L	950810	0630	-999999.0000000	21GAEPD	15090001	X
CHCH0055	00335	COD, .025N K2CR2O7 MG/L	950914	0600	-999999.0000000	21GAEPD	15090001	X
CHCH0055	00335	COD, .025N K2CR2O7 MG/L	951012	0600	-999999.0000000	21GAEPD	15090001	X
CHCH0055	00335	COD, .025N K2CR2O7 MG/L	951127	0600	-999999.0000000	21GAEPD	15090001	X
CHCH0055	00335	COD, .025N K2CR2O7 MG/L	951214	0530	-999999.0000000	21GAEPD	15090001	X
CHCH0055	00335	COD, .025N K2CR2O7 MG/L	960104	0545	-999999.0000000	21GAEPD	15090001	X
CHCH0055	00400	PH (STANDARD UNITS)	950103	0800	-999999.0000000	21GAEPD	15090001	X
CHCH0055	00400	PH (STANDARD UNITS)	950301	0945	-999999.0000000	21GAEPD	15090001	X
CHCH0055	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	950201	0935	-999999.0000000	21GAEPD	15090001	X
CHCH0055	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	950301	0945	-999999.0000000	21GAEPD	15090001	X
CHCH0055	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	950413	0600	-999999.0000000	21GAEPD	15090001	X
CHCH0055	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	950511	0630	-999999.0000000	21GAEPD	15090001	X
CHCH0055	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	950615	0600	-999999.0000000	21GAEPD	15090001	X
CHCH0055	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	950713	0620	-999999.0000000	21GAEPD	15090001	X
CHCH0055	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	950810	0630	-999999.0000000	21GAEPD	15090001	X
CHCH0055	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	950914	0600	-999999.0000000	21GAEPD	15090001	X
CHCH0055	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	951012	0600	-999999.0000000	21GAEPD	15090001	X
CHCH0055	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	951127	0600	-999999.0000000	21GAEPD	15090001	X
CHCH0055	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	951214	0530	-999999.0000000	21GAEPD	15090001	X
CHCH0055	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	960104	0545	-999999.0000000	21GAEPD	15090001	X
CHCH0058	00310	BOD, 5 DAY, 20 DEG C MG/L	671011	1115	700.0000000	131TVAC	120829	
CHCH0058	00310	BOD, 5 DAY, 20 DEG C MG/L	690618	0630	260.0000000	131TVAC	120829	
CHCH0058	00310	BOD, 5 DAY, 20 DEG C MG/L	691106	0900	170.0000000	131TVAC	120829	
CHCH0058	00665	PHOSPHORUS, TOTAL (MG/L AS P)	690813	1125	19.8860000	131TVAC	120829	
CHCH0058	00665	PHOSPHORUS, TOTAL (MG/L AS P)	690915	1050	15.6480000	131TVAC	120829	
CHCH0058	00665	PHOSPHORUS, TOTAL (MG/L AS P)	691203	1140	10.4320000	131TVAC	120829	
CHCH0058	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	690915	1050	12.7140000	131TVAC	120829	
CHCH0065	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	871123	1345	0.0000000	112WRD	03566800	X
CHCH0074	00340	COD, .25N K2CR2O7 MG/L	730305	1725	3000.0000000	1113S000	130294	
CHCH0074	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	730305	1725	195.0000000	1113S000	130294	
CHCH0074	01045	IRON, TOTAL (UG/L AS FE)	730306	1800	85700.0000000	1113S000	130294	
CHCH0077	00665	PHOSPHORUS, TOTAL (MG/L AS P)	881114	1120	34.3200000	21GAEPD	15100001	
CHCH0083	00310	BOD, 5 DAY, 20 DEG C MG/L	690521	1200	320.0000000	131TVAC	475386	
CHCH0083	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	690521	1200	197.6000000	131TVAC	475386	
CHCH0085	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	800910	1725	33100.0000000	131TVAC	476284	

Water Quality Observations
Outside STORET Edit Criteria for CHCH

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
CHCH0094	00310	BOD, 5 DAY, 20 DEG C MG/L	730301	1115	520.0000000	1113S000	470286	
CHCH0094	00310	BOD, 5 DAY, 20 DEG C MG/L	730302	0845	196.0000000	1113S000	470286	
CHCH0094	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	730301	1115	330.0000000	1113S000	470286	
CHCH0094	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	730302	0845	150.0000000	1113S000	470286	
CHCH0100	00310	BOD, 5 DAY, 20 DEG C MG/L	730305	1445	2100.0000000	1113S000	470288	
CHCH0100	00310	BOD, 5 DAY, 20 DEG C MG/L	730306	1530	2900.0000000	1113S000	470288	
CHCH0100	00310	BOD, 5 DAY, 20 DEG C MG/L	730307	1430	2300.0000000	1113S000	470288	
CHCH0100	00340	COD, .25N K2CR2O7 MG/L	730305	1445	3260.0000000	1113S000	470288	
CHCH0100	00340	COD, .25N K2CR2O7 MG/L	730306	1530	3260.0000000	1113S000	470288	
CHCH0100	00340	COD, .25N K2CR2O7 MG/L	730307	1430	3520.0000000	1113S000	470288	
CHCH0100	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	730305	1445	325.0000000	1113S000	470288	
CHCH0100	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	730306	1530	314.0000000	1113S000	470288	
CHCH0100	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	730307	1430	332.0000000	1113S000	470288	
CHCH0100	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	730305	1445	300.0000000	1113S000	470288	
CHCH0100	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	730306	1530	300.0000000	1113S000	470288	
CHCH0100	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	730307	1430	315.0000000	1113S000	470288	
CHCH0100	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	730305	1445	930.0000000	1113S000	470288	
CHCH0100	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	730306	1530	1120.0000000	1113S000	470288	
CHCH0100	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	730307	1430	1060.0000000	1113S000	470288	
CHCH0105	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	690915	0820	7600.0000000	131TVAC	475379	
CHCH0108	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	730307	0900	40.0000000	1113S000	470282	
CHCH0108	00310	BOD, 5 DAY, 20 DEG C MG/L	730228	1425	190.0000000	1113S000	470282	
CHCH0108	00310	BOD, 5 DAY, 20 DEG C MG/L	730302	1000	240.0000000	1113S000	470282	
CHCH0108	00310	BOD, 5 DAY, 20 DEG C MG/L	730307	0900	600.0000000	1113S000	470282	
CHCH0108	00340	COD, .25N K2CR2O7 MG/L	730307	0900	2880.0000000	1113S000	470282	
CHCH0108	00500	RESIDUE, TOTAL (MG/L)	730301	1100	37310.0000000	1113S000	470282	
CHCH0108	00500	RESIDUE, TOTAL (MG/L)	730302	1000	28860.0000000	1113S000	470282	
CHCH0108	00500	RESIDUE, TOTAL (MG/L)	730307	0900	15060.0000000	1113S000	470282	
CHCH0108	00505	RESIDUE, TOTAL VOLATILE (MG/L)	730301	1100	35620.0000000	1113S000	470282	
CHCH0108	00505	RESIDUE, TOTAL VOLATILE (MG/L)	730302	1000	26980.0000000	1113S000	470282	
CHCH0108	00505	RESIDUE, TOTAL VOLATILE (MG/L)	730307	0900	14410.0000000	1113S000	470282	
CHCH0108	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	730301	1100	37250.0000000	1113S000	470282	
CHCH0108	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	730302	1000	28770.0000000	1113S000	470282	
CHCH0108	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	730228	1425	1068.0000000	1113S000	470282	
CHCH0108	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	730301	1100	7320.0000000	1113S000	470282	
CHCH0108	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	730302	1000	5460.0000000	1113S000	470282	
CHCH0108	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	730307	0900	2380.0000000	1113S000	470282	
CHCH0108	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	730228	1425	1240.0000000	1113S000	470282	
CHCH0108	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	730301	1100	7750.0000000	1113S000	470282	
CHCH0108	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	730302	1000	5850.0000000	1113S000	470282	
CHCH0108	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	730307	0900	2750.0000000	1113S000	470282	

Water Quality Observations
Outside STORET Edit Criteria for CHCH

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
CHCH0108	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	730228	1425	120.0000000	1113S000	470282	
CHCH0108	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	730301	1100	160.0000000	1113S000	470282	
CHCH0108	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	730302	1000	320.0000000	1113S000	470282	
CHCH0108	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	730307	0900	860.0000000	1113S000	470282	
CHCH0108	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	730228	1425	64000.0000000	1113S000	470282	
CHCH0108	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	730301	1100	25500.0000000	1113S000	470282	
CHCH0108	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	730302	1000	115000.0000000	1113S000	470282	
CHCH0108	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	730307	0900	465000.0000000	1113S000	470282	
CHCH0109	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	730228	1055	27000.0000000	1113S000	470270	
CHCH0109	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	730301	1050	24000.0000000	1113S000	470270	
CHCH0109	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	730302	0940	10500.0000000	1113S000	470270	
CHCH0110	00310	BOD, 5 DAY, 20 DEG C MG/L	730301	1130	1270.0000000	1113S000	470276	
CHCH0110	00310	BOD, 5 DAY, 20 DEG C MG/L	730302	0900	560.0000000	1113S000	470276	
CHCH0110	00340	COD, .25N K2CR2O7 MG/L	730301	1130	2240.0000000	1113S000	470276	
CHCH0110	00340	COD, .25N K2CR2O7 MG/L	730302	0900	1125.0000000	1113S000	470276	
CHCH0110	00500	RESIDUE, TOTAL (MG/L)	730301	1130	26440.0000000	1113S000	470276	
CHCH0110	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	730301	1130	26310.0000000	1113S000	470276	
CHCH0110	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	730301	1130	2000.0000000	1113S000	470276	
CHCH0110	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	730302	0900	320.0000000	1113S000	470276	
CHCH0111	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	800910	1755	1803.0000000	131TVAC	476290	X
CHCH0111	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	800910	1755	52600000.0000000	131TVAC	476290	X
CHCH0113	00310	BOD, 5 DAY, 20 DEG C MG/L	730228	1035	380.0000000	1113S000	470220	
CHCH0113	00310	BOD, 5 DAY, 20 DEG C MG/L	730301	1150	610.0000000	1113S000	470220	
CHCH0113	00310	BOD, 5 DAY, 20 DEG C MG/L	730302	0955	630.0000000	1113S000	470220	
CHCH0113	00310	BOD, 5 DAY, 20 DEG C MG/L	730302	1200	290.0000000	1113S000	470220	
CHCH0113	00310	BOD, 5 DAY, 20 DEG C MG/L	730305	1710	495.0000000	1113S000	470220	
CHCH0113	00310	BOD, 5 DAY, 20 DEG C MG/L	730306	1055	1160.0000000	1113S000	470220	
CHCH0113	00310	BOD, 5 DAY, 20 DEG C MG/L	730307	1145	310.0000000	1113S000	470220	
CHCH0113	00340	COD, .25N K2CR2O7 MG/L	730302	0955	1760.0000000	1113S000	470220	
CHCH0113	00435	ACIDITY, TOTAL (MG/L AS CACO3)	730301	1150	1550.0000000	1113S000	470220	
CHCH0113	00435	ACIDITY, TOTAL (MG/L AS CACO3)	730302	1200	1070.0000000	1113S000	470220	
CHCH0113	00500	RESIDUE, TOTAL (MG/L)	730228	1035	18870.0000000	1113S000	470220	
CHCH0113	00500	RESIDUE, TOTAL (MG/L)	730301	1150	27210.0000000	1113S000	470220	
CHCH0113	00500	RESIDUE, TOTAL (MG/L)	730302	0955	20590.0000000	1113S000	470220	
CHCH0113	00505	RESIDUE, TOTAL VOLATILE (MG/L)	730228	1035	11260.0000000	1113S000	470220	
CHCH0113	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	730301	1150	27160.0000000	1113S000	470220	
CHCH0113	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	730302	0955	20450.0000000	1113S000	470220	
CHCH0113	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	730227	1420	845.0000000	1113S000	470220	
CHCH0113	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	730228	1035	2260.0000000	1113S000	470220	
CHCH0113	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	730301	1150	1835.0000000	1113S000	470220	
CHCH0113	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	730302	0955	1110.0000000	1113S000	470220	

Water Quality Observations
Outside STORET Edit Criteria for CHCH

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
CHCH0113	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	730302	1200	855.0000000	1113S000	470220	
CHCH0113	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	730305	1710	1790.0000000	1113S000	470220	
CHCH0113	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	730306	1055	2380.0000000	1113S000	470220	
CHCH0113	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	730307	1145	374.0000000	1113S000	470220	
CHCH0113	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	730227	1420	850.0000000	1113S000	470220	
CHCH0113	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	730228	1035	2375.0000000	1113S000	470220	
CHCH0113	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	730301	1150	1800.0000000	1113S000	470220	
CHCH0113	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	730302	0955	1235.0000000	1113S000	470220	
CHCH0113	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	730302	1200	975.0000000	1113S000	470220	
CHCH0113	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	730305	1710	1800.0000000	1113S000	470220	
CHCH0113	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	730306	1055	2650.0000000	1113S000	470220	
CHCH0113	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	730307	1145	390.0000000	1113S000	470220	
CHCH0113	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	730227	1420	240.0000000	1113S000	470220	
CHCH0113	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	730228	1035	270.0000000	1113S000	470220	
CHCH0113	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	730301	1150	390.0000000	1113S000	470220	
CHCH0113	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	730302	0955	470.0000000	1113S000	470220	
CHCH0113	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	730302	1200	210.0000000	1113S000	470220	
CHCH0113	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	730305	1710	290.0000000	1113S000	470220	
CHCH0113	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	730306	1055	660.0000000	1113S000	470220	
CHCH0113	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	730307	1145	170.0000000	1113S000	470220	
CHCH0113	01045	IRON, TOTAL (UG/L AS FE)	730302	1200	61750.0000000	1113S000	470220	
CHCH0113	01055	MANGANESE, TOTAL (UG/L AS MN)	730302	1200	10000.0000000	1113S000	470220	
CHCH0113	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	730227	1420	29200.0000000	1113S000	470220	
CHCH0113	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	730228	1035	59000.0000000	1113S000	470220	
CHCH0113	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	730301	1150	15500.0000000	1113S000	470220	
CHCH0113	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	730302	0955	39500.0000000	1113S000	470220	
CHCH0113	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	730302	1200	23500.0000000	1113S000	470220	
CHCH0113	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	730305	1710	64500.0000000	1113S000	470220	
CHCH0113	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	730306	1055	360000.0000000	1113S000	470220	
CHCH0113	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	730307	1145	75000.0000000	1113S000	470220	
CHCH0114	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	640702	0915	1608.0000000	21TNWQ	002410	
CHCH0114	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	640713	1100	896.0000000	21TNWQ	002410	
CHCH0114	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	640720	1100	550.0000000	21TNWQ	002410	
CHCH0114	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	640817	1015	928.0000000	21TNWQ	002410	
CHCH0116	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	730228	0955	37.6000000	1113S000	470280	
CHCH0116	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	730301	1010	36.6000000	1113S000	470280	
CHCH0116	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	730302	0930	37.4000000	1113S000	470280	
CHCH0117	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	730228	1000	105.0000000	1113S000	470284	
CHCH0117	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	730301	1015	88.0000000	1113S000	470284	
CHCH0117	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	730302	0930	81.0000000	1113S000	470284	
CHCH0117	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	730228	1000	147.0000000	1113S000	470284	

Water Quality Observations
Outside STORET Edit Criteria for CHCH

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
CHCH0117	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	730301	1015	117.0000000	1113S000	470284	
CHCH0117	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	730302	0930	87.5000000	1113S000	470284	
CHCH0117	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	730301	1015	42000.0000000	1113S000	470284	
CHCH0117	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	730302	0930	4500.0000000	1113S000	470284	
CHCH0118	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	730301	0745	110.0000000	1113S000	470278	
CHCH0118	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	730301	1330	58.0000000	1113S000	470278	
CHCH0118	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	730301	1545	53.0000000	1113S000	470278	
CHCH0118	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	730302	0915	44.0000000	1113S000	470278	
CHCH0118	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	730302	1200	43.0000000	1113S000	470278	
CHCH0118	00310	BOD, 5 DAY, 20 DEG C MG/L	730302	0915	195.0000000	1113S000	470278	
CHCH0118	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	730302	0915	240.0000000	1113S000	470278	
CHCH0122	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	800910	1820	16100.0000000	131TVAC	476291	
CHCH0123	00310	BOD, 5 DAY, 20 DEG C MG/L	730227	1540	1700.0000000	1113S000	470272	
CHCH0123	00310	BOD, 5 DAY, 20 DEG C MG/L	730228	0900	380.0000000	1113S000	470272	
CHCH0123	00310	BOD, 5 DAY, 20 DEG C MG/L	730301	1015	2900.0000000	1113S000	470272	
CHCH0123	00340	COD, .25N K2CR2O7 MG/L	730227	1540	5610.0000000	1113S000	470272	
CHCH0123	00340	COD, .25N K2CR2O7 MG/L	730228	0900	1010.0000000	1113S000	470272	
CHCH0123	00340	COD, .25N K2CR2O7 MG/L	730301	1015	2400.0000000	1113S000	470272	
CHCH0123	00400	PH (STANDARD UNITS)	730227	1115	12.2000000	1113S000	470272	
CHCH0123	00403	PH, LAB, STANDARD UNITS SU	730227	1540	12.8000000	1113S000	470272	
CHCH0123	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	730227	1115	2200.0000000	1113S000	470272	
CHCH0123	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	730301	1020	4100.0000000	1113S000	470272	
CHCH0123	00665	PHOSPHORUS, TOTAL (MG/L AS P)	730227	1540	18.3000000	1113S000	470272	
CHCH0123	00665	PHOSPHORUS, TOTAL (MG/L AS P)	730228	0900	14.7000000	1113S000	470272	
CHCH0123	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	730227	1540	2000.0000000	1113S000	470272	
CHCH0123	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	730228	0900	110.0000000	1113S000	470272	
CHCH0123	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	730301	1015	240.0000000	1113S000	470272	
CHCH0128	00310	BOD, 5 DAY, 20 DEG C MG/L	730307	0830	184.0000000	1113S000	470246	
CHCH0128	00340	COD, .25N K2CR2O7 MG/L	730308	0930	1870.0000000	1113S000	470246	
CHCH0128	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	730308	0930	133.0000000	1113S000	470246	
CHCH0130	00665	PHOSPHORUS, TOTAL (MG/L AS P)	690811	1645	10.4320000	131TVAC	475681	
CHCH0131	00310	BOD, 5 DAY, 20 DEG C MG/L	730307	0900	218.0000000	1113S000	470242	
CHCH0131	00665	PHOSPHORUS, TOTAL (MG/L AS P)	730307	0900	19.5000000	1113S000	470242	
CHCH0146	00310	BOD, 5 DAY, 20 DEG C MG/L	730228	0930	200.0000000	1113S000	470250	
CHCH0146	00310	BOD, 5 DAY, 20 DEG C MG/L	730301	0930	198.0000000	1113S000	470250	
CHCH0146	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	730227	1000	93.0000000	1113S000	470250	
CHCH0146	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	730228	0930	68.0000000	1113S000	470250	
CHCH0146	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	730301	0930	143.0000000	1113S000	470250	
CHCH0146	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	730227	1000	114.0000000	1113S000	470250	
CHCH0146	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	730228	0930	82.5000000	1113S000	470250	
CHCH0146	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	730301	0930	185.0000000	1113S000	470250	

Water Quality Observations
Outside STORET Edit Criteria for CHCH

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
CHCH0146	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	730228	0930	135.0000000	1113S000	470250	
CHCH0146	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	730301	0930	240.0000000	1113S000	470250	
CHCH0163	00310	BOD, 5 DAY, 20 DEG C MG/L	670907	1150	600.0000000	131TVAC	475383	
CHCH0168	01051	LEAD, TOTAL (UG/L AS PB)	730227	1845	28130.0000000	1113S000	470260	
CHCH0168	01051	LEAD, TOTAL (UG/L AS PB)	730228	0825	57500.0000000	1113S000	470260	
CHCH0168	01051	LEAD, TOTAL (UG/L AS PB)	730301	0910	30500.0000000	1113S000	470260	
CHCH0168	01055	MANGANESE, TOTAL (UG/L AS MN)	730227	1845	6250.0000000	1113S000	470260	
CHCH0168	01055	MANGANESE, TOTAL (UG/L AS MN)	730228	0825	9200.0000000	1113S000	470260	
CHCH0168	01055	MANGANESE, TOTAL (UG/L AS MN)	730301	0910	6375.0000000	1113S000	470260	
CHCH0185	00070	TURBIDITY, (JACKSON CANDLE UNITS)	730227	1415	2500.0000000	1113S000	470210	
CHCH0185	00070	TURBIDITY, (JACKSON CANDLE UNITS)	730228	1525	2100.0000000	1113S000	470210	
CHCH0185	00310	BOD, 5 DAY, 20 DEG C MG/L	730228	1525	260.0000000	1113S000	470210	
CHCH0185	00310	BOD, 5 DAY, 20 DEG C MG/L	730301	1635	193.0000000	1113S000	470210	
CHCH0185	00310	BOD, 5 DAY, 20 DEG C MG/L	730302	1020	350.0000000	1113S000	470210	
CHCH0185	00310	BOD, 5 DAY, 20 DEG C MG/L	730305	1750	156.0000000	1113S000	470210	
CHCH0185	00310	BOD, 5 DAY, 20 DEG C MG/L	730306	0830	229.0000000	1113S000	470210	
CHCH0185	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	730227	1415	140.0000000	1113S000	470210	
CHCH0185	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	730228	1525	260.0000000	1113S000	470210	
CHCH0185	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	730301	1635	120.0000000	1113S000	470210	
CHCH0185	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	730302	1020	200.0000000	1113S000	470210	
CHCH0185	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	730305	1750	130.0000000	1113S000	470210	
CHCH0185	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	730306	0830	140.0000000	1113S000	470210	
CHCH0192	00070	TURBIDITY, (JACKSON CANDLE UNITS)	730302	1150	6340.0000000	1113S000	470208	
CHCH0192	00310	BOD, 5 DAY, 20 DEG C MG/L	730302	1150	370.0000000	1113S000	470208	
CHCH0192	00340	COD, .25N K2CR2O7 MG/L	730302	1150	3080.0000000	1113S000	470208	
CHCH0192	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	730302	1150	370.0000000	1113S000	470208	
CHCH0201	01045	IRON, TOTAL (UG/L AS FE)	730524	0935	110000.0000000	1113S000	470254	
CHCH0213	00070	TURBIDITY, (JACKSON CANDLE UNITS)	730305	1735	4000.0000000	1113S000	470212	
CHCH0217	01045	IRON, TOTAL (UG/L AS FE)	730227	1500	259000.0000000	1113S000	470262	
CHCH0217	01045	IRON, TOTAL (UG/L AS FE)	730228	1615	203500.0000000	1113S000	470262	
CHCH0217	01067	NICKEL, TOTAL (UG/L AS NI)	730227	1500	9800.0000000	1113S000	470262	
CHCH0217	01067	NICKEL, TOTAL (UG/L AS NI)	730228	1615	5040.0000000	1113S000	470262	
CHCH0222	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	720619	1100	121.0000000	1113S000	470045	
CHCH0222	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	720620	1435	103.0000000	1113S000	470045	
CHCH0222	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	720621	1315	99.0000000	1113S000	470045	
CHCH0222	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	720622	0950	102.0000000	1113S000	470045	
CHCH0222	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	720623	0840	96.0000000	1113S000	470045	
CHCH0222	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	720619	1100	121.0000000	1113S000	470045	
CHCH0222	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	720620	1435	102.0000000	1113S000	470045	
CHCH0222	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	720621	1315	105.0000000	1113S000	470045	
CHCH0222	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	720622	0950	107.0000000	1113S000	470045	

Water Quality Observations
Outside STORET Edit Criteria for CHCH

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
CHCH0222	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	720623	0840	96.0000000	1113S000	470045	
CHCH0231	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	640702	1040	540.0000000	21TNWQ	002420	
CHCH0231	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	640817	1055	688.0000000	21TNWQ	002420	
CHCH0232	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	720926	0900	24.0000000	131TVAC	475738	
CHCH0232	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	720926	1500	21.0000000	131TVAC	475738	
CHCH0233	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	670906	1350	27.0000000	131TVAC	475351	
CHCH0233	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	671013	0930	140.0000000	131TVAC	475351	
CHCH0233	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	670906	1350	90.0000000	131TVAC	475351	
CHCH0233	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	671013	0930	300.0000000	131TVAC	475351	
CHCH0233	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	690520	0920	90.0000000	131TVAC	475351	
CHCH0233	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	690616	0630	46.0000000	131TVAC	475351	
CHCH0233	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	690917	1410	44.0000000	131TVAC	475351	
CHCH0233	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	691008	1430	32.0000000	131TVAC	475351	
CHCH0233	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	691103	1345	76.0000000	131TVAC	475351	
CHCH0233	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	691202	0835	58.0000000	131TVAC	475351	
CHCH0233	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	720926	1945	26.0000000	131TVAC	475351	
CHCH0233	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	670906	1350	13.0000000	131TVAC	475351	
CHCH0233	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	671013	0930	5.1000000	131TVAC	475351	
CHCH0233	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	670906	1350	88.0000000	131TVAC	475351	
CHCH0233	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	671013	0930	190.0000000	131TVAC	475351	
CHCH0233	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	690520	0920	90.0000000	131TVAC	475351	
CHCH0233	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	690917	1410	56.0000000	131TVAC	475351	
CHCH0233	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	691103	1345	75.0000000	131TVAC	475351	
CHCH0233	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	691202	0835	72.0000000	131TVAC	475351	
CHCH0234	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	681015		93.0000000	1113S000	480165	
CHCH0234	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	681016		105.0000000	1113S000	480165	
CHCH0234	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	681017		102.0000000	1113S000	480165	
CHCH0234	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	681015		96.5000000	1113S000	480165	
CHCH0234	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	681016		108.0000000	1113S000	480165	
CHCH0234	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	681017		102.0000000	1113S000	480165	
CHCH0234	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	681015		68.0000000	1113S000	480165	
CHCH0234	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	681016		80.0000000	1113S000	480165	
CHCH0234	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	681017		73.0000000	1113S000	480165	
CHCH0235	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	720622	1000	20.2000000	1113S000	470090	
CHCH0241	01055	MANGANESE, TOTAL (UG/L AS MN)	800626	1250	6200.0000000	1114PEST	470298A	
CHCH0242	01055	MANGANESE, TOTAL (UG/L AS MN)	800626	1230	8000.0000000	1114PEST	470298B	
CHCH0242	01105	ALUMINUM, TOTAL (UG/L AS AL)	800626	1230	58600.0000000	1114PEST	470298B	
CHCH0250	00310	BOD, 5 DAY, 20 DEG C MG/L	730227	0930	161.0000000	1113S000	470238	
CHCH0250	00310	BOD, 5 DAY, 20 DEG C MG/L	730228	0930	159.0000000	1113S000	470238	
CHCH0250	00310	BOD, 5 DAY, 20 DEG C MG/L	730301	1000	192.0000000	1113S000	470238	
CHCH0250	00310	BOD, 5 DAY, 20 DEG C MG/L	730305	1315	185.0000000	1113S000	470238	

Water Quality Observations
Outside STORET Edit Criteria for CHCH

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
CHCH0250	00310	BOD, 5 DAY, 20 DEG C MG/L	730306	1110	191.0000000	1113S000	470238	
CHCH0250	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	730301	1000	110.0000000	1113S000	470238	
CHCH0250	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	730302	1045	1550.0000000	1113S000	470238	
CHCH0254	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	720623	1145	120.0000000	1113S000	470000	
CHCH0260	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	681015		77.5000000	1113S000	480170	
CHCH0260	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	681016		83.0000000	1113S000	480170	
CHCH0260	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	681017		92.0000000	1113S000	480170	
CHCH0260	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	681015		144.0000000	1113S000	480170	
CHCH0260	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	681016		148.0000000	1113S000	480170	
CHCH0260	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	681017		93.0000000	1113S000	480170	
CHCH0260	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	681015		103.0000000	1113S000	480170	
CHCH0260	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	681016		110.0000000	1113S000	480170	
CHCH0260	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	681017		125.0000000	1113S000	480170	
CHCH0262	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	730307	1030	12240.0000000	1113S000	470306	
CHCH0264	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	690520	0905	72.0000000	131TVAC	475547	
CHCH0264	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	690616	0620	36.0000000	131TVAC	475547	
CHCH0264	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	690917	1355	27.0000000	131TVAC	475547	
CHCH0264	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	691008	1415	32.0000000	131TVAC	475547	
CHCH0264	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	691103	1335	79.0000000	131TVAC	475547	
CHCH0264	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	691202	0910	67.0000000	131TVAC	475547	
CHCH0264	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	690520	0905	100.0000000	131TVAC	475547	
CHCH0264	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	690917	1355	71.0000000	131TVAC	475547	
CHCH0264	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	691103	1335	76.0000000	131TVAC	475547	
CHCH0264	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	691202	0910	88.0000000	131TVAC	475547	
CHCH0266	00310	BOD, 5 DAY, 20 DEG C MG/L	721128	1525	380.0000000	1113S000	470108	
CHCH0266	00310	BOD, 5 DAY, 20 DEG C MG/L	721128	1600	198.0000000	1113S000	470108	
CHCH0266	00310	BOD, 5 DAY, 20 DEG C MG/L	721128	1800	175.0000000	1113S000	470108	
CHCH0266	00310	BOD, 5 DAY, 20 DEG C MG/L	721129	1200	170.0000000	1113S000	470108	
CHCH0266	00310	BOD, 5 DAY, 20 DEG C MG/L	721129	1300	220.0000000	1113S000	470108	
CHCH0266	00310	BOD, 5 DAY, 20 DEG C MG/L	721129	1400	360.0000000	1113S000	470108	
CHCH0266	00310	BOD, 5 DAY, 20 DEG C MG/L	721129	1500	300.0000000	1113S000	470108	
CHCH0266	00310	BOD, 5 DAY, 20 DEG C MG/L	730103	1130	167.0000000	1113S000	470108	
CHCH0266	00310	BOD, 5 DAY, 20 DEG C MG/L	730103	1200	166.0000000	1113S000	470108	
CHCH0266	00310	BOD, 5 DAY, 20 DEG C MG/L	730103	1230	320.0000000	1113S000	470108	
CHCH0266	00310	BOD, 5 DAY, 20 DEG C MG/L	730103	1300	168.0000000	1113S000	470108	
CHCH0266	00310	BOD, 5 DAY, 20 DEG C MG/L	730103	1330	210.0000000	1113S000	470108	
CHCH0266	00310	BOD, 5 DAY, 20 DEG C MG/L	730103	1400	276.0000000	1113S000	470108	
CHCH0266	00665	PHOSPHORUS, TOTAL (MG/L AS P)	721129	1300	13.2000000	1113S000	470108	
CHCH0266	00665	PHOSPHORUS, TOTAL (MG/L AS P)	721129	1400	10.3000000	1113S000	470108	
CHCH0266	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	721129	1300	103.0000000	1113S000	470108	
CHCH0266	01092	ZINC, TOTAL (UG/L AS ZN)	721128	2300	42150.0000000	1113S000	470108	

Water Quality Observations
Outside STORET Edit Criteria for CHCH

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
CHCH0266	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	721128	2100	35000000.0000000	1113S000	470108	
CHCH0267	00310	BOD, 5 DAY, 20 DEG C MG/L	721128	1610	320.0000000	1113S000	470110	
CHCH0267	00310	BOD, 5 DAY, 20 DEG C MG/L	721128	1710	390.0000000	1113S000	470110	
CHCH0267	00310	BOD, 5 DAY, 20 DEG C MG/L	721128	1810	193.0000000	1113S000	470110	
CHCH0267	00310	BOD, 5 DAY, 20 DEG C MG/L	721128	1900	235.0000000	1113S000	470110	
CHCH0267	00310	BOD, 5 DAY, 20 DEG C MG/L	721128	2000	173.0000000	1113S000	470110	
CHCH0267	00310	BOD, 5 DAY, 20 DEG C MG/L	721129	0710	160.0000000	1113S000	470110	
CHCH0267	00310	BOD, 5 DAY, 20 DEG C MG/L	721129	0810	250.0000000	1113S000	470110	
CHCH0267	00310	BOD, 5 DAY, 20 DEG C MG/L	721129	0910	190.0000000	1113S000	470110	
CHCH0267	00310	BOD, 5 DAY, 20 DEG C MG/L	721129	1010	290.0000000	1113S000	470110	
CHCH0267	00310	BOD, 5 DAY, 20 DEG C MG/L	721129	1110	290.0000000	1113S000	470110	
CHCH0267	00310	BOD, 5 DAY, 20 DEG C MG/L	721129	1210	340.0000000	1113S000	470110	
CHCH0267	00310	BOD, 5 DAY, 20 DEG C MG/L	721129	1310	430.0000000	1113S000	470110	
CHCH0267	00310	BOD, 5 DAY, 20 DEG C MG/L	721129	1410	236.0000000	1113S000	470110	
CHCH0267	00310	BOD, 5 DAY, 20 DEG C MG/L	721129	1510	300.0000000	1113S000	470110	
CHCH0267	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	721129	1310	95.0000000	1113S000	470110	
CHCH0267	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	721129	1310	113.0000000	1113S000	470110	
CHCH0267	00665	PHOSPHORUS, TOTAL (MG/L AS P)	721128	1710	11.2000000	1113S000	470110	
CHCH0267	00665	PHOSPHORUS, TOTAL (MG/L AS P)	721129	1510	10.1000000	1113S000	470110	
CHCH0267	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	721128	1610	118.0000000	1113S000	470110	
CHCH0267	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	721128	1710	110.0000000	1113S000	470110	
CHCH0267	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	721129	0810	130.0000000	1113S000	470110	
CHCH0267	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	721129	1010	129.0000000	1113S000	470110	
CHCH0267	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	721129	1110	119.0000000	1113S000	470110	
CHCH0267	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	721129	1210	158.0000000	1113S000	470110	
CHCH0267	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	721129	1310	235.0000000	1113S000	470110	
CHCH0267	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	721129	1410	114.0000000	1113S000	470110	
CHCH0267	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	721129	1510	147.0000000	1113S000	470110	
CHCH0267	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	721129	0910	13000000.0000000	1113S000	470110	
CHCH0267	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	730103	0200	230.0000000	1113S000	470110	
CHCH0287	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	841101		725.0000000	21TNWQ	003250	
CHCH0287	01105	ALUMINUM, TOTAL (UG/L AS AL)	841101		29700.0000000	21TNWQ	003250	
CHCH0287	50060	CHLORINE, TOTAL RESIDUAL (MG/L)	750107	1350	46600.0000000	21TNWQ	003250	X
CHCH0287	50060	CHLORINE, TOTAL RESIDUAL (MG/L)	750211	1440	70000.0000000	21TNWQ	003250	X
CHCH0287	50060	CHLORINE, TOTAL RESIDUAL (MG/L)	750306	1520	41000.0000000	21TNWQ	003250	X
CHCH0287	50060	CHLORINE, TOTAL RESIDUAL (MG/L)	750408	1610	87600.0000000	21TNWQ	003250	X
CHCH0287	50060	CHLORINE, TOTAL RESIDUAL (MG/L)	750506	1550	32800.0000000	21TNWQ	003250	X
CHCH0287	50060	CHLORINE, TOTAL RESIDUAL (MG/L)	750603	1630	32000.0000000	21TNWQ	003250	X
CHCH0287	71900	MERCURY, TOTAL (UG/L AS HG)	821101		22.0000000	21TNWQ	003250	
CHCH0292	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	720623	1055	360.0000000	1113S000	470003	
CHCH0292	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	720624	1050	23.0000000	1113S000	470003	

Water Quality Observations
Outside STORET Edit Criteria for CHCH

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
CHCH0292	00665	PHOSPHORUS, TOTAL (MG/L AS P)	720624	1050	22.8000000	1113S000	470003	
CHCH0300	01055	MANGANESE, TOTAL (UG/L AS MN)	720620	1415	23000.0000000	1113S000	470009	
CHCH0300	01055	MANGANESE, TOTAL (UG/L AS MN)	720621	1200	6000.0000000	1113S000	470009	
CHCH0300	01055	MANGANESE, TOTAL (UG/L AS MN)	720622	1345	6200.0000000	1113S000	470009	
CHCH0300	01055	MANGANESE, TOTAL (UG/L AS MN)	720623	1325	6500.0000000	1113S000	470009	
CHCH0300	01055	MANGANESE, TOTAL (UG/L AS MN)	720624	1150	6800.0000000	1113S000	470009	
CHCH0302	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	681015		90.0000000	1113S000	480175	
CHCH0302	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	681016		91.0000000	1113S000	480175	
CHCH0302	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	681017		92.0000000	1113S000	480175	
CHCH0302	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	681015		94.0000000	1113S000	480175	
CHCH0302	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	681016		91.0000000	1113S000	480175	
CHCH0302	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	681017		94.0000000	1113S000	480175	
CHCH0302	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	681015		115.0000000	1113S000	480175	
CHCH0302	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	681016		105.0000000	1113S000	480175	
CHCH0302	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	681017		105.0000000	1113S000	480175	
CHCH0304	01051	LEAD, TOTAL (UG/L AS PB)	730306	0945	4540.0000000	1113S000	470310	
CHCH0304	01051	LEAD, TOTAL (UG/L AS PB)	730307	0925	1350.0000000	1113S000	470310	
CHCH0304	01051	LEAD, TOTAL (UG/L AS PB)	730308	0920	2075.0000000	1113S000	470310	
CHCH0304	01055	MANGANESE, TOTAL (UG/L AS MN)	730306	0945	10700.0000000	1113S000	470310	
CHCH0304	01055	MANGANESE, TOTAL (UG/L AS MN)	730308	0920	14000.0000000	1113S000	470310	
CHCH0305	00310	BOD, 5 DAY, 20 DEG C MG/L	730307	1615	167.0000000	1113S000	470312	
CHCH0305	00310	BOD, 5 DAY, 20 DEG C MG/L	730308	0915	198.0000000	1113S000	470312	
CHCH0305	00665	PHOSPHORUS, TOTAL (MG/L AS P)	730307	0940	13.2000000	1113S000	470312	
CHCH0305	00665	PHOSPHORUS, TOTAL (MG/L AS P)	730307	1615	23.0000000	1113S000	470312	
CHCH0305	00665	PHOSPHORUS, TOTAL (MG/L AS P)	730308	0915	10.6000000	1113S000	470312	
CHCH0305	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	730307	1615	220.0000000	1113S000	470312	
CHCH0305	01045	IRON, TOTAL (UG/L AS FE)	730307	1615	90900.0000000	1113S000	470312	
CHCH0305	01045	IRON, TOTAL (UG/L AS FE)	730308	0915	58500.0000000	1113S000	470312	
CHCH0305	01051	LEAD, TOTAL (UG/L AS PB)	730306	1000	2180.0000000	1113S000	470312	
CHCH0305	01051	LEAD, TOTAL (UG/L AS PB)	730307	0940	2500.0000000	1113S000	470312	
CHCH0305	01051	LEAD, TOTAL (UG/L AS PB)	730308	0915	1090.0000000	1113S000	470312	
CHCH0305	01055	MANGANESE, TOTAL (UG/L AS MN)	730307	0940	5350.0000000	1113S000	470312	
CHCH0305	01055	MANGANESE, TOTAL (UG/L AS MN)	730307	1615	27800.0000000	1113S000	470312	
CHCH0305	01055	MANGANESE, TOTAL (UG/L AS MN)	730308	0915	8700.0000000	1113S000	470312	
CHCH0305	01067	NICKEL, TOTAL (UG/L AS NI)	730306	1000	2180.0000000	1113S000	470312	
CHCH0305	01067	NICKEL, TOTAL (UG/L AS NI)	730307	0940	2710.0000000	1113S000	470312	
CHCH0305	01067	NICKEL, TOTAL (UG/L AS NI)	730307	1615	2200.0000000	1113S000	470312	
CHCH0305	01067	NICKEL, TOTAL (UG/L AS NI)	730308	0915	4140.0000000	1113S000	470312	
CHCH0306	01051	LEAD, TOTAL (UG/L AS PB)	730306	1010	6380.0000000	1113S000	470314	
CHCH0306	01051	LEAD, TOTAL (UG/L AS PB)	730307	0945	27100.0000000	1113S000	470314	
CHCH0306	01051	LEAD, TOTAL (UG/L AS PB)	730308	0920	2000.0000000	1113S000	470314	

Water Quality Observations
Outside STORET Edit Criteria for CHCH

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
CHCH0306	01055	MANGANESE, TOTAL (UG/L AS MN)	730306	1010	5280.0000000	1113S000	470314	
CHCH0306	01055	MANGANESE, TOTAL (UG/L AS MN)	730308	0920	6500.0000000	1113S000	470314	
CHCH0306	01067	NICKEL, TOTAL (UG/L AS NI)	730308	0920	2320.0000000	1113S000	470314	
CHCH0306	01092	ZINC, TOTAL (UG/L AS ZN)	730308	0920	41000.0000000	1113S000	470314	
CHCH0325	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	681015		220.0000000	1113S000	480185	
CHCH0325	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	681016		230.0000000	1113S000	480185	
CHCH0325	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	681017		270.0000000	1113S000	480185	
CHCH0325	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	681015		234.0000000	1113S000	480185	
CHCH0325	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	681016		518.0000000	1113S000	480185	
CHCH0325	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	681017		559.0000000	1113S000	480185	
CHCH0325	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	681015		260.0000000	1113S000	480185	
CHCH0325	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	681016		280.0000000	1113S000	480185	
CHCH0325	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	681017		320.0000000	1113S000	480185	
CHCH0329	00600	NITROGEN, TOTAL (MG/L AS N)	740109	1020	52000.0000000	21TNWQ	003310	
CHCH0329	50060	CHLORINE, TOTAL RESIDUAL (MG/L)	750205	1510	107000.0000000	21TNWQ	003310	X
CHCH0329	50060	CHLORINE, TOTAL RESIDUAL (MG/L)	750306	1335	40500.0000000	21TNWQ	003310	X
CHCH0329	50060	CHLORINE, TOTAL RESIDUAL (MG/L)	750408	1315	85000.0000000	21TNWQ	003310	X
CHCH0329	50060	CHLORINE, TOTAL RESIDUAL (MG/L)	750506	1415	32500.0000000	21TNWQ	003310	X
CHCH0329	50060	CHLORINE, TOTAL RESIDUAL (MG/L)	750603	1330	30300.0000000	21TNWQ	003310	X
CHCH0330	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	720619	1145	36.0000000	1113S000	470048	
CHCH0330	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	720620	0830	78.0000000	1113S000	470048	
CHCH0330	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	720621	0815	84.0000000	1113S000	470048	
CHCH0330	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	720622	0815	48.0000000	1113S000	470048	
CHCH0330	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	720619	1145	71.0000000	1113S000	470048	
CHCH0330	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	720620	0830	112.0000000	1113S000	470048	
CHCH0330	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	720621	0815	100.0000000	1113S000	470048	
CHCH0330	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	720620	0830	109.0000000	1113S000	470048	
CHCH0330	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	720621	0815	142.0000000	1113S000	470048	
CHCH0332	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	681015		100.0000000	1113S000	480190	
CHCH0332	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	681016		400.0000000	1113S000	480190	
CHCH0332	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	681017		230.0000000	1113S000	480190	
CHCH0332	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	681015		270.0000000	1113S000	480190	
CHCH0332	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	681016		472.0000000	1113S000	480190	
CHCH0332	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	681017		320.0000000	1113S000	480190	
CHCH0332	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	681015		230.0000000	1113S000	480190	
CHCH0332	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	681016		430.0000000	1113S000	480190	
CHCH0332	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	681017		260.0000000	1113S000	480190	
CHCH0338	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	681016		21.6000000	1113S000	480195	
CHCH0338	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	681017		21.2000000	1113S000	480195	
CHCH0343	00310	BOD, 5 DAY, 20 DEG C MG/L	720621	1345	1000.0000000	1113S000	470012	
CHCH0343	00310	BOD, 5 DAY, 20 DEG C MG/L	720622	1410	1300.0000000	1113S000	470012	

Water Quality Observations
Outside STORET Edit Criteria for CHCH

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
CHCH0343	00310	BOD, 5 DAY, 20 DEG C MG/L	720623	1345	900.0000000	1113S000	470012	
CHCH0343	00310	BOD, 5 DAY, 20 DEG C MG/L	720624	1220	3500.0000000	1113S000	470012	
CHCH0343	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	720621	1345	560.0000000	1113S000	470012	
CHCH0343	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	720622	1410	680.0000000	1113S000	470012	
CHCH0343	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	720623	1345	770.0000000	1113S000	470012	
CHCH0343	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	720624	1220	1750.0000000	1113S000	470012	
CHCH0344	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	681015		160.0000000	1113S000	480205	
CHCH0344	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	681016		240.0000000	1113S000	480205	
CHCH0344	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	681017		270.0000000	1113S000	480205	
CHCH0344	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	681015		167.0000000	1113S000	480205	
CHCH0344	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	681016		256.0000000	1113S000	480205	
CHCH0344	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	681017		275.0000000	1113S000	480205	
CHCH0344	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	681015		230.0000000	1113S000	480205	
CHCH0344	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	681016		250.0000000	1113S000	480205	
CHCH0344	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	681017		350.0000000	1113S000	480205	
CHCH0361	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	640721	0910	601.0000000	21TNWQ	002430	
CHCH0361	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	640818	0955	537.0000000	21TNWQ	002430	
CHCH0362	00665	PHOSPHORUS, TOTAL (MG/L AS P)	720620	1300	81.0000000	1113S000	470015	
CHCH0362	00665	PHOSPHORUS, TOTAL (MG/L AS P)	720621	1420	86.0000000	1113S000	470015	
CHCH0362	00665	PHOSPHORUS, TOTAL (MG/L AS P)	720622	1440	84.0000000	1113S000	470015	
CHCH0362	00665	PHOSPHORUS, TOTAL (MG/L AS P)	720623	1420	79.0000000	1113S000	470015	
CHCH0362	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	720619	1100	160.0000000	1113S000	470015	
CHCH0363	00310	BOD, 5 DAY, 20 DEG C MG/L	720623	1415	180.0000000	1113S000	470018	
CHCH0363	00665	PHOSPHORUS, TOTAL (MG/L AS P)	720620	1245	78.0000000	1113S000	470018	
CHCH0363	00665	PHOSPHORUS, TOTAL (MG/L AS P)	720621	1410	13.5000000	1113S000	470018	
CHCH0363	00665	PHOSPHORUS, TOTAL (MG/L AS P)	720622	1440	17.4000000	1113S000	470018	
CHCH0363	00665	PHOSPHORUS, TOTAL (MG/L AS P)	720623	1415	19.6000000	1113S000	470018	
CHCH0363	00665	PHOSPHORUS, TOTAL (MG/L AS P)	720624	1250	18.8000000	1113S000	470018	
CHCH0365	00310	BOD, 5 DAY, 20 DEG C MG/L	720621	1035	280.0000000	1113S000	470021	
CHCH0365	00310	BOD, 5 DAY, 20 DEG C MG/L	720622	1008	1600.0000000	1113S000	470021	
CHCH0365	00310	BOD, 5 DAY, 20 DEG C MG/L	720623	1025	900.0000000	1113S000	470021	
CHCH0365	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	720623	1025	8700.0000000	1113S000	470021	
CHCH0365	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	720624	1005	8700.0000000	1113S000	470021	
CHCH0365	00500	RESIDUE, TOTAL (MG/L)	720620	1100	18900.0000000	1113S000	470021	
CHCH0365	00500	RESIDUE, TOTAL (MG/L)	720621	1035	17750.0000000	1113S000	470021	
CHCH0365	00500	RESIDUE, TOTAL (MG/L)	720622	1008	17660.0000000	1113S000	470021	
CHCH0365	00500	RESIDUE, TOTAL (MG/L)	720623	1025	17560.0000000	1113S000	470021	
CHCH0365	00500	RESIDUE, TOTAL (MG/L)	720624	1005	17620.0000000	1113S000	470021	
CHCH0365	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	720620	1100	540.0000000	1113S000	470021	
CHCH0365	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	720621	1035	525.0000000	1113S000	470021	
CHCH0365	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	720622	1008	540.0000000	1113S000	470021	

Water Quality Observations
Outside STORET Edit Criteria for CHCH

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
CHCH0365	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	720623	1025	480.0000000	1113S000	470021	
CHCH0365	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	720624	1005	550.0000000	1113S000	470021	
CHCH0365	01092	ZINC, TOTAL (UG/L AS ZN)	720620	1100	69000.0000000	1113S000	470021	
CHCH0365	01092	ZINC, TOTAL (UG/L AS ZN)	720621	1035	69000.0000000	1113S000	470021	
CHCH0365	01092	ZINC, TOTAL (UG/L AS ZN)	720622	1008	70000.0000000	1113S000	470021	
CHCH0365	01092	ZINC, TOTAL (UG/L AS ZN)	720623	1025	69000.0000000	1113S000	470021	
CHCH0365	01092	ZINC, TOTAL (UG/L AS ZN)	720624	1005	71500.0000000	1113S000	470021	
CHCH0367	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	720624	1020	2000.0000000	1113S000	470027	
CHCH0368	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	720623	1000	3520.0000000	1113S000	470030	
CHCH0368	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	720624	0925	7960.0000000	1113S000	470030	
CHCH0377	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	681015		165.0000000	1113S000	480210	
CHCH0377	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	681016		235.0000000	1113S000	480210	
CHCH0377	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	681017		290.0000000	1113S000	480210	
CHCH0377	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	681015		172.0000000	1113S000	480210	
CHCH0377	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	681016		250.0000000	1113S000	480210	
CHCH0377	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	681017		315.0000000	1113S000	480210	
CHCH0377	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	681015		250.0000000	1113S000	480210	
CHCH0377	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	681016		245.0000000	1113S000	480210	
CHCH0377	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	681017		330.0000000	1113S000	480210	
CHCH0378	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	720620	0830	1150.0000000	1113S000	470042	
CHCH0378	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	720621	0810	2240.0000000	1113S000	470042	
CHCH0378	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	720622	0810	5100.0000000	1113S000	470042	
CHCH0378	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	720623	0935	2600.0000000	1113S000	470042	
CHCH0378	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	720624	0900	2700.0000000	1113S000	470042	
CHCH0378	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	720620	0830	114.0000000	1113S000	470042	
CHCH0378	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	720621	0810	200.0000000	1113S000	470042	
CHCH0378	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	720622	0810	345.0000000	1113S000	470042	
CHCH0378	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	720623	0935	385.0000000	1113S000	470042	
CHCH0378	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	720624	0900	355.0000000	1113S000	470042	
CHCH0378	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	720620	0830	157.0000000	1113S000	470042	
CHCH0378	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	720621	0810	285.0000000	1113S000	470042	
CHCH0378	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	720622	0810	345.0000000	1113S000	470042	
CHCH0378	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	720623	0935	385.0000000	1113S000	470042	
CHCH0378	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	720624	0900	355.0000000	1113S000	470042	
CHCH0378	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	720620	0830	180.0000000	1113S000	470042	
CHCH0378	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	720621	0810	280.0000000	1113S000	470042	
CHCH0378	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	720622	0810	375.0000000	1113S000	470042	
CHCH0378	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	720623	0935	410.0000000	1113S000	470042	
CHCH0378	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	720624	0900	335.0000000	1113S000	470042	
CHCH0379	00403	PH, LAB, STANDARD UNITS SU	720620	0845	12.3000000	1113S000	470036	
CHCH0379	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	720619	0700	4100.0000000	1113S000	470036	

Water Quality Observations
Outside STORET Edit Criteria for CHCH

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
CHCH0379	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	720620	0845	2020.0000000	1113S000	470036	
CHCH0379	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	720621	0845	1580.0000000	1113S000	470036	
CHCH0379	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	720622	0830	1900.0000000	1113S000	470036	
CHCH0379	00665	PHOSPHORUS, TOTAL (MG/L AS P)	720619	0700	204.0000000	1113S000	470036	
CHCH0379	00665	PHOSPHORUS, TOTAL (MG/L AS P)	720620	0845	86.0000000	1113S000	470036	
CHCH0379	00665	PHOSPHORUS, TOTAL (MG/L AS P)	720621	0845	53.5000000	1113S000	470036	
CHCH0379	00665	PHOSPHORUS, TOTAL (MG/L AS P)	720622	0830	68.0000000	1113S000	470036	
CHCH0379	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	720619	0700	260.0000000	1113S000	470036	
CHCH0380	01055	MANGANESE, TOTAL (UG/L AS MN)	720620	0925	19000.0000000	1113S000	470039	
CHCH0380	01055	MANGANESE, TOTAL (UG/L AS MN)	720621	0930	42000.0000000	1113S000	470039	
CHCH0380	01055	MANGANESE, TOTAL (UG/L AS MN)	720622	0850	42000.0000000	1113S000	470039	
CHCH0380	01055	MANGANESE, TOTAL (UG/L AS MN)	720623	0905	39000.0000000	1113S000	470039	
CHCH0384	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	681017		46.0000000	1113S000	480215	
CHCH0384	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	681015		1090.0000000	1113S000	480215	
CHCH0384	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	681016		980.0000000	1113S000	480215	
CHCH0384	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	681017		860.0000000	1113S000	480215	
CHCH0384	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	681015		1212.0000000	1113S000	480215	
CHCH0384	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	681016		1050.0000000	1113S000	480215	
CHCH0384	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	681017		938.0000000	1113S000	480215	
CHCH0384	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	681015		1000.0000000	1113S000	480215	
CHCH0384	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	681016		940.0000000	1113S000	480215	
CHCH0384	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	681017		1625.0000000	1113S000	480215	
CHCH0386	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	681015		56.0000000	1113S000	480220	
CHCH0386	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	681016		52.5000000	1113S000	480220	
CHCH0386	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	681017		53.0000000	1113S000	480220	
CHCH0386	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	681015		900.0000000	1113S000	480220	
CHCH0386	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	681016		800.0000000	1113S000	480220	
CHCH0386	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	681017		340.0000000	1113S000	480220	
CHCH0386	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	681015		922.0000000	1113S000	480220	
CHCH0386	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	681016		820.0000000	1113S000	480220	
CHCH0386	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	681017		352.0000000	1113S000	480220	
CHCH0386	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	681015		885.0000000	1113S000	480220	
CHCH0386	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	681016		690.0000000	1113S000	480220	
CHCH0386	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	681017		305.0000000	1113S000	480220	
CHCH0388	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	681015		46.0000000	1113S000	480225	
CHCH0388	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	681016		52.0000000	1113S000	480225	
CHCH0388	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	681017		50.0000000	1113S000	480225	
CHCH0388	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	681015		1550.0000000	1113S000	480225	
CHCH0388	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	681016		985.0000000	1113S000	480225	
CHCH0388	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	681017		750.0000000	1113S000	480225	
CHCH0388	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	681015		1763.0000000	1113S000	480225	

Water Quality Observations
Outside STORET Edit Criteria for CHCH

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
CHCH0388	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	681016		1012.0000000	1113S000	480225	
CHCH0388	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	681017		778.0000000	1113S000	480225	
CHCH0388	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	681015		1010.0000000	1113S000	480225	
CHCH0388	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	681016		900.0000000	1113S000	480225	
CHCH0388	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	681017		1345.0000000	1113S000	480225	
CHCH0393	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	681015		90.0000000	1113S000	480230	
CHCH0393	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	681016		60.0000000	1113S000	480230	
CHCH0393	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	681017		160.0000000	1113S000	480230	
CHCH0393	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	681015		109.0000000	1113S000	480230	
CHCH0393	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	681016		124.0000000	1113S000	480230	
CHCH0393	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	681017		167.0000000	1113S000	480230	
CHCH0393	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	681015		165.0000000	1113S000	480230	
CHCH0393	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	681016		145.0000000	1113S000	480230	
CHCH0393	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	681017		75.0000000	1113S000	480230	
CHCH0395	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	681015		65.0000000	1113S000	480235	
CHCH0395	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	681016		55.0000000	1113S000	480235	
CHCH0395	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	681017		575.0000000	1113S000	480235	
CHCH0395	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	681015		76.0000000	1113S000	480235	
CHCH0395	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	681016		75.0000000	1113S000	480235	
CHCH0395	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	681017		590.0000000	1113S000	480235	
CHCH0395	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	681015		420.0000000	1113S000	480235	
CHCH0395	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	681016		420.0000000	1113S000	480235	
CHCH0395	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	681017		200.0000000	1113S000	480235	
CHCH0396	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	681015		100.0000000	1113S000	480240	
CHCH0396	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	681016		130.0000000	1113S000	480240	
CHCH0396	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	681017		110.0000000	1113S000	480240	
CHCH0396	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	681015		110.0000000	1113S000	480240	
CHCH0396	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	681016		136.0000000	1113S000	480240	
CHCH0396	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	681017		130.0000000	1113S000	480240	
CHCH0396	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	681015		60.0000000	1113S000	480240	
CHCH0418	50060	CHLORINE, TOTAL RESIDUAL (MG/L)	750107	1426	43500.0000000	21TNWQ	003230	X
CHCH0418	50060	CHLORINE, TOTAL RESIDUAL (MG/L)	750211	1540	76800.0000000	21TNWQ	003230	X
CHCH0418	50060	CHLORINE, TOTAL RESIDUAL (MG/L)	750306	1555	41000.0000000	21TNWQ	003230	X
CHCH0418	50060	CHLORINE, TOTAL RESIDUAL (MG/L)	750408	1630	84600.0000000	21TNWQ	003230	X
CHCH0418	50060	CHLORINE, TOTAL RESIDUAL (MG/L)	750506	1625	31900.0000000	21TNWQ	003230	X
CHCH0418	50060	CHLORINE, TOTAL RESIDUAL (MG/L)	750603	1645	37100.0000000	21TNWQ	003230	X
CHCH0421	00403	PH, LAB, STANDARD UNITS SU	740916	0825	76.0000000	21TNWQ	TN103R	X

APPENDICES

Appendix A

Computer Files Transmitted With

Park Baseline Water Quality Data Inventory and Analysis

Computer disk(s) accompanying this report include up to seven (depending on the presence or absence of certain data elements) compressed (ZIP) files containing digital copies of nearly all the tables, figures, and other materials used to produce this report. To decompress these files, you must use the commonly available shareware program PKUNZIP. The command to type at the DOS prompt is:

PKUNZIP -E *COMPRESS.ZIP FILENAME.EXT*

where COMPRESS.ZIP is the name of one of the seven compressed (ZIP) files listed below and FILENAME.EXT is the name of the file you wish to extract. If you want to decompress all of the files in COMPRESS.ZIP, simply omit the FILENAME.EXT. To obtain a listing of all the files compressed into a particular ZIP file, type the following:

PKUNZIP -V *COMPRESS.ZIP* |MORE

where COMPRESS.ZIP is the name of one of the seven compressed ZIP files listed below. If a ZIP file spans multiple disks, use the last disk of the series (span) when obtaining a listing of all the files compressed into a particular ZIP file. Once you see the file you wish to obtain, substitute this file name for FILENAME.EXT in the first command line above to extract and decompress this particular file.

Included on one of the disk(s) accompanying this report is a program named PRINTZIP. This program will decompress ZIP files which don't span multiple disks and print certain files to a Hewlett-Packard (or compatible) Laser Printer. To use PRINTZIP, however, you must still have a copy of PKUNZIP in a directory listed in your path or in the same directory as the PRINTZIP program. PRINTZIP provides an easy, menu-driven interface for using PKUNZIP to decompress files and then send them to the printer. PRINTZIP allows you to send individual files, groups of files, or all files to the printer. PRINTZIP will not work with ZIP files that span multiple disks.

The following compressed (ZIP) files are included on the disk(s) accompanying this report:

(1) CHCHTABS.ZIP

This compressed file contains all the tables presented in the report. The files compressed into this file include:

(a) CHCHSITE.DOC - Descriptive listing of select fields from the industrial facilities discharges, drinking water intakes, and EPA-USGS stream gages databases.

(b) CHCHAGNC.DOC - Contacts for agencies whose data were retrieved within the study area.

(c) CHCHAGNQ.DOC - Number of stations, observations, and parameters retrieved by agency code within the study area and park.

(d) CHCHOV0.DOC - Overview of park and retrieved data.

(e) CHCHOV1.DOC - Station period of record table.

(f) CHCHOV2.DOC - Parameter period of record table.

(g) CHCHOV3.DOC - Station/parameter period of record table.

(h) CHCHINV.DOC - Station by station descriptive statistics over the entire period of record and comparison against EPA Water Quality Criteria for each station.

(i) CHCHSEAN.DOC - Seasonal and annual water quality descriptive statistics at stations with water quality data meeting the default seasonal and annual criteria.

(j) CHCHEPAS.DOC - EPA Water Quality Criteria comparison for data at all stations combined within the study area.

(k) CHCHIDEA.DOC - Comparison of downloaded STORET data with NPS Servicewide Inventory and Monitoring Program "Level I" water quality parameters.

(l) CHCHBAD.DOC - Water quality observation values that were outside the range of one of 190 STORET edit criteria and were either discarded or retained.

All these compressed document files are in ASCII format and contain printer codes appropriate to Hewlett-Packard (or compatible) Laser Printers. While at the DOS prompt, any of these document files may be printed directly to a Hewlett-Packard (or compatible) Laser Printer by using the PRINT command. For example, if the document CHCHOV1.DOC is in the subdirectory C:\WATER, you could type: PRINT C:\WATER\CHCHOV1.DOC. This will print the file to your local or networked Hewlett-Packard (or compatible) Laser Printer attached to parallel port one (LPT1:). Alternatively, you can use the PRINTZIP program to decompress and print any of these files provided the ZIP file doesn't span multiple disks. These ASCII files can also be imported into word-processed documents, but the printer codes will then have to be removed.

(2) CHCHFIGS.ZIP

This compressed file contains graphics files for all the statistical figures (time series plots; annual box and whiskers plots; seasonal box and whiskers plots) in the report in two different formats: Computer Graphic Metafile (CGM) and Hewlett-Packard Printer Control Language (PCL). The files are named with the last three digits of the Station Name followed by the five digit STORET code. The file name extension begins with either a 1 (time series), 2 (annual), or 3 (seasonal) and then either GM for CGM or CL for PCL. For example, 00100300.2GM would denote the file contains an annual box and whiskers plot in CGM format for parameter 00300 (dissolved oxygen) at station CHCH0001. While at the DOS prompt, any PCL file can be printed directly to a Hewlett-Packard (or compatible) Laser Printer by using the COPY command. For example, if the graphic 00100300.2CL (an annual box and whiskers plot of parameter 00300, dissolved oxygen, at station CHCH0001) is in the subirectory C:\WATER, you would type: COPY C:\WATER\00100300.2CL LPT1: /B. This will print the file to your local or networked Hewlett-Packard (or compatible) Laser Printer attached to parallel port one (LPT1:). The /B is necessary because the PCL file is in a binary format. Alternatively, you can use the PRINTZIP program to decompress and print any of the PCL files provided the ZIP file doesn't span multiple disks. The CGM files can be imported and/or edited in most graphics packages, including WordPerfect.

(3) CHCHPARM.ZIP

This file compresses CHCHPARM.DBF which contains all the actual values (raw data) of all the water quality data downloaded from STORET and summarized in the report. The detailed database structure for this file is contained in Appendix B.

(4) CHCHSITE.ZIP

This compressed file contains up to five geo-referenced, DBASE III+ compatible site (point location) files documenting the location in the study area of water quality monitoring stations, industrial facilities discharges, drinking water intakes, water gages, and water impoundments. These files include:

(a) CHCHWQ.DBF - All water quality monitoring station locations within the project's study area downloaded from STORET.

(b) CHCHIFD.DBF - All municipal and industrial facility discharges within the project's study area downloaded from the IFD database.

(c) CHCHDRIN.DBF - All drinking water intakes within the project's study area downloaded from the DRINKS database.

(d) CHCHGAGE.DBF - All water gages within the project's study area downloaded from the GAGES database.

(e) CHCHDAMS.DBF - All water impoundments within the project's study area downloaded from the DAMS database.

The absence of any of these files indicates that none of the particular sites were found within the study area. Detailed database structures for each of these files are contained in Appendix B.

(5) CHCHMISC.ZIP

This compressed file contains a variety of graphic and document files that are contained in the report. They are grouped into this miscellaneous compressed (ZIP) file because they don't fit neatly into any of the other compressed files. The files contained in this compressed file include:

(a) CHCHEXEC.DOC - WordPerfect Ver. 5.1 copy of the Executive Summary in the report.

(b) CHCHTOC.DOC - WordPerfect Ver. 5.1 copy of the report's Table of Contents.

(c) INTRO.DOC - WordPerfect Ver. 5.1 copy of all the text in the report from the Introduction through the Interpretive Guide to Water Quality Results.

(d) APPENDIX.DOC - WordPerfect Ver. 5.1 copy of all the Appendices in the report.

(e) CHCHREGI - PCL and CLP (Windows Clipboard) copies of map displaying the regional location of the park and study area.

(f) CHCHWQ - PCL and CLP (Windows Clipboard) copies of park maps displaying water quality station locations within the park's study area. If, due to scaling and aesthetic concerns, multiple maps were needed, these files will have alphabetically ordered suffixes (CHCHWQA, CHCHWQB, CHCHWQC, etc.) and the index map name will end with an ampersand (&).

(g) CHCHIDG - PCL and CLP (Windows Clipboard) copies of park maps displaying locations of industrial facilities discharges, drinking water intakes, and stream gages within the park's study area. If, due to scaling and aesthetic concerns, multiple maps were needed, these files will have alphabetically ordered suffixes (CHCHIDGA, CHCHIDGB, CHCHIDGC, etc.) and the index map name will end with an ampersand (&). If no industrial facilities discharges, drinking water intakes, water gages, or water impoundments exist within the park's study area, these files will not be in the compressed (ZIP) file.

(h) CHCHSEHY - PCL and CLP (Windows Clipboard) copies of the hydrographs or other materials used by WRD staff as the basis for a first attempt at a seasonal analysis of the park's water quality data.

Other materials may also be included in this miscellaneous compressed (ZIP) file as warranted by conditions at the park. As with CHCHFIGS.ZIP and CHCHTABS.ZIP, you can use the PRINTZIP program to print any of the PCL files in CHCHMISC.ZIP provided the ZIP file doesn't span multiple disks. You should not, however, use PRINTZIP to print the WordPerfect document files. The CLP (Windows Clipboard) files can be imported (pasted) and/or edited in most Windows-based word processors and graphics packages.

(6) CHCHRF3.ZIP

This compressed file contains the Environmental Protection Agency's River Reach File Ver. 3.0 provisional data for the USGS catalog unit(s) encompassing the study area. The attribute data exist in both ASCII and DBASE III+ format, while the geographic traces exist in ASCII format. This compressed file contains four files for each catalog unit that touches the study area. Catalog units are identified by unique 8-character numeric names which identify the region, subregion, accounting unit, and catalog unit. Examples (your 8-character numeric names will be different) of the file types included in this compressed file are:

(a) 12345678.RF3 - ASCII formatted attribute file from the River Reach File for all hydrographic traces within the catalog unit.

(b) 12345678.DBF - DBASE III+ formatted attribute file from the River Reach File for all hydrographic traces within the catalog unit.

(c) 12345678.TRC - ASCII formatted geographic file from the River Reach File containing digital, geo-referenced descriptions of all hydrographic traces within the catalog unit at a scale of 1:100,000 suitable for import into a geographic information system.

(d) 12345678.CUB - ASCII formatted geographic file from the River Reach File containing a digital, geo-referenced description of the catalog unit boundary suitable for import into a geographic information system.

Detailed database structures for RF3-related files are contained in Appendix B.

(7) CHCHWQMW.ZIP

Between 2000 and 2002, all Baseline Water Quality Data Inventory and Analysis Reports were compiled or re-compiled in Microsoft Word 2000 (Ver. 9.0) format. This complete, digital version of the report will be made available through various means, including the Internet. Although the reports can be opened in Microsoft Word 1997 (Ver. 8.0), the time series and annual and seasonal box-plots may not be centered appropriately on a page due to discrepancies with how Word 2000 formats pictures and how Word 1997 formatted pictures. Consequently, Word 2000 is the recommended software for viewing the report. Prior to printing the report from Word, be sure to enable "Print Text as Graphics" or "Print True Type Font as Graphics" in the Printer Properties. This ensures a more faithful reproduction of the maps included in the Word document.

The Microsoft Word version of the Baseline Water Quality Data Inventory and Analysis Report may differ slightly from the original analog version. Reports issued during 1994-1996 didn't have as many "bells-and-whistles" as subsequent reports. In compiling digital Microsoft Word versions of these earlier reports, attempts were made to bring these 1994-1996 reports up to the current standard wherever feasible and practicable. Unfortunately, some changes were not feasible or practicable. For example, water quality criteria screens were added or modified over time when newer criteria became available. The digital Microsoft Word version of Appendix F presents the latest criteria screening parameters and values. Some of these parameters and/or values may not have been screened against in the EPA water quality criteria analyses for each station and the entire study area in the 1994-1996 analog versions of the report. Similarly, the Introduction, Methodology, and Interpretive Guide to Water Quality Results may mention certain features that aren't included in the 1994-1996 reports. Additionally, to prepare a Microsoft Word version of this report, data were processed through different versions of software than used originally. Consequently, some results presented in the Overview and Executive Summary may differ slightly from those presented in the analog report (eg. # of In Park and Longer Term Stations).

Appendix B

Water Quality Database File Structures

The following table provides the DBASE III+ database field structure for all the water quality parameter data downloaded from STORET. This data will allow parks or other interested parties to replicate the statistical analyses and graphics contained in this report; perform more sophisticated analyses; or to establish a baseline park water quality database.

Parameter Data File: CHCHPARM.DBF in CHCHPARM.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
NPSSTATID	1	8	8	NPS Station ID (NPS park code + 4 digit sequence number)
BEGDATE	9	14	6	Measurement Start Date [yymmdd]
BEGTIME	15	18	4	Measurement Start Time [hhmm]
PARMCODE	19	23	5	STORET Parameter Code
PARMVALU	24	39	16.7	Parameter Value
REMARK	40	40	1	Parameter Remark Value
				A=Value is Mean of 2 or More Determinations
				B=Results Based Upon Colony Counts Outside Acceptable Range
				C=Value Calculated
				D=Field Measurement
				E=Extra Sample Taken in Compositing Process
				F=Female Species
				G=Maximum of 2 or More Determinations
				H=Based on Field Kit Determination
				I=Value is Less Than Practical Quantitation Limit and Greater Than or Equal to the Method Detection Limit
				J=Estimated, Not the Result of Analytic Measurement
				K=Off-scale Low, Actual Value Not Known, But Known to be Less Than Value Shown
				L=Off-scale High, Actual Value Not Known, But Known to be Greater Than Value Shown

Parameter Data File: CHCHPARM.DBF in CHCHPARM.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
				M=Presence Verified, But Not Quantified, Below Quantification Limit; For Species, Male; For Oxygen Reduction Potential, Indicates a Negative Value
				N=Presumptive Evidence of Presence
				O=Analysis Lost
				P=Too Numerous to Count
				Q=Exceeded Normal Holding Time
				R=Significant Rain in Last 48 Hours
				S=Laboratory test
				T=Less Than Detection Criteria
				U=Analyzed For But Not Detected, Value is Detection Limit For Process Used; If Species, Undetermined
				V=Analyte was Detected in Sample and Method Blank
				W=Less Than Lowest Value Reportable Under Remark "T"
				X=Quasi Vertically-Integrated Sample
				Y=Analysis of Unpreserved Sample
				Z=Too Many Colonies Were Present to Count (TNTC), Value Represents Filtration Value
				$=Calculated By Retrieval Software
MEDIA	41	46	6	Sample Media
DEPTH	47	55	9.3	Depth of Sample [in feet]
ENDDATE	56	61	6	Measurement End Date [yymmdd] [all composite samples]
ENDTIME	62	65	4	Measurement End Time [hhmm] [all composite samples]
SAMPTYPE	66	69	4	Type of Sample ["sophisticated" composite samples]
				C=Continuous Collection
				G=Collection of Individual Grab Samples
				GNxx=xx is the Number of Individual Grab Samples
				B=N/A

Parameter Data File: CHCHPARM.DBF in CHCHPARM.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
COMPTYPE	70	70	1	Composite Value Type ["sophisticated" composite samples]
				A=Average
				H=Maximum
				L=Minimum
				N=Number of Observations
				#=Number of Observations
				S=Standard Deviation
				U=Sum of Squares
				V=Variance
				C=Coefficient of Error
				X=Coefficient of Variance
				E=Skewness
				F=Kurtosis
				Z=Number of Observations That Exceed an Established Limit
				%=Precision
				$=Accuracy
				B=N/A
				D=Indicates Replicate Sample
COMPST	71	71	1	Composite Space/Time Indicator
				S=Space
				T=Time
				B=Space and Time
				F=Flow Proportional
				1-9=Replicate Number

Note: DBASE III+ record lengths will be one greater than the last stop column displayed (71 here) because DBASE III+ reserves the first space/column of every record for a deletion flag. Hence, DBASE III+ will display a record length of 72 for this database.

The following table provides the DBASE III+ database field structure for all the water quality station locations downloaded from STORET. As this file is geo-referenced, it should import easily into the park's Geographic Information System.

Water Quality Station Data File: CHCHWQ.DBF in CHCHSITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
NPSSTATID	1	8	8	NPS Station ID (NPS park code + 4 digit sequence number)
AGENCY	9	16	8	Agency Code of Station Owner
STORIDP	17	31	15	STORET Primary Station Code
STORIDS1	32	43	12	STORET First Secondary Station Code
STORIDS2	44	55	12	STORET Second Secondary Station Code
STORIDS3	56	65	10	STORET Third Secondary Station Code
LATITUDE	66	73	8	Station Latitude [degrees:minutes:seconds]
LONGITUDE	74	82	9	Station Longitude [degrees:minutes:seconds]
LAT	83	93	11.6	Station Latitude [decimal degrees, (-) below equator]
LON	94	104	11.6	Station Longitude [decimal degrees, (-) western hemisphere]
LLPREC	105	105	1	Latitude/Longitude Precision Code
RMI	106	329	224	River Mile Index
STATLOC	330	377	48	Station Location Description
CNTYCODE	378	382	5	FIPS State/County Code
STNAME	383	398	16	State Name
CNTYNAME	399	418	20	County Name
HYDUNIT	419	426	8	Hydrologic Unit Code (MAJ/MIN/SUB = Catalog Unit)
MAJBASN	427	450	24	Major Basin Name
MINBASN	451	490	40	Minor Basin Name
STATTYPE	491	550	60	Station Type
STORDATE	551	556	6	Date Station was Stored in STORET
RF1INDEX	557	567	11	RF1 Reach Number Location [2]
RF1MILE	568	575	8.3	Mile Point on RF1 Reach [2]
RF1LOC	576	578	3	Indicates the Location as ON or OFF RF1 Reach [2]
RF1DIST	579	584	6.2	Distance From RF1 Reach

Water Quality Station Data File: CHCHWQ.DBF in CHCHSITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
RF3INDEX	585	601	17	RF3 Reach Number Location [3]
RF3MILE	602	607	6.2	Mile point on RF3 Reach [3]
RF3LOC	608	610	3	Indicates the Location as ON or OFF RF3 Reach [2]
RF3DIST	611	616	6.2	Distance From RF3 Reach
DEPH2O	617	620	4	Depth of Water at Station Location [in feet]
ELEV	621	625	5	Station Elevation
ECOREG	626	628	3	ECO Region
H2OBODY	629	678	50	Waterbody ID
AQUIFERS	679	718	40	Aquifer Description
STATDESC1	719	790	72	Station Sentence Description
STATDESC2	791	862	72	Station Sentence Description
STATDESC3	863	934	72	Station Sentence Description
STATDESC4	935	1006	72	Station Sentence Description
STATDESC5	1007	1078	72	Station Sentence Description
STATDESC6	1079	1150	72	Station Sentence Description
STATDESC7	1151	1222	72	Station Sentence Description
STATDESC8	1223	1294	72	Station Sentence Description
STATDESC9	1295	1366	72	Station Sentence Description
STATDESC10	1367	1438	72	Station Sentence Description
STATDESC11	1439	1510	72	Station Sentence Description
STATDESC12	1511	1582	72	Station Sentence Description
STATDESC13	1583	1654	72	Station Sentence Description
STATDESC14	1655	1726	72	Station Sentence Description
STATDESC15	1727	1798	72	Station Sentence Description
STATLOCKED	1799	1799	1	Station Locked (Logical) True/False

The following table provides the DBASE III+ database field structures for the EPA Industrial Facilities Discharge database. As this file is geo-referenced, it should import easily into the park's Geographic Information System.

Industrial Facilities Discharges File: CHCHIFD.DBF in CHCHSITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
SITEID	1	9	9	Site Identifier (NPDES Number)
LATITUDE	10	17	8	Facility Latitude (Degrees:Minutes:Seconds)
LONGITUDE	18	26	9	Facility Longitude (Degrees:Minutes:Seconds)
LAT	27	37	11.6	Facility Latitude (decimal degrees, (-) below equator)
LON	38	48	11.6	Facility Longitude (decimal degrees, (-) west. hem.)
RF1INDEX	49	59	11	RF1 Reach Number Location
RF1MILE	60	65	6.2	Mile Point on RF1 Reach
RF1DIST	66	71	6.2	Distance From RF1 Reach
RF3INDEX	72	88	17	RF3 Reach Number Location
RF3MILE	89	94	6.2	Mile Point on RF3 Reach
RF3DIST	95	100	6.2	Distance From RF3 Reach
ADR	101	125	25	Address
BFL	126	132	7.2	Total Direct Combined C&P Flow (1000 GPD)
CCFLG	133	133	1	Coastal County Flag "Y"/"N"/"E"=Estuary
CC1	134	138	5	City Code #1 (EPA Code)
CFL	139	145	7.2	Total Direct Cooling Flow (1000 GPD)
CNC	146	148	3	County Code (FIPS)
CTY	149	168	20	City Name
CZIP	169	177	9	Canadian Zip Code
DNB	178	186	9	Dunn & Bradstreet Number
DNBFLG	187	187	1	Dunn & Bradstreet PCS Source Flag
EGF	188	202	15.4	Flow From Effluent Guidelines (1000 GPD)
EGS	203	208	6	Effluent Guidelines Subcategory
EXPDT	209	216	8	Expiration Date (mm/dd/yy)
E308SN	217	220	4	Effluent Guidelines Survey Number
FAC	221	229	9	SCS Facility Identifier (Cross-Reference)
FDS	230	232	3	Facility Data Source

Industrial Facilities Discharges File: CHCHIFD.DBF in CHCHSITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
FFL	233	239	7.2	Total Facility Flow (1000 GPD)
FHF	240	240	1	Fac. Hit Flag (Reach File) V=Versar Assumed
FLOTYP	241	243	3	I=Blow Down, R=Bottom Ash, S=Fly Ash
FLR	244	250	7.2	Flow Recvd-Industrial (1000 GPD) Permit Data
FRDS	251	259	9	FRDS ID# - XREF To Water Supply
FRW	260	289	30	Facility Receiving Water Name
FS1	290	293	4	Facility SIC Code (From PCS)
FS2	294	297	4	Facility SIC Code #1
FS3	298	301	4	Facility SIC Code #2
FS4	302	305	4	Facility SIC Code #3
FS5	306	309	4	Facility SIC Code #4
FUD	310	317	8	Facility Level Last Date Updated (mm/dd/yy)
IACC	318	318	1	Inactive/Active Indicator ("I" or "A")
ICAT	319	320	2	WQAB Industrial Category
ICAT2	321	322	2	WQAB Industrial Category 2
ICAT3	323	324	2	WQAB Industrial Category 3
IFL	325	331	7	Total Indirect Flow (1000 GPD)
IFT	332	332	1	Illinois Facility Type (A thru Z)
IG1	333	334	2	Facility Industrial Group #1
IG2	335	336	2	Facility Industrial Group #2
IJCN	337	346	10	Canadian Record Identifier
INACT	347	353	7	Inactive/Rescinded P=Based on Permit;A=Actual
INDCNT	354	357	4	Computed Number of Indirect Dischargers
LATLON	358	372	15	Polygon Retrieval Lat/Long.
MAJ	373	373	1	Major-Minor Flag (From PCS)
MAPID	374	377	4	Map Identifier
MJMN	378	381	4	Major/Minor Basin (EPA-STORET)
NAM	382	441	60	Facility Name
NDC	442	444	3	Number of Discharges (Pipes)

Industrial Facilities Discharges File: CHCHIFD.DBF in CHCHSITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
NDSFLO	445	451	7.2	NEEDS Flow (1000 GPD)
NDSIFLO	452	458	7.2	NEEDS Industrial Flow (1000 GPD)
NID	459	462	4	Number of Indirect Dischargers
NPC	463	463	1	NEEDS Pre-Treatment Code "Y"=Yes, "N"=No
NPS	464	464	1	NPDES Facility Source/Status
NSN	465	473	9	NEEDS Survey Number
NTC	474	474	1	NEEDS Treatment Code
OCP	475	480	6	Organic Chemical Producers ID Number
ODESCC	481	481	1	ODES Coastal County "Y"=Yes; "N"=No
OFL	482	488	7.2	Total Non-Direct Other Flow (1000 GPD)
OWN	489	491	3	Ownership Code
PFL	492	498	7.2	Total Direct Process Flow (1000 GPD)
REG	499	500	2	EPA Region
REGKEY	501	504	4	Region Key
RSLOFLO	505	511	7.2	Receiving Stream Low Flow
RSMNFLO	512	518	7.2	Receiving Stream Mean Flow
STA	519	520	2	State Postal Abbreviation
STAID	521	535	15	State Identifier
STC	536	537	2	State Code (FIPS)
STCITY	538	544	7	State/City Code
TFLOW	545	551	7.2	Type Flow (1000 GPD)
UFL	552	558	7.2	Total Direct Undefined Flow (1000 GPD)
XEGS	559	561	3	Effluent Guidelines Subcat Index
XKEY	562	562	1	"1","2","3","4","5","6","7","8","9"
XNME	563	565	3	GLP,DIR,F2C,ENF,CET,LAG,PPB,M85,M86
ZIP	566	570	5	Zip Code

The following table provides the DBASE III+ database field structures for drinking water intakes from the EPA DRINKS database. As this file is geo-referenced, it should import easily into the park's Geographic Information System.

Drinking Water Intakes File: CHCHDRIN.DBF in CHCHSITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
SITEID	1	20	20	Site Identifier
LATITUDE	21	28	8	Facility Latitude (Degrees:Minutes:Seconds)
LONGITUDE	29	37	9	Facility Longitude (Degrees:Minutes:Seconds)
LAT	38	48	11.6	Facility Latitude (decimal degrees, (-) below equator)
LON	49	59	11.6	Facility Longitude (decimal degrees, (-) west. hem.)
RF1INDEX	60	70	11	RF1 Reach Number Location
RF1MILE	71	76	6.2	Mile Point on RF1 Reach
RF1DIST	77	82	6.2	Distance From RF1 Reach
RF3INDEX	83	99	17	RF3 Reach Number Location
RF3MILE	100	105	6.2	Mile Point on RF3 Reach
RF3DIST	106	111	6.2	Distance From RF3 Reach
AQCD	112	115	4	Aquifer Code
ASC	116	138	23	STORET Agency/Station Code
AVGD	139	142	4	Average Depth
BUY	143	143	1	Purchase Code
CC1	144	148	5	City Code #1 (EPA Code)
CNC	149	151	3	County Code (FIPS)
CNME	152	166	15	Contact Name
CNN	167	186	20	County Name
CTITLE	187	201	15	Contact Title
CTY	202	221	20	City Name
DUD	222	229	8	Date of Update
FRDS	230	238	9	FRDS ID# - Cross-Reference
GEOAG	239	258	20	Geologic Age
GEOCDE	259	261	3	Geologic Age Code
IDAT	262	269	8	Date (mm/dd/yy)

Drinking Water Intakes File: CHCHDRIN.DBF in CHCHSITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
INTAKET	270	270	1	Type Source G/S/B
INTRVWR	271	285	15	Interviewer
MAXD	286	289	4	Maximum Depth
MILES	290	296	7.2	Miles
MIND	297	300	4	Minimum Depth
NAME	301	320	20	Name
NPD	321	329	9	NPDES# XREF to IFD Database
NWLS	330	332	3	Number of Wells
OWN	333	335	3	Ownership
PAVGF	336	342	7.2	Production Avg. Daily (Gal/Day)
PCTSUP	343	345	3	%Surface / %Ground
PHONE	346	355	10	Telephone Number
PMAXF	356	362	7.2	Production Max. Daily (Gal/Day)
POPSV	363	371	9	Population Served
REG	372	373	2	EPA Region
SHLAT	374	379	6	Sitehelp Latitude (DDMMSS)
SHLNG	380	386	7	Sitehelp Longitude (DDDMMSS)
SHMILES	387	393	7.2	Sitehelp Miles
SHNME	394	403	10	Sitehelp Source Name
SHPCT	404	410	7.2	Sitehelp Percent of Reach Miles
SRC	411	413	3	Sitehelp Source Code
STA	414	415	2	State Abbreviation
STC	416	417	2	State Code (FIPS)
TUF	418	424	7.2	Total Utility Flow
TYPCDE	425	425	1	Type Code
UHF	426	426	1	Utility Hit Flag (Reach File)
VCDE	427	427	1	Versar Code='V'=>25K; '*'=<25K POPSVD
WFPC	428	428	1	Wellfield Precision Code
WFTYP	429	429	1	Well Type (Cassing,Artesian,Infiltration,etc.)

Drinking Water Intakes File: CHCHDRIN.DBF in CHCHSITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
WUN	430	449	20	Water Utility Name

The following table provides the DBASE III+ database field structures for the Water Gage database. As this file is geo-referenced, it should import easily into the park's Geographic Information System.

Water Gage File: CHCHGAGE.DBF in CHCHSITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
SITEID	1	20	20	Site Identifier
LATITUDE	21	28	8	Facility Latitude (DDMMSS)
LONGITUDE	29	37	9	Facility Longitude (DDDMMSS)
LAT	38	48	11.6	Facility Latitude (decimal degrees, (-) below equator)
LON	49	59	11.6	Facility Longitude (decimal degrees, (-) west. hem.)
RF1INDEX	60	70	11	RF1 Reach Number Location
RF1MILE	71	76	6.2	Mile Point on RF1 Reach
RF1DIST	77	82	6.2	Distance From RF1 Reach
RF3INDEX	83	99	17	RF3 Reach Number Location
RF3MILE	100	105	6.2	Mile Point on RF3 Reach
RF3DIST	106	111	6.2	Distance From RF3 Reach
JAN	112	118	7.2	Monthly Flow - January
FEB	119	125	7.2	Monthly Flow - February
MAR	126	132	7.2	Monthly Flow - March
APR	133	139	7.2	Monthly Flow - April
MAY	140	146	7.2	Monthly Flow - May
JUN	147	153	7.2	Monthly Flow - June
JUL	154	160	7.2	Monthly Flow - July
AUG	161	167	7.2	Monthly Flow - August
SEP	168	174	7.2	Monthly Flow - September
OCT	175	181	7.2	Monthly Flow - October
NOV	182	188	7.2	Monthly Flow - November
DEC	189	195	7.2	Monthly Flow - December
RGN	196	197	2	Region Code
AREA	198	204	7.2	Drainage Area (SQ.MI.)
DUD	205	212	8	Date of Update

Water Gage File: CHCHGAGE.DBF in CHCHSITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
FBCF	213	213	1	Flag - Basic Characteristic File ('Y')
FDFF	214	214	1	Flag - Daily Flows File ('Y')
FQMINV	215	224	10	IHS Pt. Files Index
GHF	225	225	1	Hit Flag (Reach File)
ICDE	226	226	1	Integrity Code
LFVEL	227	233	7.2	Low Flow Velocity
METHOD	234	236	3	Calculation Method Code
MFVEL	237	243	7.2	Mean Flow Velocity
MNFLO	244	250	7.2	USGS Mean Annual Flow
NME	251	298	48	Station Name
SHLAT	299	304	6	Sitehelp Latitude (DDMMSS)
SHLNG	305	311	7	Sitehelp Longitude (DDDMMSS)
SHMILES	312	318	7.2	Sitehelp Miles
SHNME	319	328	10	Sitehelp Source Name
SHPCT	329	335	7.2	Sitehelp Percent of Reach Miles
SITE	336	337	2	Site Location
SRC	338	340	3	Sitehelp Source Code
STCTY	341	345	5	State/County Numeric Code
SVTEN	346	352	7.2	USGS 7-10 Year Flow
BEG_WYR	353	356	4	Beginning Water Year
END_WYR	357	359	4	Ending Water Year
ELEV	361	368	8.2	Elevation (Feet)
WELL_DP	369	376	8.2	Well Depth (Feet)

The following table provides the DBASE III+ database field structures for the Water Impoundment database. As this file is geo-referenced, it should import easily into the park's Geographic Information System.

Water Impoundment File: CHCHDAMS.DBF in CHCHSITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
SITEID	1	7	7	Site Identifier
SOURCE	8	10	3	Source of Data
ST1	11	12	2	Primary State Code Abbreviation
STCTY1	13	17	5	State/County Numeric Code
NAME	18	47	30	Official Name of Dam
LATITUDE	48	53	6	Facility Latitude (DDMMSS)
LONGITUDE	54	60	7	Facility Longitude (DDDMMSS)
LAT	61	70	10.6	Facility Latitude (decimal degrees, (-) below equator)
LON	71	81	11.6	Facility Longitude (decimal degrees, (-) west. hem.)
INME	82	111	30	Impoundment Name
RNME	112	139	28	River, Stream, or Tributary Name on Which Dam Built
CUSEGMI	140	149	10	Catalog Unit, Segment, and Segment Length
REGN	150	151	2	Water Resources Council Region Code
RGBSN	152	155	4	Water Resources Region/Basin Code
CU	156	163	8	Catalog Unit
SEG	164	166	3	Reach Segment of Dam
SEGL	167	171	5.2	Reach Segment Length
PURP	172	172	1	Major Purpose of Dam
				I=Irrigation
				H=Hydroelectric
				N=Navigation
				S=Water Supply
				R=Recreation
				P=Stock/Farm Pond
				D=Debris Control
				F=Flood Control

Water Impoundment File: CHCHDAMS.DBF in CHCHSITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
				O=Other
FRF3	173	189	17	RF3 Reach Number Location
FRF3MI	190	194	5	Mile Point on RF3 Reach
PURPKEY	195	195	1	Purpose Key
PUR2	196	196	1	Purpose of Dam 2 (See Above)
PUR3	197	197	1	Purpose of Dam 3 (See Above)
PUR4	198	198	1	Purpose of Dam 4 (See Above)
PUR5	199	199	1	Purpose of Dam 5 (See Above)
PUR6	200	200	1	Purpose of Dam 6 (See Above)
PUR7	201	201	1	Purpose of Dam 7 (See Above)
PUR8	202	202	1	Purpose of Dam 8 (See Above)
PUR9	203	203	1	Purpose of Dam 9 (See Above)
PUR10	204	204	1	Purpose of Dam 10 (See Above)
TYPDAM	205	206	2	Major Dam Portion Type
				RE=Earth
				VA=Vaulted Arch
				CD=Buttress
				PG=Gravity
				ER=Rockfill
				MV=Multi-Arch
				OT=Other
YRCMP	207	210	4	Year Dam Completed
SHGT	211	214	4	Structural Height (Feet)
HHGT	215	218	4	Hydraulic Height (Feet)
VNORM	219	236	8	Normal Storage of Impoundment (Acre-Feet)
VMAX	227	234	8	Maximum Storage of Impoundment (Acre-Feet)
LCRST	235	239	5	Crest Length of Dam (Feet)
TSPL	240	240	1	Spillway Type
				C=Controlled

Water Impoundment File: CHCHDAMS.DBF in CHCHSITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
				U=Uncontrolled
				N=None
				X=Unknown
WSPL	241	244	4	Dam Spillway Width (Feet)
QMAX	245	251	7	Maximum Spillway Discharge (CFS)
PINS	252	258	7.2	Quantity of Installed Power (Megawatts)
PPRO	259	265	7.2	Quantity of Proposed Power (Megawatts)
LOCK	266	266	1	Number of Navigational Locks
OWNR	267	290	24	Name of Impoundment Owner
PFOWN	291	291	1	Ownership Code
				N=Non-Federal
				G=Federal Government Agency
				C=Corps of Engineers
				X=Unknown
FEDR	292	292	1	Federally Regulated (Y=Yes, N=No, X=Unknown)
FLND	293	293	1	Private Dam on Federal Land (Y=Yes, N=No, X=Unknown)
SCSA	294	294	1	Type of Soil Conservation Service Assistance
				N=No Assistance
				T=Technical Assistance
				F=Financial Assistance
				B=Both Technical and Financial Assistance
				X=Unknown
DHAZ	295	295	1	Degree of Downstream Hazard
				1=High (More than a Few Lives Lost; Excessive Economic Loss)
				2=Significant (A Few Lives Lost; Appreciable Economic Loss)
				3=Low (No Lives Expected Lost; Minimal Economic Loss)
DCITY	296	319	24	Nearest Downstream City

Water Impoundment File: CHCHDAMS.DBF in CHCHSITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
POP	320	326	7	Population of Downstream City
DMILE	327	331	5.2	Distance of Downstream City From Dam (Miles)
RET	332	342	11.2	Retention Coefficient (Dimensionless)
MIX	343	353	11.2	Mixing Coefficient (Dimensionless)
SAREA	354	361	8	Surface Area of Impoundment (Acres)
SAFLG	362	362	1	Surface Area Flag (C=Calc., M=Measured, O=Other)
ILNTH	363	367	5	Length of Impoundment (Feet)
ILFLG	368	368	1	Impoundment Length Flag (C=Calc., M=Measured, O=Other)
UPKEY	369	374	6	Update Key (YYMMDD)

The following table provides the ASCII and DBASE III+ database field structures for the EPA River Reach File Ver. 3.0 (1:100,000 scale hydrography) attributes. The actual numeric file names will vary depending on the catalog unit(s). This information can be readily incorporated into the park's Geographic Information System.

RF3 Structure File: 12345678.RF3 and 12345678.DBF in CHCHRF3.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
CATUNIT	1	8	8	Cataloging Unit (CU)
SEGM	9	12	4	Segment Number (SEG)
MI	13	17	5.2	Mile Point (MI)
UPMI	18	22	5.2	Upstream Mile Pt.
SEQNO	23	33	11.6	Hydro Sequence No.
RFLAG	34	34	1	Reach Flag (0,1)
OWFLAG	35	35	1	Open Water Flag (0,1)
TFLAG	36	36	1	Terminal Flag (0,1)
SFLAG	37	37	1	Start Flag (0,1)
RCHTYPE	38	38	1	Reach Type Code
LEV	39	40	2	Stream Level
JUNC	41	42	2	Level of Downstream Reach
DIVERGENCE	43	43	1	Divergence Code
STARTCU	44	51	8	Start CU
STRTSG	52	55	4	Start SEG
STOPCU	56	63	8	Stop CU
STOPSG	64	67	4	Stop SEG
USDIR	68	68	1	Upstream Direction
TERMID	69	73	5	Terminal Stream ID
TRMBLV	74	74	1	Terminal Base Level
PNAME	75	104	30	Primary Name
PNMCD	105	115	11	Primary Name Code
CNAME	116	145	30	Complement Name
CNMCD	146	156	11	Complement Name Code

RF3 Structure File: 12345678.RF3 and 12345678.DBF in CHCHRF3.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
OWNAME	157	186	30	Open Water Name
OWNMCD	187	197	11	Open Water Name Code
DSCU	198	205	8	Downstream CU
DSSEG	206	209	4	Downstream SEG
DSMI	210	214	5.2	Downstream MI
CCU	215	222	8	Complement CU
CSEG	223	226	4	Complement SEG
CMILE	227	231	5.2	Complement MI
CDIR	232	232	1	Complement Direction
ULCU	233	240	8	Upstream Left CU
ULSEG	241	244	4	Upstream Left SEG
ULMI	245	249	5.2	Upstream Left MI
URCU	250	257	8	Upstream Right CU
URSEG	258	261	4	Upstream Right SEG
URMI	262	266	5.2	Upstream Right MI
SEGL	267	272	6.2	Reach Length (Miles)
RFORGFLAG	273	273	1	RF Orgin flag(1,2,3)
ALTPNMCD	274	281	8	Alt. Primary Name Code
ALTOWNMC	282	289	8	Alt. OW Name Code
DLAT	290	297	8.4	Downstream Latitude
DLONG	298	305	8.4	Downstream Longitude
ULAT	306	313	8.4	Upstream Latitude
ULONG	314	321	8.4	Upstream Longitude
MINLAT	322	329	8.4	Minimum Latitude
MINLONG	330	337	8.4	Minimum Longitude
MAXLAT	338	345	8.4	Maximum Latitude
MAXLONG	346	353	8.4	Maximum Longitude
NDLGREC	354	357	4	No. of DLG Records
LL1KEY1	358	367	10	Starting DLG LL Key1

RF3 Structure File: 12345678.RF3 and 12345678.DBF in CHCHRF3.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
LL2KEY1	368	377	10	Ending DLG LL Key1
LL1KEY2	378	387	10	Starting DLG LL Key2
LL2KEY2	388	497	10	Ending DLG LL Key2
LL1KEY3	398	407	10	Starting DLG LL Key3
LL2KEY3	408	417	10	Ending DLG LL Key3
LL1KEY4	418	427	10	Starting DLG LL Key4
LL2KEY4	428	437	10	Ending DLG LL Key4
LL1KEY5	438	447	10	Starting DLG LL Key5
LL2KEY5	448	457	10	Ending DLG LL Key5
LL1KEY6	458	467	10	Starting DLG LL Key6
LL2KEY6	468	477	10	Ending DLG LL Key6
LL1KEY7	478	487	10	Starting DLG LL Key7
LL2KEY7	488	597	10	Ending DLG LL Key7
LL1KEY8	498	507	10	Starting DLG LL Key8
LL2KEY8	508	517	10	Ending DLG LL Key8
LL1KEY9	518	527	10	Starting DLG LL Key9
LL2KEY9	528	537	10	Ending DLG LL Key9
LL1KEY10	538	547	10	Start DLG LL Key 10
LL2KEY10	548	557	10	Ending DLG LL Key10
LN1AT2	558	561	4	DLG Line Attr. 1
LN2AT2	562	565	4	DLG Line Attr. 2
AREA1	566	569	4	DLG Area ID 1
AREA2	570	573	4	DLG Area ID 2
AR1AT2	574	577	4	DLG Area Attribute
AR1AT4	578	581	4	DLG Area Attribute
AR2AT2	582	585	4	DLG Area Attribute
AR2AT4	586	589	4	DLG Area Attribute
UPDATE1	590	595	6	Update Date #1 (mmddyy)
UPDTCD1	596	603	8	Update Type Code #1

RF3 Structure File: 12345678.RF3 and 12345678.DBF in CHCHRF3.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
UPDTSRC1	604	611	8	Update Source #1
UPDATE2	612	617	6	Update Date #2 (mmddyy)
UPDTCD2	618	625	8	Update Type Code#2
UPDTSRC2	626	633	8	Update Source #2
UPDATE3	634	639	6	Update Date #3 (mmddyy)
UPDTCD3	640	647	8	Update Type Code #3
UPDTSRC3	648	655	8	Update Source #3
DIVCU	656	663	8	Divergent CU
DIVSEG	664	667	4	Divergent SEG
DIVMILE	668	672	5.2	Divergent MI
DLGID	673	678	6	DLG Number Special Use For Internal State Codes
FILLER	678	685	7	Filler: Future Use

Note: The structure for the .DBF file varies slightly from the RF3 structure displayed here in that the fields UPDATE1, UPDATE2, and UPDATE3 have a width of 8 and the last two fields, DLGID and FILLER, have been replaced with a field named ID of length 17. This ID field combines the CATUNIT, SEGM, and MI fields.

The following table provides the ASCII database field structures for the EPA River Reach File Ver. 3.0 (1:100,000 scale hydrography) traces. The actual numeric file names will vary depending on the catalog unit(s). This file contains the actual hydrographic network and is suitable for conversion into a variety of Geographic Information System formats.

RF3 Trace File: 12345678.TRC in CHCHRF3.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
(Header Record)				
CATUNIT	1	8	8	Cataloging Unit
SEGM	9	12	4	Segment Number
MI	13	17	5.2	Mile Point
NPTS	18	21	4	Number of Lat/Lon Coordinates
(Coordinate Record)				
LATITUDE	1	8	8.4	Latitude in Decimal
LONGITUDE	9	16	8.4	Longitude in Decimal
FILLER	17	21	5	

The following table provides the ASCII database field structures for the EPA River Reach File Ver. 3.0 (1:100,000 scale hydrography) catalog unit boundary file. The actual numeric file names will vary depending on the catalog unit(s). This file contains the actual catalog unit boundary and is suitable for conversion into a variety of Geographic Information System formats.

Catalog Unit Boundary File: 12345678.CUB in CHCHRF3.ZIP
First Line = Catalog Unit Number (8 Characters)
Subsequent Lines:
L=DDMMSS,L=DDDMMSS,L=DDMMSS,L=DDDMMSS,L=DDMMSS,L=DDDMMSS, ...
Example:
02070010
L=391259,L=0770809,L=391220,L=0770749,L=391147,L=0770715,L=391120,L=0770633,
L=391058,L=0770535,L=391042,L=0770520,L=391016,L=0770427,L=390948,L=0770416,
L=390526,L=0765331,L=390500,L=0765149,L=390456,L=0765139,L=390357,L=0765123,
...
L=390744,L=0771007,L=390826,L=0771022,L=390910,L=0771022,L=390950,L=0771003,
L=391107,L=0770922,
There can be as many as four latitude/longitude pairs per line.

The following table provides the DBASE III+ database field structure of the Water Resources Division's "encyclopedia" file that documents the minimum and maximum parameter values found and the park(s) where they occurred. This file is intended for Water Resources Division internal use, but will be available to anyone upon request after Baseline Water Quality Data Inventory and Analysis reports have been completed for all parks.

Encyclopedia File: WRD File For Internal Use Only				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
PARM	1	5	5	STORET Parameter Code
PARMNAME	6	45	40	Parameter Name
MINVAL	46	61	16.7	Minimum Value
MINVALPARK	62	65	4	Park Unit with Minimum Value
MAXVAL	66	71	16.7	Maximum Value
MAXVALPARK	72	75	4	Park Unit with Maximum Value

Appendix C

STORET Water Quality Control/Edit Checking

The following table provides the high and low values used by STORET since November 1983 for 190 common water quality parameters to screen or error check data. Data entered into STORET prior to November 1983, however, were not subjected to this edit/bounds check. Additionally, data from the USGS WATSTORE system that is loaded into STORET is never subjected to these edit criteria and agencies entering data in STORET can override these edit criteria to enter data values that fall outside a range. As a consequence, all data downloaded from STORET for the purposes of this project were filtered through these edit criteria to document values outside the generally accepted ranges. Decisions were then made on a case-by-case basis to retain or discard obviously incorrect data. Refer to the Water Quality Observations Outside STORET Edit Criteria section of the Interpretive Guide To Water Quality Results chapter for more information on this subject.

STORET Code	STORET Parameter Description	High Value	Low Value
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	37.0	-2.0
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	98.0	31.0
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	52.0	-40.0
00021	TEMPERATURE, AIR (DEGREES FAHRENHEIT)	125.0	-40.0
00026	TOXICS-IDENTIFY DATA COLLECTION BY EPA DIRECTIVE	1990.9	1977.0
00032	CLOUD COVER (PERCENT)	101.0	0.0
00035	WIND VELOCITY (MILES PER HOUR)	85.0	0.0
00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	361.0	0.0
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	15.0	0.0
00070	TURBIDITY, (JACKSON CANDLE UNITS)	1500.0	0.0
00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	101.0	0.0
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	500.0	0.0
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	1000.0	0.0
00077	TRANSPARENCY, SECCHI DISC (INCHES)	600.0	0.0
00080	COLOR (PLATINUM-COBALT UNITS)	500.0	0.0
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	500.0	0.0
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	250.0	0.0
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	60000.0	1.0
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	60000.0	1.0
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE (MG/L)	30.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
00300	OXYGEN, DISSOLVED (MG/L)	30.0	0.0
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION%	200.0	0.0
00310	BOD, 5 DAY, 20 DEG C (MG/L)	150.0	0.0
00335	COD, .025N K2CR2O7 (MG/L)	1000.0	0.0
00340	COD, .25N K2CR2O7 (MG/L)	1000.0	0.0
00365	CHLORINE DEMAND, 15 MINUTE (MG/L)	15.0	0.0
00400	PH (STANDARD UNITS)	12.0	0.9
00403	PH, LAB, STANDARD UNITS, (STANDARD UNITS)	12.0	0.9
00405	CARBON DIOXIDE (MG/L AS CO2)	100.0	0.0
00406	PH, FIELD (STANDARD UNITS)	12.0	0.9
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	1000.0	0.0
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	750.0	0.0
00435	ACIDITY, TOTAL (MG/L AS CACO3)	1000.0	0.0
00436	ACIDITY, MINERAL (METHYL ORANGE) (MG/L AS CACO3)	1000.0	0.0
00437	ACIDITY, CO2 (PHENOLPHTHALEIN) (MG/L AS CACO3)	750.0	0.0
00440	BICARBONATE ION (MG/L AS HCO3)	450.0	0.0
00445	CARBONATE ION (MG/L AS CO3)	100.0	0.0
00480	SALINITY - PARTS PER THOUSAND	40.0	0.0
00500	RESIDUE, TOTAL (MG/L)	15000.0	0.0
00505	RESIDUE, TOTAL VOLATILE (MG/L)	10000.0	0.0
00510	RESIDUE, TOTAL FIXED (MG/L)	10000.0	0.0
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C), (MG/L)	20000.0	0.0
00520	RESIDUE, VOLATILE FILTRABLE (MG/L)	10000.0	0.0
00525	RESIDUE, FIXED FILTRABLE (MG/L)	10000.0	0.0
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10000.0	0.0
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10000.0	0.0
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10000.0	0.0
00545	RESIDUE, SETTLEABLE (ML/L)	1000.0	0.0
00546	RESIDUE, SETTLEABLE (MG/L)	1000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC., (MG/L)	250.0	0.0
00600	NITROGEN, TOTAL (MG/L AS N)	100.0	0.0
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	15.0	0.0
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	25.0	0.0
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	20.0	0.0
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	5.0	0.0
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	50.0	0.0
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	50.0	0.0
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	55.0	0.0
00635	NITROGEN, AMMONIA & ORG., TOTAL 1 DET (MG/L AS N)	70.0	0.0
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	30.0	0.0
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	30.0	0.0
00655	PHOSPHATE, POLY (MG/L AS PO4)	30.0	0.0
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	30.0	0.0
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10.0	0.0
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10.0	0.0
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	100.0	0.0
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	100.0	0.0
00685	CARBON, TOTAL INORGANIC (MG/L AS C)	100.0	0.0
00690	CARBON, TOTAL (MG/L AS C)	150.0	0.0
00720	CYANIDE, TOTAL (MG/L AS CN)	10.0	0.0
00745	SULFIDE, TOTAL (MG/L AS S)	1500.0	0.0
00746	SULFIDE, DISSOLVED (MG/L AS S)	1500.0	0.0
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	150.0	0.0
00900	HARDNESS, TOTAL (MG/L AS CACO3)	5000.0	0.0
00910	CALCIUM (MG/L AS CACO3)	3000.0	0.0
00915	CALCIUM, DISSOLVED (MG/L AS CA)	1000.0	0.0
00916	CALCIUM, TOTAL (MG/L AS CA)	1000.0	0.0
00920	MAGNESIUM (MG/L AS CACO3)	3000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	1000.0	0.0
00927	MAGNESIUM, TOTAL (MG/L AS MG)	1000.0	0.0
00929	SODIUM, TOTAL (MG/L AS NA)	5000.0	0.0
00930	SODIUM, DISSOLVED (MG/L AS NA)	5000.0	0.0
00931	SODIUM ADSORPTION RATIO	50.0	0.0
00935	POTASSIUM, DISSOLVED (MG/L AS K)	175.0	0.0
00937	POTASSIUM, TOTAL MG/L AS K)	175.0	0.0
00940	CHLORIDE, TOTAL IN WATER, (MG/L)	22000.0	0.0
00945	SULFATE, TOTAL (MG/L AS SO4)	2500.0	0.0
00946	SULFATE, DISSOLVED (MG/L AS SO4)	2500.0	0.0
00950	FLUORIDE, DISSOLVED (MG/L AS F)	15.0	0.0
00951	FLUORIDE, TOTAL (MG/L AS F)	15.0	0.0
00955	SILICA, DISSOLVED (MG/L AS SI02)	2000.0	0.0
00956	SILICA, TOTAL (MG/L AS SI02)	2000.0	0.0
01000	ARSENIC, DISSOLVED (UG/L AS AS)	5000.0	0.0
01002	ARSENIC, TOTAL (UG/L AS AS)	5000.0	0.0
01005	BARIUM, DISSOLVED (UG/L AS BA)	2000.0	0.0
01007	BARIUM, TOTAL (UG/L AS BA)	2000.0	0.0
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	2000.0	0.0
01012	BERYLLIUM, TOTAL (UG/L AS BE)	2000.0	0.0
01020	BORON, DISSOLVED (UG/L AS B)	5000.0	0.0
01022	BORON, TOTAL (UG/L AS B)	5000.0	0.0
01025	CADMIUM, DISSOLVED (UG/L AS CD)	500.0	0.0
01027	CADMIUM, TOTAL (UG/L AS CD)	500.0	0.0
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	2000.0	0.0
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	2000.0	0.0
01033	CHROMIUM, TRI-VAL (UG/L AS CR)	2000.0	0.0
01034	CHROMIUM, TOTAL (UG/L AS CR)	2000.0	0.0
01040	COPPER, DISSOLVED (UG/L AS CU)	2000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
01042	COPPER, TOTAL (UG/L AS CU)	5000.0	0.0
01045	IRON, TOTAL (UG/L AS FE)	56000.0	0.0
01046	IRON, DISSOLVED (UG/L AS FE)	56000.0	0.0
01047	IRON, FERROUS (UG/L AS FE)	56000.0	0.0
01049	LEAD, DISSOLVED (UG/L AS PB)	1000.0	0.0
01051	LEAD, TOTAL (UG/L AS PB)	1000.0	0.0
01055	MANGANESE, TOTAL (UG/L AS MN)	5000.0	0.0
01056	MANGANESE, DISSOLVED (UG/L AS MN)	5000.0	0.0
01065	NICKEL, DISSOLVED (UG/L AS NI)	2000.0	0.0
01067	NICKEL, TOTAL (UG/L AS NI)	2000.0	0.0
01075	SILVER, DISSOLVED (UG/L AS AG)	5000.0	0.0
01077	SILVER, TOTAL (UG/L AS AG)	5000.0	0.0
01090	ZINC, DISSOLVED (UG/L AS ZN)	25000.0	0.0
01092	ZINC, TOTAL (UG/L AS ZN)	25000.0	0.0
01105	ALUMINUM, TOTAL (UG/L AS AL)	20000.0	0.0
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	20000.0	0.0
01145	SELENIUM, DISSOLVED (UG/L AS SE)	100.0	0.0
01501	ALPHA, TOTAL	200.0	0.0
01503	ALPHA, DISSOLVED	75.0	0.0
01505	ALPHA, SUSPENDED	150.0	0.0
03501	BETA, TOTAL	3500.0	0.0
03503	BETA, DISSOLVED	3000.0	0.0
03505	BETA, SUSPENDED	1500.0	0.0
09503	RADIUM 226, DISSOLVED	500.0	0.0
13501	STRONTIUM 90, TOTAL	500.0	0.0
22703	URANIUM, NATURAL, DISSOLVED	500.0	0.0
31501	COLIFORM, TOT,MEMBRANE FILTER,IMMED.M-ENDO MED, 35C	24000000.0	0.0
31502	COLIFORM, TOTAL, 10/ML	24000000.0	0.0
31503	COLIFORM, TOT,MEMBR FILTER, DELAYED,M-ENDO MED, 35C	24000000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
31504	COLIFORM, TOT,MEMBR FILTER,IMMED,LES ENDO AGAR, 35C	24000000.0	0.0
31613	FECAL COLIFORM, MEMBR FILTER, M-FC AGAR,44.5C, 24HR	10000000.0	0.0
31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	10000000.0	0.0
31616	FECAL COLIFORM, MEMBR FILTER,M-FC BROTH, 44.5C	10000000.0	0.0
31672	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48HR	500000.0	0.0
31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	500000.0	0.0
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	500000.0	0.0
31679	FECAL STREPTOCOCCI, MF M-ENTEROCOCCUS AGAR,35C,48H	500000.0	0.0
31749	PLATE COUNT, TOTAL, TPC AGAR, 20C, 48 HRS	99999999.0	0.0
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	99999999.0	0.0
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	500.0	0.0
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	750.0	0.0
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	1000.0	0.0
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	200.0	0.0
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	500.0	0.0
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	200.0	0.0
32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	2.0	0.0
32221	CHLOROPHYLL A,% OF(PHEOPHYTIN A+CHL A),SPEC-ACID.	101.0	0.0
32230	CHLOROPHYLL A (MG/L)	0.5	0.0
32231	CHLOROPHYLL B (MG/L)	0.8	0.0
32232	CHLOROPHYLL C (MG/L)	0.2	0.0
32234	CHLOROPHYLL, TOTAL (A+B+C) (MG/L)	1.0	0.0
32270	CHLOROFORM EXTRACTABLES TOTAL IN MG PER LITER	5.0	0.0
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	1500.0	0.0
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	10.0	0.0
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39340	GAMMA-BHC(LINDANE),WHOLE WATER, (UG/L)	20.0	0.0
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER, (UG/L)	20.0	0.0
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	5.0	0.0
60050	ALGAE, TOTAL (CELLS/ML)	700000.0	0.0
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), (MG/L)	4000.0	0.0
70505	PHOSPHATE, TOTAL,COLORIMETRIC METHOD (MG/L AS P)	10.0	0.0
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10.0	0.0
71850	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	65.0	0.0
71886	PHOSPHORUS, TOTAL, AS PO4 - (MG/L)	30.0	0.0
71890	MERCURY, DISSOLVED (UG/L AS HG)	10.0	0.0
71895	MERCURY, SUSPENDED (UG/L AS HG)	10.0	0.0
71900	MERCURY, TOTAL (UG/L AS HG)	10.0	0.0
74010	IRON, TOTAL (MG/L AS FE)	56000.0	0.0

Appendix D

STORET Administrative Parameters

STORET Code	Description of STORET Administrative Parameters
00022	LENGTH OF EXPOSURE OF SAMPLE OR TEST - DAYS
00026	TOXICS-IDENTIFY DATA COLLECTION BY EPA DIRECTIVE
00027	CODE NO FOR AGENCY COLLECTING SAMPLE
00028	CODE NO FOR AGENCY ANALYZING SAMPLE
00029	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE
00063	SAMPLING POINTS, NUMBER OF IN A CROSS SECTION
00073	SAMPLE LOC CODE DEFINED BY THERMAL STRUCT & DEPTH
00111	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI
00115	SAMPLE TREATMENT CODE (1=RAW,2=TREATED)
00116	INTENSIVE SURVEY IDENTIFICATION NUMBER
00145	TOTAL PRODUCTION OF PRODUCT MANUFACTURED TONS/DAY
01273	TOTAL ACID PRIORITY POLLUTANTS MG/L
01274	TOTAL BASE-NEUTRAL PRIORITY POLLUTANTS MG/L
01275	TOTAL VOLATILE PRIORITY POLLUTANTS MG/L
01365	ANALYSIS DATE (DIOXIN) (YYMMDD)
04177	SAMPLE STABILIZATION, RECOVERY TEST CODE
04178	FIELD PROTOCOL(CONFDNCE ASSIGNED FIELD SAMPLE) CODE
04179	SAMPLE STATION LOCKED CODE
04180	CONDITION OF STATION SITE CODE
04181	LABORATORY QA/QC PLAN CONFIDENCE CODE
04182	SAMPLE TYPE CODE
04183	SAMPLE REMARKS CODE
30333	BAG MESH SIZE, BEDLOAD SAMPLER, MM
34772	NPDES NUMBER, CROSS REFERENCE CODE
34785	GAGE TYPE, METHOD CODE

STORET Code	Description of STORET Administrative Parameters
45575	GC MAKE AND MODEL INFORMATION CODE
45576	GC DETECTOR TYPE CODE
45577	GC COLUMN TYPE CODE
45580	METHOD OF ANALYSIS CODE
45581	LABORATORY LOCATION CODE
46107	SAMPLE LOCATION CODE (TREATMENT PLANT OPERATION)
46390	TOXICITY CHARACTERISTIC LEACHING PROCEDURE P OR F
46396	PROCESS TO SIGNIFICANTLY REDUCE PATHOGENS YES OR NO
46397	PROCESS TO FURTHER REDUCE PATHOGENS YES OR NO
47001	PERMIT EXPIRATION DATE (JULIAN CALENDAR)
47044	OBSERVATIONS,WASTE SITE-SEVERITY OF PROBLEMS CODE
47460	SUBSAMPLE - DECIMAL FRACTION OF WHOLE NUMBER
47477	COMPOSITION AND/OR DISPOSITION OF CATCH NUM CODE
70231	CURRENT DIRECTION (DEGREES FROM DOWNSTREAM FLOW)
71999	SAMPLE PURPOSE CODE
72032	NUMBER OF SPILLWAY GATES OPEN
73672	DATE OF ANALYSIS YYMMDD
73673	DATE OF EXTRACTION YYMMDD
74031	GRANT, PROJECT COST ELIGIBLE FOR CONSTRUCTION
74032	GRANT, AMOUNT OF PL 660 GRANT FOR THIS PROJECT
74033	GRANT, FEDERAL, OTHER THAN PL 660 GRANT
74034	GRANT, FUTURE PL 660 WHICH MAY APPLY TO THIS PROJ
74035	GRANT, TOTAL FEDERAL, WHICH APPLIES TO THIS PROJ
74036	GRANT, PROJ NUMBER ASSIGNED TO THIS APPLICATION
74037	GRANT, TYPE OF PROJECT TO WHICH GRANT APPLIES
74038	GRANT, STATUS OF PROJECT TO WHICH GRANT APPLIES
74039	PCS/STORET WATER QUALITY FILE INTERFACE YR/MO/DAY
74040	SURVEY NUMBER YYMMNO
74041	STORET STORAGE TRANSACTION DATE YR/MO/DAY

STORET Code	Description of STORET Administrative Parameters
74050	RADIOACTIVITY, GENERAL (PERMIT)
74051	ALGICIDES, GENERAL (PERMIT)
74052	CHLORINATED HYDROCARBONS, GENERAL (PERMIT)
74053	PESTICIDES, GENERAL (PERMIT)
74056	COLIFORM, TOTAL, GENERAL (PERMIT)
74065	STREAM FLOW CLASS
74066	ANNUAL RUNOFF
74067	SOIL CLASSIFICATION
74068	WATER QUALITY DESIGNATED USE CLASSIFICATION (IA)
74100	PRIMARY 1972 SIC CODE
74101	SECONDARY 1972 SIC CODE
74102	SECONDARY 1972 SIC CODE
74103	SECONDARY 1972 SIC CODE
74200	SAMPLE PRESERVATION METHODS ONE OR MORE IN COMB.
74205	LAND RESOURCE AREA (IOWA)
74206	SOIL EROSION POTENTIAL (IOWA)
74209	WATER QUALITY INDEX - STATE OF ILLINOIS, EPA
74210	FOREST STREAM WATER QUALITY INDEX CALC. NUMBER
74990	FISH SPECIES NUMERIC CODE - F&W SERVICE
74995	ANATOMY CODE
75000	SPECIES CODE-REMARK=SEX (M=MALE,F=FEMALE,U=UNK.)
81028	WITHDRAWAL OF GROUNDWATER (MILLION GAL/DAY)
82258	WATER CLASSIFICATION CODE (1-9) CODE
82292	DATA RELAY GROUND STATION SOURCE NODE CODE, CODE
82309	CONTAMINATION SOURCE POSSIBLE CODES NUMERIC CODE
82310	DEPTH CONFIDENCE IN REPORTED VALUES NUMERIC CODES
82373	FREQUENCY OF SAMPLING M=MON,Q=QUAR,Y=YR,R=RNFFCODE
82519	DRILLER REGISTRATION NUMBER ALPHA-NUMERIC CODE
82562	NARRATIVE REQUIREMENT EXCEEDANCES INTEGER

STORET Code	Description of STORET Administrative Parameters
82576	DAILY EXCURSION TIME, WATER MIN
82577	MONTHLY EXCURSION TIME, WATER TOTAL MIN
82578	DAY/MAXIMUM EXCURSION TIME, WATER MIN
82579	CODE NUMBER FOR PERSON COLLECTING SAMPLE
84002	CODE, GENERAL INFORMATION - ALPHA, NUMERIC CODE
84003	WATER SHED ID NUMBER (IOWA)
84005	FISH SPECIES CODE-FISH & WILDLIFE SER
84006	OWNERSHIP CLASSIFICATION OF LAKE, ILLINOIS SYSTEM
84010	PUBLIC ACCESS TO LAKE ILLINOIS SYSTEM
84011	CONFIDENCE CODE FOR GLC CONFIRMATION CODE
84012	PATIENT PARAMETERS (AGE, SEX, WT, ETC.) CODE
84013	SAMPLE PARAMETERS D=DESIGN SPECIMEN, S=SURPLUS
84027	CODE NUMBER FOR AGENCY COLLECTING SAMPLE
84028	CODE NO FOR AGENCY ANALYZING SAMPLE
84029	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE FIELD
84033	EGD ANALYTICAL DATA COMPLETENESS Y=YES N=NO CODE
84034	EGD SMPL NO.(SMPL.IDENT) NUMERIC=SCS ALPH+4NUM=JRB
84035	EGD SAMPLE CLASSIFICATION CATEGORY ALPHA CODE
84036	EGD INDUSTRIAL CATEGORY NUMERIC CODE
84037	EGD INDUSTRIAL CATEGORY NAME ALPHA CODE
84038	EGD LABORATORY NUMERIC CODE
84039	EGD LABORATORY NAME ALPHA CODE
84040	EGD SAMPLE STATUS (1-5,9,AND BLANK) NUMERIC CODE
84041	EGD ACID STATUS (1-5,9,AND BLANK) NUMERIC CODE
84042	EGD BASE STATUS (1-5,9AND BLANK) NUMERIC CODE
84043	EGD PESTICIDE STATUS (1-5,9,AND BLANK) NUMERIC CODE
84044	EGD VOA FRACT. STATUS INDICATOR (1-5,9,BLANK) CODE
84045	EGD ACID EXTRACT DATE (YYMMDD) NUMERIC CODE
84046	EGD BASE EXTRACTION DATE (YYMMDD) NUMERIC CODE

STORET Code	Description of STORET Administrative Parameters
84047	EGD PESTICIDE EXTRACTION DATE (YYMMDD) NUMERIC CODE
84048	EGD VOA FRACTION INJECTION DATE YYMMDD NUMERIC CODE
84049	EGD ACID CONC. FACTOR (FIVE NUMERIC DIGITS) CODE
84050	EGD BASE CONC.FACTOR (FIVE NUMERIC DIGITS) CODE
84051	EGD PESTICIDE CONC.FACTOR (FIVE NUMERIC DIGITS) CODE
84052	EGD VOA FRACTION CONC. FACTOR (5 NUMERIC DIGITS) CODE
84053	SAMPLE TYPE AND FREQUENCY OF COLLECTION CODE
84054	LITHOLOGY ALPHA-NUMERIC CODE
84055	AVAILABLE LOGS ALPHA-NUMERIC CODE
84056	WATER USE CATEGORY ALPHA-NUMERIC CODE
84057	INSPECTION TYPE ALPHA-NUMERIC CODE
84058	HYDROGEOLOGIC SYSTEM ALPHA-NUMERIC CODE
84059	WELL OWNERSHIP ALPHA-NUMERIC CODE
84060	TOPOGRAPHY ALPHA-NUMERIC CODE
84061	WELL USE ALPHA-NUMERIC CODE
84062	MEASURING POINT DESCRIPTION ALPHA-NUMERIC CODE
84063	DRILLING METHOD ALPHA-NUMERIC CODE
84064	WELL DATA AVAILABILITY ALPHA-NUMERIC CODE
84065	PERMIT COMPLIANCE DATA ALPHA-NUMERIC CODE
84067	NATURE OF MONITORING ALPHA-NUMERIC CODE
84073	REPLACES EXISTING WELL ALPHA-NUMERIC CODE
84074	AQUIFER TYPE (SEE USGS HANDBOOK) ALPHA CODE
84075	WELL PERMIT NUMBER ALPHA-NUMERIC CODE
84076	TSD MONITORING WELL TYPE ALPHA CODE
84077	TSD MONITORING WELL SAMPLING METHOD ALPHA CODE
84083	POLLUTION VERIFICATION ALPHA CODE
84084	WELL SAMPLE PURPOSE ALPHA CODE
84090	SAMPLE FILE CONTROL PROJECT IDENTIFICATION A-CODE
84091	INFILTRATION DATE/BEGINNING 'YYMMDD'

STORET Code	Description of STORET Administrative Parameters
84092	INFILTRATION DATE/ENDING 'YYMMDD'
84093	ENFORCEMENT FORM #2-C,DATA IDENTIFICATION CODE
84102	SAMPLE SPECIES-SUB ID ALPHA CODE
84103	DIOXIN LABORATORY ALPHA CODE
84104	DIOXIN STUDY ALPHA CODE
84112	SOURCE OF GEOHYDROLOGIC DATA CODE
84119	SOURCE OF EVACUATION DATA CODE
84121	REGULATING AGENCY CODE
84122	SAMPLE PURPOSE CODE
84126	SOURCE OF DEPTH DATA CODE
84127	METHOD OF DEPTH MEASUREMENT CODE
84128	SOURCE OF WATER-LEVEL DATA CODE
84129	DATA QUALITY
84141	LAKE, PHYSICAL CONDITION AT SAMPLE TIME, 1-5, CODE
84142	LAKE,RECREATIONAL SUITABILITY @ SMPL TIME,1-5, CODE
84164	SAMPLER TYPE, CODE
85300	PROBLEM CODE NES SURVEY
85327	WATER LEVEL AT SAMPLE COLLECTION TIME-CODE-NES
85332	CLOUD COVER AT SAMPLE COLLECTION TIME-CODE-NES
85553	WELL COMPLETION DATE (MONTH/YEAR)
85554	WELL WORKOVER DATE, LATEST (MONTH/YEAR)

Appendix E

STORET Parameters Not Suitable for Statistical Analysis

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
00001	X-SEC. LOC., HORIZ (FT. FROM R BANK LOOK UPSTR.)
00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)
00005	X-SEC. LOC., VERTICAL (PERCENT OF TOTAL DEPTH)
00006	DISTANCE FROM LOCATION IN X MILES
00007	DISTANCE FROM LOCATION IN Y MILES
00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE
00009	X-SEC. LOC.(FT FROM LEFT BANK LOOKING DOWNSTRM)
00027	CODE NO FOR AGENCY COLLECTING SAMPLE
00028	CODE NO FOR AGENCY ANALYZING SAMPLE
00033	WEATHER CODE FOR OCEAN-OBSERV. (WMO CODE 4677)
00037	WIND FORCE (BEAUFORT UNITS)
00038	WIND DIRECTION (WMO CODES 0885 + 0887)
00041	WEATHER (WMO CODE 4501)
00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL
00043	CLOUD TYPE (WMO CODE 0500)
00044	CLOUD AMOUNT (WMO CODE 2700)
00047	TOTAL PARTIAL PRESSURE DISSOLVED GASES (MM HG)
00048	TOTAL PARTIAL PRESSURE DISSOLVED GASES (% SAT)
00049	SURFACE AREA IN SQUARE MILES
00050	EVAPORATION, TOTAL (INCHES PER DAY)
00051	SURFACE AREA IN SQUARE FEET
00053	SURFACE AREA, ACRES
00054	RESERVOIR STORAGE - ACRE FEET
00063	SAMPLING POINTS, NUMBER OF IN A CROSS SECTION
00067	TIDE STAGE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
00069	SEA WAVES(0=NONE;1=0-3";2=4-20";3=21-48";4=4-8')
00097	SAMPLING STATION LOCATION, VERTICAL (FEET)
00098	SAMPLING STATION LOCATION, VERTICAL (METERS)
00111	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI
00115	SAMPLE TREATMENT CODE (1=RAW,2=TREATED)
01300	OIL-GREASE (SEVERITY)
01305	DETERGENT SUDS (SEVERITY)
01310	GAS BUBBLES (SEVERITY)
01315	SLUDGE, FLOATING (SEVERITY)
01320	GARBAGE, FLOATING (SEVERITY)
01325	ALGAE, FLOATING MATS (SEVERITY)
01330	ODOR, ATMOSPHERIC (SEVERITY)
01331	TASTE (SEVERITY)
01335	SEWAGE SOLIDS, FRESH, FLOATING (SEVERITY)
01340	FISH, DEAD (SEVERITY)
01345	DEBRIS, FLOATING (SEVERITY)
01350	TURBIDITY (SEVERITY)
01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE
01355	ICE COVER, FLOATING OR SOLID (SEVERITY)
03595	BIOASSAY (96 HR), EFFLUENT, TOTAL CODE
03596	BIOASSAY (48 HR), EFFLUENT, TOTAL CODE
03597	BIOASSAY (24 HR), EFFLUENT, TOTAL CODE
03598	TOXICITY, EFFLUENT, TOTAL CODE
03599	TOXICITY, CHOICE OF SPECIES, EFFLUENT CODE
03600	TOXICITY, TROUT, EFFLUENT, TOTAL CODE
03601	TOXICITY, SAND DOLLAR, EFFLUENT CODE
03602	BIOCHEMICAL OXYGEN DEMAND, EFFLUENT, TOTAL CODE
03603	SOLIDS, TOTAL SUSPENDABLE, EFFLUENT, TOTAL CODE
03605	FLOW METER CALIBRATION, WATER CODE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
03717	ONCORHYNCHUS MYKISS, WATER CODE
04117	TETHER LINE USED FOR COLLECTING SAMPLE CODE
04160	HALOCARBONS, PURGEABLE, SCAN, EFFLUENT CODE
04161	HALOCARBONS, PURGEABLE, SCAN, SLUDGE CODE
04162	AROMATIC, PURGEABLE, SCAN, EFFLUENT CODE
04163	AROMATIC, PURGEABLE, SCAN, SLUDGE CODE
04164	PHENOLIC, TOTAL, SCAN, EFFLUENT CODE
04165	PHENOLIC, TOTAL, SCAN, SLUDGE CODE
04166	PCB, TOTAL, SCAN, EFFLUENT CODE
04167	PCB, TOTAL, SCAN, SLUDGE CODE
04174	FREE LIQUIDS IN SEWAGE SLUDGE CODE
34765	AVIAN NUMERICAL SPECIES CODE (BIRDS)
34766	MAMMALIAN NUMERICAL SPECIES CODE
34771	MACROPHYTE, INSTREAM, VISUAL SIGHTING CODE
34773	ODOR, AMBIENT WATER CODE
34774	FISH, INSTREAM, VISUAL SIGHTING CODE
34775	STREAMBANK CHANNEL ALTERATIONS CODE
34776	HYDRAULIC STRUCTURES, INSTREAM CODE
34780	LAND USE, ADJACENT STREAM CODE
34781	SAMPLE POINTS, # OF LONGTDNL TRANSECTS, REACH CODE
34782	STREAM STAGE TREND CODE
34789	HABITATS, TYPES SAMPLED CODE
45613	FLOATING SOLIDS/VISIBLE FOAM, VISUAL, YES=1, NO=0, CODE
45614	SANITARY WASTE DISCHARGE ASSESSMENT, YES=1, NO=0, CODE
45615	INTERMITTENT DISCHARGE ASSESSMENT, YES=1, NO=0,CODE
46001	WATER APPEARANCE CODE (BASED ON FIELD ASSESSMENT)
46478	EQUIPMENT INSPECTION, VISUAL CODE
46486	TOXICITY,ACUTE 24HR(STATIC)CERIODAPHNIA (P/F) CODE
47454	FLOW METER REVOLUTIONS NUMBER

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
47455	LATITUDE, STARTING, OF A SAMPLE TOW DDMMSS
47456	LONGITUDE, STARTING, OF A SAMPLE TOW DDDMMSS
47457	LATITUDE, FINISHING, OF A SAMPLE TOW DDMMSS
47458	LONGITUDE, FINISHING, OF A SAMPLE TOW DDDMMSS
47459	LENGTH FREQUENCY NUMBER
47461	TIME THAT THE EQUIPMENT WAS SAMPLING MINUTES
47476	DIRECTION OF TOW IN RELATION TO CURRENT NUM CODE
50044	HYDROGRAPH LIMB, 1BASE, 2RISING, 3PEAK, 4FALLING, CODE
61390	DIATOMS,FIRST DOMINANT SPECIES OF UNITS - CODE
61391	DIATOMS,SECOND DOMINANT SPECIES OF UNITS - CODE
61392	DIATOMS,THIRD DOMINANT SPECIES OF UNITS - CODE
61393	DIATOMS,FOURTH DOMINANT SPECIES OF UNITS - CODE
70220	WAVE DIRECTION (WMO CODES 0885 + 0887)
70222	WAVE HEIGHT (WMO CODE 1555)
70223	WAVE PERIOD (WMO CODE 3155)
71090	BIVALVE SPECIES CODE
71500	EQUITABILITY INDEX,BENTHIC MACROINVER CODE
72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)
72001	DEPTH, TOTAL OF HOLE (FT BELOW LAND SURFACE DATUM)
72002	DEPTH TO TOP OF WATER-BEARING ZONE SAMPLED (FT)
72003	DEPTH TO BOTTOM OF WATER-BEARING ZONE SAMPLED (FT)
72004	PUMP OR FLOW PERIOD PRIOR TO SAMPLING MINUTES
72005	SAMPLE SOURCE CODE (BM WELL DATA)
72006	SAMPLING CONDITION CODE (BM WELL DATA)
72007	FORMATION NAME CODE (BM WELL DATA)
72017	SERIES CODE (BM WELL DATA)
72018	SYSTEM CODE (BM WELL DATA)
72111	DIRECT READOUT GROUND STATN TRANSMIT EROR CODE NUM
74054	FECAL STREPTOCOCCI, GENERAL (PERMIT)

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
74055	FECAL COLIFORM, GENERAL (PERMIT)
80889	ACTIVATED SLUDGE PROCESS MODIFICATION CODE
81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)
81637	SHELLFISH SPECIES NUMERIC CODE
82289	LAGOON OBSERVATION, VISUAL, Y=YES N=NO CODE
82398	SAMPLING METHOD (CODES)
82524	STORAGE COEFFICIENT NUMERICAL CODE
82923	ATMOSPHERIC DEPOSITION TYPE, WET CODE
83205	ATMOSPHERIC DEPOSITION TYPE, BULK CODE
84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)
84001	AQUIFER NAME CODE (SEE USGS CATALOG)
84004	LAKE TYPE ILLINOIS CLASSIFICATION SYSTEM
84007	ANATOMY ALPHA CODE
84008	LIFE STYLE/HABITAT OF THE INDIVIDUALS IN THE SAMPLE
84009	SHELLFISH SPECIES ALPHANUMERIC CODE
84014	SPECIES SEX CODE
84030	CLOUD AMOUNT ALPHA WEATHER CODES
84031	PHYSICAL WEATHER ALPHA WEATHER CODES
84032	STREAM CONDITION ALPHA WEATHER CODES
84066	OIL AND GREASE, VISUAL, ALPHA-NUMERIC CODE
84068	SERIES CODE ALPHA-NUMERIC CODE
84069	FORMATION CODE ALPHA-NUMERIC CODE
84070	METHOD OF TESTING WELL YIELD ALPHA-NUMERIC CODE
84071	WATER LEVEL MEASUREMENT CONDITIONS ALPHA-NUM CODE
84072	WATER LEVEL MEASUREMENT METHOD ALPHA-NUMERIC CODE
84078	GIARDIA LAMBLIA, 2HSO4 OR SUC GRAD, MICRO, CODE
84079	BACTERIA, CELLUOLYTIC, AEROBIC-ANAEROBIC, RT 5-7, CODE
84080	BACTERIA, HYDROCARBONOCLASTIC, SHAKE INC 32C/WK, CODE
84081	YERSINIA ENTEROCOLITICA, SB BROTH, MAC AGAR,22C, CODE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
84082	SALMONELLA/SHIGELLA, QUANT OR QUAL, HVF OR SWAB, CODE
84085	ORGANICS, VOLATILE, DETECTED, NUMERIC CODE, CODE
84086	MACROINVERTEBRATE SPECIES NUMERIC CODE
84087	MACROINVERTEBRATE HABITAT CODE
84088	BIOLOGY 1 MACROINVERTEBRATE CODE
84089	BIOLOGY 2 MACROINVERTEBRATE CODE
84094	PHYTOPLANKTON SPECIES CODE, NUMERIC
84095	PHYTOPLANKTON SPECIES CODE, ALPHA
84096	SEVERITY OF NON-PLANKTON ALGAE-MAT COVERAGE CODE
84097	LAGOON MOUTH CONDITION CODE
84098	COLOR OF NON-PLANKTONIC ALGAE CODE
84099	WATER - RELATIVE WATER LEVEL CODE
84100	SEX(1-MALE,2-FEMALE,3-MIXED,4-UNKNOWN) NUM CODE
84101	METAFORM, BENTHIC, ADULT(A), PUPAE(P), LARVAE(L) CODE
84105	OIL-SEPARATOR OBSERVATION ASSESS (0=DID NOT,1=DID)
84106	EVAPORAT/BED OBS ASSESS (0=DID NOT LOOK, 1=DID LOOK)
84107	AREA INSPECTION, VISUAL (0=DID NOT, 1=DID) CODE
84108	DRAIN FIELD INSPECTION ASSESS (0=DID NOT, 1=DID) CODE
84109	SLUDGE BUILD-UP IN WATER (0=DID NOT OBS, 1=OBS) CODE
84110	POND OBSERVATION ASSESS WATER (0=DID NOT, 1=DID) CODE
84111	LITHOLOGIC MODIFIER CODE
84113	WELL INTAKE FINISH CODE
84114	WELL CASING MATERIAL CODE
84115	TYPE OF MATERIAL FROM WHICH OPENING IS MADE CODE
84116	DRILLING FLUID CODE
84117	TYPE OF SURFACE SEAL CODE
84118	METHOD OF DEVELOPMENT CODE
84120	PACKING MATERIAL CODE
84124	METHOD OF EVACUTAION CODE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
84125	METHOD OF WATER-LEVEL MEASUREMENT CODE
84130	OUTFALL OBSERVATION, VISUAL, Y=YES N=NO CODE
84131	SAMPLING METHOD, CONFIDENCE CODE (A,B,C,D) CODE
84132	STREAMBANK, VEGETATIVE STABILITY RATING CODE
84133	STREAMBANK, STABILITY (BANK EROSION) RATING CODE
84134	PARTICLES, DEGREE SURROUNDED BY FINE SEDIMENT, CODE
84135	STREAMSIDE, (SHORELINE) COVER RATING CODE
84136	CANOPY TYPE CODE
84137	CHANNEL STABILITY RATING CODE (E,G,F,P) CODE
84138	COLIFORM, TOTAL, WATER, WHOLE, MPN, PRES=1, ABSNT=2, CODE
84139	ENTEROBACTER AGGLOMERANS, WTR, MF, PRES=1, ABSNT=2, CODE
84140	KLEBSIELLA PNEUMONIAE, WTR, WH, MF, PRES=1, ABSNT=2, CODE
84143	WELL, PURGING CONDITION CODE
84144	WELL, SELECTION CRITERIA CODE
84145	PROJECT COMPONENT CODE
84146	LAND USE, PREDOMINANT, WITHIN 100 FT OF WELL, CODE
84147	LAND USE, PREDOMINANT, 1/4 MI.RADIUS OF WELL, CODE
84148	LAND USE, PREDMNT., FRAC., WITHIN 1/4 MI OF WELL, CODE
84149	LAND USE, CHANGE, LAST 10 YRS, WITHIN 1/4MI WELL, CODE
84150	HABITAT QUALITY INDEX RATING CODE
84151	AQUATIC LIFE, USE CLASSES CODE
84152	STREAM, STAGE CLASS CODE
84153	STREAMBANKS, GRAZING DAMAGE CODE
84154	CHANNEL, MAJOR ALTERATIONS CODE
84155	RIFFLE/RUNS, OCCURRENCE CODE
84156	POOL, DESCRIPTION CODE
84157	SANDBARS, LARGE, OCCURRENCE CODE
84158	LAND USE, NEAR STREAM, PREDOMINANT CODE
84159	STREAM,COVER (INSTREAM SHELTER FOR ADULT FISH), CODE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
84160	STREAM, DEGRADATION RATING CODE
84161	STREAM, ORDER CODE
84162	LAND RESOURCE AREA CODE
84163	FLOW, STREAM, CLASSIFICATION CODE
84165	DISCHARGE EVENT OBSERVATION, YES=1 NO=0, CODE
84166	STORM HYDROGRAPH, DIRECTION, (RISE,FALL), CODE
84167	MICROSCOPIC EXAMINATION CODE
84168	AVIAN SPECIES ALPHA CODE (BIRDS)
84169	MAMMALIAN ALPHA SPECIES CODE
84170	ALPHA AGE TEXT CODE
84200	LATITUDE/LONGITUDE COORDINATES OF WELL, METHOD CODE
84201	NATIONAL REFERENCE DATUM, ALTITUDE(VERTICAL) CODE
84202	ALTITUDE METHOD CODE
85000	STREAM MILE, ACTUAL MILES
85014	HABITAT, 1970 ACRES THIS TYPE FOR THIS STATION
85015	HAB., ESTIMATED ACRES THIS TYPE THIS STATION
85016	HAB., ESTIMATED ACRES THIS TYPE THIS STA. BY 1990
85017	HAB., ESTIMATED ACRES THIS TYPE THIS STA. BY 2000
85018	TYPE CODES: 1=CLEAR CUT/2=SELECT CUT/3=RNGE DEVLP
85019	ACRES, NO. ALTERED FROM 1965-1970 (0-5 YEARS OLD)
85020	ACRES, NO. ALTERED 1960-1965 (5-10 YEARS OLD)
85021	ACRES, NO. ALTERED 1955-1960 (10-15 YEARS OLD)
85022	ACRES, NO. ALTERED 1950-1955 (15-20 YEARS OLD)
85023	ACRES, NO. ALTERED BEFORE 1950 (20+ YEARS OLD)
85024	ACRES,PREDICTED YRLY.AVE.TO BE ALTERED IN FUTURE
85025	LANDOWNERS, CODES FOR ALL IN STATE OF OREGON
85026	ACRES, CURRENT OWNED THIS LANDOWNER THIS STATION
85027	ACRES, ESTIMATED OWNED BY L-O THIS STA. BY 1980
85028	ACRES, ESTIMATED OWNED BY L-O THIS STA. BY 1990

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
85029	ACRES, ESTIMATED OWNED BY L-O THIS STA. BY 2000
85030	LAND USES, CODES FOR ALL IN STATE OF OREGON
85031	ACRES, CURRENT DEDICATED TO THIS USE THIS STATION
85032	ACRES, ESTM. DEDICTD TO THIS USE THIS STA BY 1980
85033	ACRES, ESTM. DEDICTD TO THIS USE THIS STA BY 1990
85034	ACRES, ESTM. DEDICTD TO THIS USE BY YR.2000 --STA.
85035	HAB., INDICATED ANIMAL USES THIS TYPE IN WINTER
85036	HAB., INDICATED ANIMAL USES THIS TYPE IN SPRING
85037	HAB., INDICATED ANIMAL USES THIS TYPE IN SUMMER
85038	HAB., INDICATED ANIMAL USES THIS TYPE IN FALL
85039	HAB., INDICATED ANML USES THIS TYPE FOR WINTERING
85040	HAB., INDICATED ANML USES THIS TYPE FOR FEEDING
85041	HAB., INDICATED ANML USES TYPE FOR REARING YOUNG
85042	HAB., INDICATED BIRD USES THIS TYPE FOR NESTING
85043	HAB., INDICATED ANML USES THIS TYPE FOR SHELTER
85044	HAB., INDICATED ANML USES THIS TYPE FOR REST AREA
85045	ANML, SHOWS PRESENCE/ABSNC OF COMMENTS ON THIS ANML
85046	HAB.,ACRES OCCUPIED BY THIS ANML THIS UNIT & CO.
85050	ANIMALS ARE NOT PRESENT THIS STATION
85051	ANIMALS, ONLY A FEW ARE PRESENT THIS STATION
85052	ANIMALS COMMONLY SEEN; USE MODERATE THIS STATION
85053	ANIMALS FREQUENTLY SEEN; USE HEAVY THIS STATION
85070	OWNERSHIP (.1) AND ACCESS (.2) BY YEAR
85071	PRIVATE OWNERSHIP AND ACCESS MILEAGE
85072	FEDERAL OWNERSHIP AND ACCESS MILEAGE
85073	STATE OWNERSHIP AND ACCESS MILEAGE
85074	COUNTY OWNERSHIP AND ACCESS MILEAGE
85075	CITY OWNERSHIP AND ACCESS MILEAGE
85076	WATER YEAR DATA REFERS TO

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
85077	CALENDAR YEAR DATA REFERS TO
85088	MONTHS POLLUTION IS A PROBLEM JAN THRU JUNE
85089	MONTHS POLLUTION IS A PROBLEM JULY TO DECEMBER
85090	MAN-CAUSED CHANNEL CHANGE IN MILES
85091	STREAM BANK HABITAT DESTROYED IN MILES
85092	STREAMBED SILTED IN MILES
85093	TURBIDITY PROBLEM IN MILES
85094	SEVERITY: 1=ELIMINATES 2=INTERFERES 3=NO PROBLEM
85095	DURATION OF TURBIDITY PROBLEM IN MONTHS
85096	SEASON OF NATURAL DRY CHANNEL 1=SP 2=SU 3=F 4=W
85097	NATURAL DRY CHANNEL IN MILES
85098	MAN-CAUSED DRY CHANNEL SEASON 1=SP 2=SU 3=F 4=W
85099	MAN-CAUSED DRY CHANNEL IN MILES
85100	YEAR BARRIER IS PRESENT
85101	NUMBER OF NATURAL BARRIERS
85102	MILES BLOCKED BY NATURAL BARRIERS
85103	NUMBER OF NATURAL BARRIERS TO BE REMOVED
85104	NUMBER OF DAMS AND MAN CAUSED OBSTRUCTIONS
85105	MILES BLOCKED BY DAMS OR MAN CAUSED OBSTRUCTIONS
85106	NUMBER OF DAMS TO BE ALTERED
85107	MILES OF STREAM OCCUPIED BY IMPOUNDMENT
85108	LOWER END OF SECTION COVERED BY THIS FORM
85109	UPPER END OF SECTION COVERED BY THIS FORM
85110	LOWER LIMIT THIS SPECIES THIS FORM BY RIVER MILE
85111	UPPER LIMIT THIS SPECIES THIS FORM BY RIVER MILE
85112	STREAM SURVEY:1=COMPLETE 2=INCOMPLETE 3=NONE
85113	ABUNDANCE: 1=FSHWY/TAG&R 2=SURVEY 3=EST PLUS 4=EST
85114	ABUNDANCE: N=S&ST 1=ABUNDANT 4=SCARCE RGH FSH 3=SCARCE
85116	SQUARE YARDS OF SPAWNING AREA IN 1970

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
85117	SQUARE YARDS OF SPAWNING AREA IN 1980
85118	SQUARE YARDS OF SPAWNING AREA IN 1990
85119	SQUARE YARDS OF SPAWNING AREA IN 2000
85120	MILES OF REARING AREA IN 1970
85121	MILES OF REARING AREA IN 1980
85122	MILES OF REARING AREA IN 1990
85123	MILES OF REARING AREA IN 2000
85124	CATCH BY SPORT ANGLING IN 1970
85125	RECREATION DAYS SPENT ANGLING IN 1970
85126	RECREATION DAYS SPENT ANGLING IN 1980
85127	RECREATION DAYS SPENT ANGLING IN 1990
85128	RECREATION DAYS SPENT ANGLING IN 2000
85129	CONTRIBUTION TO COMMERCIAL CATCH IN 1970
85130	PERCENT OF TOTAL FISHING DONE FROM BOAT IN 1970
85131	PERCENT OF TOTAL FISHING DONE FROM BANK IN 1970
85132	PERCENT OF TOTAL FISHING DONE WITH LURE IN 1970
85133	PERCENT OF TOTAL FISHING DONE WITH BAIT IN 1970
85134	PERCENT OF TOTAL FISHING DONE WITH A FLY IN 1970
85146	YEAR THIS FACTOR HAS A LIMITING EFFECT
85157	MAN DAYS OF WATER SKIING
85158	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NO ACTIVITY
85159	MAN DAYS OF BOATING OTHER THAN ANGLING
85160	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NO ACTIVITY
85161	MAN DAYS OF SWIMMING
85162	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NO ACTIVITY
85163	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NOT PRESENT
85165	NUMBER OF MONTHS SUSPENDED SOLIDS ARE A PROBLEM
85167	NUMBER OF MONTHS PLANKTON IS A PROBLEM
85168	1=ELIMINATE PROD 2=REDUCE 3=NO INTER. 4=NOT PRES

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
85169	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85170	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85171	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85172	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85173	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85174	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85175	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85176	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85177	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85178	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85179	YEAR THIS NUMBER OF FACILITIES PRESENT
85180	NUMBER OF BOAT RAMPS
85181	NUMBER OF MOORAGES
85182	NUMBER OF PICNIC AREAS
85183	NUMBER OF CAMP AREAS
85184	NUMBER OF RESORTS
85185	YEAR THIS ZONED AREA PRESENT
85186	ACRES SET ASIDE FOR OTHER BOATING
85187	ACRES SET ASIDE FOR WATER SKIING
85188	MILES OF SHORE LOST TO ACCESS BY HOME SITES
85189	TOTAL MILES OF SHORELINE
85193	WILL RECR BE INC BY RELEASE OF FINGERL 0=NO 1=YES
85195	CATCH AND RECREATION ESTIMATE 1=BEST 4=POOREST
85333	PRECIPITATION-SAMPLE COLLECTION TIME-CODE- NES
85538	GAMMA SCAN DATE (YR,MO,DAY)
85539	DATE OF REPORT (YR,MO,DAY)
85658	TIME NIGHT CO2 HR
85661	TIME, INTERVAL DAY CO2 HR

Appendix F

National EPA Water Quality Criteria Summary[1]

The following table presents the national water quality criteria that were used to assess water quality data on a station-by-station basis and within the entire study area. Criteria are, for the most part, maximum values (except for dissolved oxygen, pH, and as noted). Criteria exist in any of four categories: Fresh Acute, Drinking Water, Marine Acute, and Other. Acute criteria are the highest 1-hour average concentrations which should not result in unacceptable impacts to aquatic organisms in either fresh or marine waters, respectively. The Drinking Water criteria are intended for human consumption; while the Other criteria represents National Park Service or other concerns. Parameters are listed in ascending order by STORET code. It is important to note that similar parameters often have non-consecutive codes. Consequently, scanning the entire list is necessary to obtain the criteria for all parameters of a particular type (eg. lead, copper, etc.). Refer to the Parameter Period of Record Tabulation to obtain the STORET code for any parameter measured in the park.

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
	00070				50[t]	TURBIDITY, JACKSON CANDLE UNITS	JTU	Physical
	00076				50[t]	TURBIDITY, HACH TURBIDIMETER, FORMAZIN TUR. UNITS	FTU	Physical
14808798	00154		250[s]			SULFATE (AS S) WHOLE WATER	MG/L	General Inorganic
7782447	00299				4.0[u]	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	MG/L	Dissolved Oxygen
7782447	00300				4.0[u]	OXYGEN, DISSOLVED	MG/L	Dissolved Oxygen
	00400				≤6.5, ≥9.0[#]	PH	SU	Physical
	00403				≤6.5, ≥9.0[#]	PH, LAB	SU	Physical
	00406				≤6.5, ≥9.0[#]	PH, FIELD	SU	Physical

[1]Sources: (1) U.S. Environmental Protection Agency, Quality Criteria for Water 1995, Final Draft; (2) U.S. Environmental Protection Agency, 40 CFR 141 - National Primary Drinking Water Regulations, and 40 CFR 143 - National Secondary Drinking Water Regulations, July 1, 1994; and (3) Others as Noted in Footnotes.

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
471341	00409				<200[=]	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYSIS	UEQ/L	General Inorganic
17778880	00613		1			NITRITE NITROGEN, DISSOLVED AS N	MG/L	Nitrogen
17778880	00615		1			NITRITE NITROGEN, TOTAL AS N	MG/L	Nitrogen
17778880	00618		10			NITRATE NITROGEN, DISSOLVED AS N	MG/L	Nitrogen
17778880	00620		10			NITRATE NITROGEN, TOTAL AS N	MG/L	Nitrogen
17778880	00628		10			NITRITE + NITRATE, SUSPENDED AS N	MG/L	Nitrogen
17778880	00630		10			NITRITE PLUS NITRATE, TOTAL 1 DET.	MG/L	Nitrogen
17778880	00631		10			NITRITE PLUS NITRATE, DISSOLVED 1 DET.	MG/L	Nitrogen
57125	00718	22	200	1.0		CYANIDE, WEAK ACID, DISSOCIABLE, WATER, WHOLE	UG/L	General Inorganic
57125	00719	22	200	1.0		CYANIDE, FREE,IN WATER&WASTEWATERS, HBG METHOD	UG/L	General Inorganic
57125	00720	0.022	0.2	0.001		CYANIDE, TOTAL	MG/L	General Inorganic
57125	00722	0.022	0.2	0.001		CYANIDE, FREE (AMENABLE TO CHLORINATION)	MG/L	General Inorganic
57125	00723	22	200	1.0		CYANIDE, DISSOLVED STD METHOD	UG/L	General Inorganic
57125	00724	22	200	1.0		CYANIDE COMPLEXED TO A RANGE OF COMPNDS, WATER	UG/L	General Inorganic
16887006	00940	860	250[s]			CHLORIDE,TOTAL IN WATER	MG/L	General Inorganic
16887006	00941	860	250[s]			CHLORIDE, DISSOLVED IN WATER	MG/L	General Inorganic
14808798	00945		250[s]			SULFATE, TOTAL (AS SO4)	MG/L	General Inorganic
14808798	00946		250[s]			SULFATE, DISSOLVED (AS SO4)	MG/L	General Inorganic
1332214	00948		7000000			ASBESTOS, WHOLE SAMPLE	CNT/L	General Inorganic
16984488	00950		4.0			FLUORIDE, DISSOLVED AS F	MG/L	General Inorganic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
16984488	00951		4.0			FLUORIDE, TOTAL AS F	MG/L	General Inorganic
7782414	00953		4000			FLUORINE, TOTAL	UG/L	General Inorganic
7440382	00978	360	50	69		ARSENIC, TOTAL RECOVERABLE IN WATER AS AS	UG/L	Metal
7782492	00981	20	50	300		SELENIUM,TOTAL RECOVERABLE IN WATER AS SE	UG/L	Metal
7440280	00982	1400*	2.0	2130*		THALLIUM, TOTAL RECOVERABLE IN WATER AS TL	UG/L	Metal
7782492	00990	20	50	300		SELENITE, TOTAL RECOVERABLE INORGANIC	UG/L	Metal
7440382	00991	360	50	69		ARSENIC, TOTAL RECOVERABLE TRIVALENT INORGANIC	UG/L	Metal
7440382	00995	360	50	69		ARSENIC, INORGANIC DISS	UG/L	Metal
7440382	00996	360	50	69		ARSENIC, INORGANIC SUSP	UG/L	Metal
7440382	00997	360	50	69		ARSENIC, INORGANIC TOT	UG/L	Metal
7440417	00998	130*	4.0			BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE	UG/L	Metal
7440382	01000	360	50	69		ARSENIC, DISSOLVED	UG/L	Metal
7440382	01001	360	50	69		ARSENIC, SUSPENDED	UG/L	Metal
7440382	01002	360	50	69		ARSENIC, TOTAL	UG/L	Metal
7440393	01005		2000			BARIUM, DISSOLVED	UG/L	Metal
7440393	01006		2000			BARIUM, SUSPENDED	UG/L	Metal
7440393	01007		2000			BARIUM, TOTAL	UG/L	Metal
7440393	01009		2000			BARIUM,TOTAL RECOVERABLE IN WATER AS BA	UG/L	Metal
7440417	01010	130*	4.0			BERYLLIUM, DISSOLVED	UG/L	Metal
7440417	01011	130*	4.0			BERYLLIUM, SUSPENDED	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440417	01012	130*	4.0			BERYLLIUM, TOTAL	UG/L	Metal
7440439	01025	3.9+	5.0	43		CADMIUM, DISSOLVED	UG/L	Metal
7440439	01026	3.9+	5.0	43		CADMIUM, SUSPENDED	UG/L	Metal
7440439	01027	3.9+	5.0	43		CADMIUM, TOTAL	UG/L	Metal
7440473	01030		100			CHROMIUM, DISSOLVED	UG/L	Metal
7440473	01031		100			CHROMIUM, SUSPENDED	UG/L	Metal
7440473	01032	16	100	1100		CHROMIUM, HEXAVALENT	UG/L	Metal
16065831	01033	1700+	100	10300*		CHROMIUM, TRI-VAL	UG/L	Metal
7440473	01034		100			CHROMIUM, TOTAL	UG/L	Metal
7440508	01040	18+	1300a	2.9		COPPER, DISSOLVED	UG/L	Metal
7440508	01041	18+	1300a	2.9		COPPER, SUSPENDED	UG/L	Metal
7440508	01042	18+	1300a	2.9		COPPER, TOTAL	UG/L	Metal
7439921	01049	82+	15a	220		LEAD, DISSOLVED	UG/L	Metal
7439921	01050	82+	15a	220		LEAD, SUSPENDED	UG/L	Metal
7439921	01051	82+	15a	220		LEAD, TOTAL	UG/L	Metal
7440280	01057	1400*	2.0	2130*		THALLIUM, DISSOLVED	UG/L	Metal
7440280	01058	1400*	2.0	2130*		THALLIUM, SUSPENDED	UG/L	Metal
7440280	01059	1400*	2.0	2130*		THALLIUM, TOTAL	UG/L	Metal
7440020	01065	1400+	100	75		NICKEL, DISSOLVED	UG/L	Metal
7440020	01066	1400+	100	75		NICKEL, SUSPENDED	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440020	01067	1400[+]	100	75		NICKEL, TOTAL	UG/L	Metal
7440020	01074	1400[+]	100	75		NICKEL, TOTAL RECOVERABLE IN WATER AS NI	UG/L	Metal
7440224	01075	4.1[+]	100[s]	0.12		SILVER, DISSOLVED	UG/L	Metal
7440224	01076	4.1[+]	100[s]	0.12		SILVER, SUSPENDED	UG/L	Metal
7440224	01077	4.1[+]	100[s]	0.12		SILVER, TOTAL	UG/L	Metal
7440224	01079	4.1[+]	100[s]	0.12		SILVER, TOTAL RECOVERABLE IN WATER AS AG	UG/L	Metal
7440508	01089	0.018[+]	1.3[a]	0.0029		COPPER AS SUSPENDED BLACK OXIDE IN WATER	MG/L	General Inorganic
7440666	01090	120[+]	5000[s]	95		ZINC, DISSOLVED	UG/L	Metal
7440666	01091	120[+]	5000[s]	95		ZINC, SUSPENDED	UG/L	Metal
7440666	01092	120[+]	5000[s]	95		ZINC, TOTAL	UG/L	Metal
7440666	01094	120[+]	5000[s]	95		ZINC, TOTAL RECOVERABLE IN WATER AS ZN	UG/L	Metal
7440360	01095	88[p]	6.0	1500[p]		ANTIMONY, DISSOLVED	UG/L	Metal
7440360	01096	88[p]	6.0	1500[p]		ANTIMONY, SUSPENDED	UG/L	Metal
7440360	01097	88[p]	6.0	1500[p]		ANTIMONY, TOTAL	UG/L	Metal
7440439	01113	3.9[+]	5.0	43		CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	UG/L	Metal
7439921	01114	82[+]	15[a]	220		LEAD, TOTAL RECOVERABLE IN WATER AS PB	UG/L	Metal
7440473	01118		100			CHROMIUM TOTAL RECOVERABLE IN WATER AS CR	UG/L	Metal
7440508	01119	18[+]	1300[a]	2.9		COPPER, TOTAL RECOVERABLE IN WATER AS CU	UG/L	Metal
7440280	01124	1400[*]	2.0	2130[*]		THALLIUM, ACID SOLUBLE, WATER, WHOLE	UG/L	Metal
7440280	01128	1400[*]	2.0	2130[*]		THALLIUM, TOTAL RECOVERABLE <95%	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7782492	01145	20	50	300		SELENIUM, DISSOLVED	UG/L	Metal
7782492	01146	20	50	300		SELENIUM, SUSPENDED	UG/L	Metal
7782492	01147	20	50	300		SELENIUM, TOTAL	UG/L	Metal
7782492	01167	20	50	300		SELENIUM, ACID SOLUBLE, WATER, WHOLE	UG/L	Metal
18540299	01220	16	100	1100		CHROMIUM, HEXAVALENT, DISSOLVED	UG/L	Metal
7440360	01268	88[p]	6.0	1500[p]		ANTIMONY (SB), WATER, TOTAL RECOVERABLE	UG/L	Metal
57125	01291	22	200	1.0		CYANIDE, FILTERABLE, TOTAL IN WATER	UG/L	General Inorganic
7440666	01303	0.120[+]	5.0[s]	0.095		ZINC, POTENTIALLY DISSOLVED WATER	MG/L	Metal
7440224	01304	0.0041[+]	0.1[s]	0.00012		SILVER, POTENTIALLY DISSOLVED WATER	MG/L	Metal
7440508	01306	0.018[+]	1.3[a]	0.0029		COPPER, POTENTIALLY DISSOLVED WATER	MG/L	Metal
18540299	01307	0.016	0.1	1.1		CHROMIUM, HEXAVALENT, POTENTIALLY DISSOLVED	MG/L	Metal
7440382	01309	0.36	0.05	0.069		ARSENIC, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440393	01311		2.0			BARIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440417	01312	0.13[*]	0.004			BERYLLIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440439	01313	0.0039[+]	0.005	0.043		CADMIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
16065831	01314	1.7[+]	0.1	10.3[*]		CHROMIUM, TRIVALENT, POTENTIALLY DISSOLVED	MG/L	Metal
7439921	01318	0.082[+]	0.015[a]	0.220		LEAD, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7439976	01321	0.0024	0.002	0.0021		MERCURY, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440020	01322	1.4[+]	0.1	0.075		NICKEL, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7782492	01323	0.020	0.050	0.300		SELENIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440280	01324	1.4*	0.002	2.13*		THALLIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440611	01326		0.020c			URANIUM, POTENTIALLY DISSOLVED, WATER	MG/L	Metal
7440224	01523	4.1+	100s	0.12		SILVER, IONIC	UG/L	Metal
50328	03648		0.2			BENZO (A) PYRENE, LIQUID FRACTION, ELUTRIATE	UG/L	General Organic
122349	04035		4.0			SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE	UG/L	Pesticide
10028178	04124		20r			TRITIUM, TOTAL, WATER	PC/ML	Radiological
10028178	07000		20000r			TRITIUM, TOTAL	PC/L	Radiological
10028178	07005		20000r			TRITIUM, DISSOLVED	PC/L	Radiological
10028178	07010		20000r			TRITIUM, SUSPENDED	PC/L	Radiological
	09501		5.0			RADIUM 226, TOTAL	PC/L	Radiological
	09503		5.0			RADIUM 226, DISSOLVED	PC/L	Radiological
	09505		5.0			RADIUM 226, SUSPENDED	PC/L	Radiological
	11500		5.0			RADIUM 226 + RADIUM 228, DISSOLVED	PC/L	Radiological
	11501		5.0			RADIUM 228, TOTAL	PC/L	Radiological
	11503		5.0			RADIUM 226 + RADIUM 228, TOTAL	PC/L	Radiological
10098972	13501		8.0r			STRONTIUM 90, TOTAL	PC/L	Radiological
10098972	13503		8.0r			STRONTIUM 90, DISSOLVED	PC/L	Radiological
10098972	13505		8.0r			STRONTIUM 90, SUSPENDED	PC/L	Radiological
7782492	22675	20	50	300		SELENIUM, DISSOLVED ORGANIC	UG/L	Metal
7782492	22676	20	50	300		SELENIUM, HEXAVALENT, DISSOLVED	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7782492	22677	20	50	300		SELENIUM, TETRAVALENT, DISSOLVED	UG/L	Metal
7440382	22678	360	50	69		ARSENIC, DISSOLVED ORGANIC	UG/L	Metal
7440382	22679	850*	50	2319*		ARSENIC, PENTAVALENT,DISSOLVED	UG/L	Metal
7440382	22680	360	50	69		ARSENIC, TRIVALENT, DISSOLVED	UG/L	Metal
7440611	22703		20c			URANIUM, NATURAL DISSOLVED	UG/L	Metal
7440611	22705		20c			URANIUM, NATURAL SUSPENDED	UG/L	Metal
7440611	22706		20c			URANIUM, TOTAL AS U308	UG/L	Metal
7440611	22708		0.020c			URANIUM, NATURAL, TOTAL	MG/L	Radiological
7440611	28011		20c			URANIUM, NATURAL, TOTAL	UG/L	Radiological
88857	30191		7.0			DINOSEB, WATER, WHOLE RECOVERABLE	UG/L	Pesticide
75990	30200		200			DALAPON, WATER, WHOLE RECOVERABLE	UG/L	Pesticide
106934	30203		0.05			ETHANE, 1,2-DIBROMO-, WATER, WHOLE, RECOVERABLE	UG/L	Pesticide
	31501		1.0n		1000b	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	CFU/100ML	Bacteriological
	31503		1.0n		1000b	COLIFORM, TOTAL, MEMBRANE FILTER, DELAY. M-ENDO	CFU/100ML	Bacteriological
	31504		1.0n		1000b	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED. LES-ENDO	CFU/100ML	Bacteriological
	31505		1.0n		1000b	COLIFORM, TOTAL, MPN, CONF. TEST 35C (TUBE 31506)	MPN/100ML	Bacteriological
	31506		1.0n		1000b	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE CONFIG	MPN/100ML	Bacteriological
	31507		1.0n		1000b	COLIFORM, TOTAL, MPN, COMP. TEST 35C (TUBE 31508)	MPN/100ML	Bacteriological
	31508		1.0n		1000b	COLIFORM, TOTAL, MPN, COMP. TEST, TUBE CONFIG	MPN/100ML	Bacteriological
	31613				200^	FECAL COLIFORM, MEMBRANE FILTER, AGAR	CFU/100ML	Bacteriological

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
	31614				200^	FECAL COLIFORM, MPN, TUBE CONFIGURATION	MPN/100ML	Bacteriological
	31615				200^	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	MPN/100ML	Bacteriological
	31616				200^	FECAL COLIFORM, MEMBRANE FILTER, BROTH, 44.5C	CFU/100ML	Bacteriological
	31617				200^	FECAL COLIFORM, MPN, EIJKMAN, 44.5C (TUBE 31618)	MPN/100ML	Bacteriological
	31625				200^	FECAL COLIFORM, MF, M-FC, 0.7 UM	CFU/100ML	Bacteriological
	31648				126^	E. COLI, MTEC, MF	CFU/100ML	Bacteriological
	31649				33^	ENTEROCOCCI, ME, MF	CFU/100ML	Bacteriological
67663	32003	28900*	100[t]			CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	UG/L	General Organic
67663	32005	28900*	100[t]			CARBON CHLOROFORM EXTRACTABLES	UG/L	General Organic
67663	32021	28900*	100[t]			CARBON CHLOROFORM EXTRACTS, ETHER INSOLUBLES OF	UG/L	General Organic
67663	32022	28900*	100[t]			CARBON CHLOROFORM EXTRACTS, WATER SOLUBLES OF	UG/L	General Organic
75274	32101		100[t]			BROMODICHLOROMETHANE, WHOLE WATER	UG/L	General Organic
56235	32102	35200*	5.0	50000*		CARBON TETRACHLORIDE, WHOLE WATER	UG/L	General Organic
107062	32103	118000*	5.0	113000*		1,2-DICHLOROETHANE,WHOLE WATER	UG/L	General Organic
75252	32104		100[t]			BROMOFORM, WHOLE WATER	UG/L	General Organic
124481	32105		100[t]			DIBROMOCHLOROMETHANE, WHOLE WATER	UG/L	General Organic
67663	32106	28900*	100[t]			CHLOROFORM, WHOLE WATER	UG/L	General Organic
56235	32260	35.2*	0.005	50*		CARBON TETRACHLORIDE EXTRACTABLES	MG/L	General Organic
67663	32270	28.9*	0.1[t]			CHLOROFORM EXTRACTABLES TOTAL	MG/L	General Organic
108883	34010	17500*	1000	6300*		TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
1330207	34020		10000			XYLENES IN WTR SMPLE GC-MS, HEXADECONE EXTR.	UG/L	General Organic
83329	34205	1700*		970*		ACENAPHTHENE, TOTAL	UG/L	General Organic
83329	34206	1700*		970*		ACENAPHTHENE, DISSOLVED	UG/L	General Organic
83329	34207	1700*		970*		ACENAPHTHENE, SUSPENDED	UG/L	General Organic
107028	34210	68*		55*		ACROLEIN, TOTAL	UG/L	Pesticide
107028	34211	68*		55*		ACROLEIN, DISSOLVED	UG/L	Pesticide
107028	34212	68*		55*		ACROLEIN, SUSPENDED	UG/L	Pesticide
107131	34215	7550*				ACRYLONITRILE, TOTAL	UG/L	General Organic
107131	34216	7550*				ACRYLONITRILE, DISSOLVED	UG/L	General Organic
107131	34217	7550*				ACRYLONITRILE, SUSPENDED	UG/L	General Organic
71432	34235	5300*	5.0	5100*		BENZENE, DISSOLVED	UG/L	General Organic
71432	34236	5300*	5.0	5100*		BENZENE, SUSPENDED	UG/L	General Organic
92875	34239	2500*				BENZIDINE, DISSOLVED	UG/L	General Organic
92875	34240	2500*				BENZIDINE, SUSPENDED	UG/L	General Organic
58899	34265	2.0	0.2	0.16		R-BHC (LINDANE) GAMMA, DISSOLVED	UG/L	Pesticide
58899	34266	2.0	0.2	0.16		R-BHC (LINDANE) GAMMA, SUSPENDED	UG/L	Pesticide
75252	34288		100[t]			BROMOFORM, DISSOLVED	UG/L	General Organic
75252	34289		100[t]			BROMOFORM, SUSPENDED	UG/L	General Organic
56235	34297	35200*	5.0	50000*		CARBON TETRACHLORIDE, DISSOLVED	UG/L	General Organic
56235	34298	35200*	5.0	50000*		CARBON TETRACHLORIDE, SUSPENDED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
108907	34301		100			CHLOROBENZENE, TOTAL	UG/L	General Organic
108907	34302		100			CHLOROBENZENE, DISSOLVED	UG/L	General Organic
108907	34303		100			CHLOROBENZENE, SUSPENDED	UG/L	General Organic
124481	34306		100[t]			CHLORODIBROMOMETHANE, TOTAL	UG/L	General Organic
124481	34307		100[t]			CHLORODIBROMOMETHANE, DISSOLVED	UG/L	General Organic
124481	34308		100[t]			CHLORODIBROMOMETHANE, SUSPENDED	UG/L	General Organic
67663	34316	28900[*]	100[t]			CHLOROFORM, DISSOLVED	UG/L	General Organic
67663	34317	28900[*]	100[t]			CHLOROFORM, SUSPENDED	UG/L	General Organic
57125	34325	0.022	0.2	0.001		CYANIDE, SUSPENDED	MG/L	General Inorganic
75274	34328		100[t]			DICHLOROBROMOMETHANE, DISSOLVED	UG/L	General Organic
75274	34329		100[t]			DICHLOROBROMOMETHANE, SUSPENDED	UG/L	General Organic
122667	34346	270[*]				1,2-DIPHENYLHYDRAZINE, TOTAL	UG/L	General Organic
122667	34347	270[*]				1,2-DIPHENYLHYDRAZINE, DISSOLVED	UG/L	General Organic
122667	34348	270[*]				1,2-DIPHENYLHYDRAZINE, SUSPENDED	UG/L	General Organic
33213659	34356	0.22		0.034		ENDOSULFAN, BETA, TOTAL	UG/L	Pesticide
33213659	34357	0.22		0.034		ENDOSULFAN, BETA, DISSOLVED	UG/L	Pesticide
33213659	34358	0.22		0.034		ENDOSULFAN, BETA, SUSPENDED	UG/L	Pesticide
959988	34361	0.22		0.034		ENDOSULFAN, ALPHA, TOTAL	UG/L	Pesticide
959988	34362	0.22		0.034		ENDOSULFAN, ALPHA, DISSOLVED	UG/L	Pesticide
959988	34363	0.22		0.034		ENDOSULFAN, ALPHA, SUSPENDED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
100414	34371	32000*	700	430*		ETHYLBENZENE, TOTAL	UG/L	General Organic
100414	34372	32000*	700	430*		ETHYLBENZENE, DISSOLVED	UG/L	General Organic
100414	34373	32000*	700	430*		ETHYLBENZENE, SUSPENDED	UG/L	General Organic
206440	34376	3980*		40*		FLUORANTHENE, TOTAL	UG/L	General Organic
206440	34377	3980*		40*		FLUORANTHENE, DISSOLVED	UG/L	General Organic
206440	34378	3980*		40*		FLUORANTHENE, SUSPENDED	UG/L	General Organic
77474	34386	7.0*	50	7.0*		HEXACHLOROCYCLOPENTADIENE, TOTAL	UG/L	General Organic
77474	34387	7.0*	50	7.0*		HEXACHLOROCYCLOPENTADIENE, DISSOLVED	UG/L	General Organic
77474	34388	7.0*	50	7.0*		HEXACHLOROCYCLOPENTADIENE, SUSPENDED	UG/L	General Organic
87683	34391	90*		32*		HEXACHLOROBUTADIENE, TOTAL	UG/L	General Organic
87683	34392	90*		32*		HEXACHLOROBUTADIENE, DISSOLVED	UG/L	General Organic
87683	34393	90*		32*		HEXACHLOROBUTADIENE, SUSPENDED	UG/L	General Organic
67721	34396	980*		940*		HEXACHLOROETHANE, TOTAL	UG/L	General Organic
67721	34397	980*		940*		HEXACHLOROETHANE, DISSOLVED	UG/L	General Organic
67721	34398	980*		940*		HEXACHLOROETHANE, SUSPENDED	UG/L	General Organic
118741	34401	6.0[p]	1.0			HEXACHLOROBENZENE, DISSOLVED	UG/L	General Organic
118741	34402	6.0[p]	1.0			HEXACHLOROBENZENE, SUSPENDED	UG/L	General Organic
193395	34403		0.40[c]			INDENO (1,2,3-CD) PYRENE, TOTAL	UG/L	General Organic
193395	34404		0.40[c]			INDENO (1,2,3-CD) PYRENE, DISSOLVED	UG/L	General Organic
193395	34405		0.40[c]			INDENO (1,2,3-CD) PYRENE, SUSPENDED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
78591	34408	117000*		12900*		ISOPHORONE, TOTAL	UG/L	Pesticide
78591	34409	117000*		12900*		ISOPHORONE, DISSOLVED	UG/L	Pesticide
78591	34410	117000*		12900*		ISOPHORONE, SUSPENDED	UG/L	Pesticide
75092	34423		5.0			METHYLENE CHLORIDE, TOTAL	UG/L	General Organic
75092	34424		5.0			METHYLENE CHLORIDE, DISSOLVED	UG/L	General Organic
75092	34425		5.0			METHYLENE CHLORIDE, SUSPENDED	UG/L	General Organic
91203	34443	2300*		2350*		NAPHTHALENE, DISSOLVED	UG/L	General Organic
91203	34444	2300*		2350*		NAPHTHALENE, SUSPENDED	UG/L	General Organic
98953	34447	27000*		6680*		NITROBENZENE, TOTAL	UG/L	General Organic
98953	34448	27000*		6680*		NITROBENZENE, DISSOLVED	UG/L	General Organic
98953	34449	27000*		6680*		NITROBENZENE, SUSPENDED	UG/L	General Organic
59507	34452	30*				PARACHLOROMETA CRESOL, TOTAL	UG/L	General Organic
59507	34453	30*				PARACHLOROMETA CRESOL, DISSOLVED	UG/L	General Organic
59507	34454	30*				PARACHLOROMETA CRESOL, SUSPENDED	UG/L	General Organic
87865	34459	20***	1.0	13		PCP (PENTACHLOROPHENOL), DISSOLVED	UG/L	Pesticide
87865	34460	20***	1.0	13		PCP (PENTACHLOROPHENOL), SUSPENDED	UG/L	Pesticide
85018	34461	30p		7.7p		PHENANTHRENE, TOTAL	UG/L	General Organic
85018	34462	30p		7.7p		PHENANTHRENE, DISSOLVED	UG/L	General Organic
85018	34463	30p		7.7p		PHENANTHRENE, SUSPENDED	UG/L	General Organic
108952	34466	10200*		5800*		PHENOL, DISSOLVED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
108952	34467	10200*		5800*		PHENOL, SUSPENDED	UG/L	General Organic
127184	34475	5280*	5.0	10200*		TETRACHLOROETHYLENE, TOTAL	UG/L	General Organic
127184	34476	5280*	5.0	10200*		TETRACHLOROETHYLENE, DISSOLVED	UG/L	General Organic
127184	34477	5280*	5.0	10200*		TETRACHLOROETHYLENE, SUSPENDED	UG/L	General Organic
108883	34481	17500*	1000	6300*		TOLUENE, DISSOLVED	UG/L	General Organic
108883	34482	17500*	1000	6300*		TOLUENE, SUSPENDED	UG/L	General Organic
79016	34485	45000*	5.0	2000*		TRICHLOROETHYLENE, DISSOLVED	UG/L	General Organic
79016	34486	45000*	5.0	2000*		TRICHLOROETHYLENE, SUSPENDED	UG/L	General Organic
75014	34493		2.0			VINYL CHLORIDE, DISSOLVED	UG/L	General Organic
75014	34494		2.0			VINYL CHLORIDE, SUSPENDED	UG/L	General Organic
75354	34501		7.0			1,1-DICHLOROETHYLENE, TOTAL	UG/L	General Organic
75354	34502		7.0			1,1-DICHLOROETHYLENE, DISSOLVED	UG/L	General Organic
75354	34503		7.0			1,1-DICHLOROETHYLENE, SUSPENDED	UG/L	General Organic
71556	34506		200	31200*		1,1,1-TRICHLOROETHANE, TOTAL	UG/L	General Organic
71556	34507		200	31200*		1,1,1-TRICHLOROETHANE, DISSOLVED	UG/L	General Organic
71556	34508		200	31200*		1,1,1-TRICHLOROETHANE, SUSPENDED	UG/L	General Organic
79005	34511		5.0			1,1,2-TRICHLOROETHANE, TOTAL	UG/L	General Organic
79005	34512		5.0			1,1,2-TRICHLOROETHANE, DISSOLVED	UG/L	General Organic
79005	34513		5.0			1,1,2-TRICHLOROETHANE, SUSPENDED	UG/L	General Organic
79345	34516			9020*		1,1,2,2-TETRACHLOROETHANE, TOTAL	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
79345	34517			9020*		1,1,2,2-TETRACHLOROETHANE, DISSOLVED	UG/L	General Organic
79345	34518			9020*		1,1,2,2-TETRACHLOROETHANE, SUSPENDED	UG/L	General Organic
107062	34531	118000*	5.0	113000*		1,2-DICHLOROETHANE, TOTAL	UG/L	General Organic
107062	34532	118000*	5.0	113000*		1,2-DICHLOROETHANE, DISSOLVED	UG/L	General Organic
107062	34533	118000*	5.0	113000*		1,2-DICHLOROETHANE, SUSPENDED	UG/L	General Organic
95501	34536		600			1,2-DICHLOROBENZENE, TOTAL	UG/L	General Organic
95501	34537		600			1,2-DICHLOROBENZENE, DISSOLVED	UG/L	General Organic
95501	34538		600			1,2-DICHLOROBENZENE, SUSPENDED	UG/L	General Organic
78875	34541		5.0			1,2-DICHLOROPROPANE, TOTAL	UG/L	General Organic
78875	34542		5.0			1,2-DICHLOROPROPANE, DISSOLVED	UG/L	General Organic
78875	34543		5.0			1,2-DICHLOROPROPANE, SUSPENDED	UG/L	General Organic
156605	34546		100			TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER	UG/L	General Organic
156605	34547		100			TRANS-1,2-DICHLOROETHENE, DISSOLVED	UG/L	General Organic
156605	34548		100			TRANS-1,2-DICHLOROETHENE, SUSPENDED	UG/L	General Organic
120821	34551		70			1,2,4-TRICHLOROBENZENE, TOTAL	UG/L	General Organic
120821	34552		70			1,2,4-TRICHLOROBENZENE, DISSOLVED	UG/L	General Organic
120821	34553		70			1,2,4-TRICHLOROBENZENE, SUSPENDED	UG/L	General Organic
541731	34566		600			1,3-DICHLOROBENZENE, TOTAL	UG/L	General Organic
541731	34567		600			1,3-DICHLOROBENZENE, DISSOLVED	UG/L	General Organic
541731	34568		600			1,3-DICHLOROBENZENE, SUSPENDED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
106467	34571		75			1,4-DICHLOROBENZENE, TOTAL	UG/L	General Organic
106467	34572		75			1,4-DICHLOROBENZENE, DISSOLVED	UG/L	General Organic
106467	34573		75			1,4-DICHLOROBENZENE, SUSPENDED	UG/L	General Organic
95578	34586	4380*				2-CHLOROPHENOL, TOTAL	UG/L	General Organic
95578	34587	4380*				2-CHLOROPHENOL, DISSOLVED	UG/L	General Organic
95578	34588	4380*				2-CHLOROPHENOL, SUSPENDED	UG/L	General Organic
120832	34601	2020*				2,4-DICHLOROPHENOL, TOTAL	UG/L	General Organic
120832	34602	2020*				2,4-DICHLOROPHENOL, DISSOLVED	UG/L	General Organic
120832	34603	2020*				2,4-DICHLOROPHENOL, SUSPENDED	UG/L	General Organic
105679	34606	2120*				2,4-DIMETHYLPHENOL, TOTAL	UG/L	General Organic
105679	34607	2120*				2,4-DIMETHYLPHENOL, DISSOLVED	UG/L	General Organic
105679	34608	2120*				2,4-DIMETHYLPHENOL, SUSPENDED	UG/L	General Organic
121142	34611	330*		590*		2,4-DINITROTOLUENE, TOTAL	UG/L	General Organic
121142	34612	330*		590*		2,4-DINITROTOLUENE, DISSOLVED	UG/L	General Organic
121142	34613	330*		590*		2,4-DINITROTOLUENE, SUSPENDED	UG/L	General Organic
72548	34651	0.6*		3.6*		P,P'-DDD, DISSOLVED	UG/L	Pesticide
72548	34652	0.6*		3.6*		P,P'-DDD, SUSPENDED	UG/L	Pesticide
72559	34653	1050*		14*		P,P'-DDE, DISSOLVED	UG/L	Pesticide
72559	34654	1050*		14*		P,P'-DDE, SUSPENDED	UG/L	Pesticide
50293	34655	1.1		0.13		P,P'-DDT, DISSOLVED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
50293	34656	1.1		0.13		P,P'-DDT, SUSPENDED	UG/L	Pesticide
1746016	34675	0.01*	0.00003			2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN(TCDD), TOT	UG/L	General Organic
1746016	34676	0.01*	0.00003			2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN(TCDD), DISS	UG/L	General Organic
1746016	34677	0.01*	0.00003			2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN(TCDD), SUSP	UG/L	General Organic
108952	34694	10200*		5800*		PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	UG/L	General Organic
91203	34696	2300*		2350*		NAPHTHALENE, TOTAL	UG/L	General Organic
75990	38432		200			DALAPON, WATER, TOTAL	UG/L	Pesticide
75990	38433		200			DALAPON, WATER, DISSOLVED	UG/L	Pesticide
75990	38434		200			DALAPON, WATER, SUSPENDED	UG/L	Pesticide
96128	38437		0.2			DIBROMOCHLOROPROPANE, WATER, TOTAL	UG/L	Pesticide
96128	38438		0.2			DIBROMOCHLOROPROPANE, WATER, DISSOLVED	UG/L	Pesticide
96128	38439		0.2			DIBROMOCHLOROPROPANE WATER, SUSPENDED	UG/L	Pesticide
96128	38760		0.2			DBCP, WATER, TOTAL	UG/L	Pesticide
96128	38761		0.2			DBCP, WATER, DISSOLVED	UG/L	Pesticide
96128	38762		0.2			DBCP, WATER, SUSPENDED	UG/L	Pesticide
88857	38779		7.0			DINOSEB, DISSOLVED	UG/L	Pesticide
88857	38780		7.0			DINOSEB, SUSPENDED	UG/L	Pesticide
23135220	38865		200			OXAMYL, TOTAL	UG/L	Pesticide
23135220	38866		200			OXAMYL, DISSOLVED	UG/L	Pesticide
23135220	38867		200			OXAMYL, SUSPENDED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
145733	38926		100			ENDOTHALL, WHOLE WATER SAMPLE	UG/L	Pesticide
2921882	38932	0.083		0.011		CHLORPYRIFOS, TOTAL RECOVERABLE	UG/L	Pesticide
2921882	38933	0.083		0.011		CHLORPYRIFOS, DISSOLVED	UG/L	Pesticide
2163806	38935		50			MONOSODIUM METHANEARSONATE (MSMA)	UG/L	Pesticide
2921882	39012	0.083		0.011		DURSBAN, FLAME PHOTOMETRIC, WATER SAMPLE	UG/L	Pesticide
56382	39015	0.065				ETHYLPARATHION, FLAME IONIFATION, WATER SAMPLE	UG/L	Pesticide
122349	39025		4.0			SIMAZINE, COULSON CONDUCTIVITY WATER SAMPLE	UG/L	Pesticide
87865	39032	20***	1.0	13		PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE	UG/L	Pesticide
1912249	39033		3.0			ATRAZINE IN WHOLE WATER SAMPLE	UG/L	Pesticide
118741	39039	6.0[p]	1.0			HEXACHLOROBENZENE WATER SAMPLE, ELECTRON CPT	UG/L	Pesticide
93721	39045		50			2,4,5-TP INCLUDES ACIDS & SALTS WATER SAMPLE	UG/L	Pesticide
116063	39053		3.0			ALDICARB IN WHOLE WATER	UG/L	Pesticide
122349	39055		4.0			SIMAZINE IN WHOLE WATER	UG/L	Pesticide
117817	39100	2000*	6.0			BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	UG/L	General Organic
117817	39103	2000*	6.0			BIS(2-ETHYLHEXYL) PHTHALATE, DISSOLVED	UG/L	General Organic
117817	39104	2000*	6.0			BIS(2-ETHYLHEXYL) PHTHALATE, SUSPENDED	UG/L	General Organic
	39117	0.94*		2.994*		PHTHLATE ESTERS IN WATER	MG/L	General Organic
75014	39175		2.0			VINYL CHLORIDE-WHOLE WATER SAMPLE	UG/L	General Organic
79016	39180	45000*	5.0	2000*		TRICHLOROETHYLENE-WHOLE WATER SAMPLE	UG/L	General Organic
50293	39300	1.1		0.13		P,P' DDT IN WHOLE WATER SAMPLE	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
72548	39310	0.6*		3.6*		P,P' DDD IN WHOLE WATER SAMPLE	UG/L	Pesticide
72559	39320	1050*		14*		P,P' DDE IN WHOLE WATER SAMPLE	UG/L	Pesticide
309002	39330	3.0		1.3		ALDRIN IN WHOLE WATER SAMPLE	UG/L	Pesticide
309002	39331	3.0		1.3		ALDRIN IN FILT. FRAC. OF WAT. SAMP.	UG/L	Pesticide
309002	39332	3.0		1.3		ALDRIN IN SUSP. FRAC. OF WAT. SAMP.	UG/L	Pesticide
58899	39340	2.0	0.2	0.16		GAMMA-BHC(LINDANE), WHOLE WATER	UG/L	Pesticide
58899	39341	2.0	0.2	0.16		GAMMA-BHC(LINDANE), DISSOLVED	UG/L	Pesticide
58899	39342	2.0	0.2	0.16		GAMMA-BHC(LINDANE), SUSPENDED	UG/L	Pesticide
57749	39350	2.4	2.0	0.09		CHLORDANE(TECH MIX & METABS), WHOLE WATER	UG/L	Pesticide
57749	39352	2.4	2.0	0.09		CHLORDANE(TECH MIX & METABS), DISSOLVED	UG/L	Pesticide
57749	39353	2.4	2.0	0.09		CHLORDANE(TECH MIX & METABS), SUSPENDED	UG/L	Pesticide
72548	39360	0.6*		3.6*		DDD IN WHOLE WATER SAMPLE	UG/L	Pesticide
72548	39361	0.6*		3.6*		DDD IN FILT. FRAC. OF WATER SMAPLE	UG/L	Pesticide
72548	39362	0.6*		3.6*		DDD IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
72559	39365	1050*		14*		DDE IN WHOLE WATER SAMPLE	UG/L	Pesticide
72559	39366	1050*		14*		DDE IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
72559	39367	1050*		14*		DDE IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
50293	39370	1.1		0.13		DDT IN WHOLE WATER SAMPLE	UG/L	Pesticide
50293	39371	1.1		0.13		DDT IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
50293	39372	1.1		0.13		DDT IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
60571	39380	2.5		0.71		DIELDRIN IN WHOLE WATER SAMPLE	UG/L	Pesticide
60571	39381	2.5		0.71		DIELDRIN IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
60571	39382	2.5		0.71		DIELDRIN IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
115297	39388	0.22		0.034		ENDOSULFAN IN WHOLE WATER SAMPLE	UG/L	Pesticide
72208	39390	0.18	2.0	0.037		ENDRIN IN WHOLE WATER SAMPLE	UG/L	Pesticide
72208	39391	0.18	2.0	0.037		ENDRIN IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
72208	39392	0.18	2.0	0.037		ENDRIN IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
8001352	39400	0.73	3.0	0.21		TOXAPHENE IN WHOLE WATER SAMPLE	UG/L	Pesticide
8001352	39401	0.73	3.0	0.21		TOXAPHENE IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
8001352	39402	0.73	3.0	0.21		TOXAPHENE IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
76448	39410	0.52	0.4	0.053		HEPTACHLOR IN WHOLE WATER SAMPLE	UG/L	Pesticide
76448	39411	0.52	0.4	0.053		HEPTACHLOR IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
76448	39412	0.52	0.4	0.053		HEPTACHLOR IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
1024573	39420	0.52	0.2	0.053		HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	UG/L	Pesticide
1024573	39421	0.52	0.2	0.053		HEPTACHLOR EPOXIDE IN FILT. FRAC. WATER SAMPLE	UG/L	Pesticide
1024573	39422	0.52	0.2	0.053		HEPTACHLOR EPOXIDE IN SUSP. FRAC. WATER SAMPLE	UG/L	Pesticide
72435	39478		40			METHOXYCHLOR IN WHOLE WATER DISSOLVED	UG/L	Pesticide
72435	39479		40			METHOXYCHLOR IN WHOLE WATER SUSPENDED	UG/L	Pesticide
72435	39480		40			METHOXYCHLOR IN WHOLE WATER SAMPLE	UG/L	Pesticide
56382	39540	0.065				PARATHION IN WHOLE WATER SAMPLE	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
56382	39542	0.065				PARATHION IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
56382	39543	0.065				PARATHION IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
1912249	39630		3.0			ATRAZINE(AATREX) IN WHOLE WATER SAMPLE	UG/L	Pesticide
1912249	39632		3.0			ATRAZINE DISSOLVED IN WATER	PPB	Pesticide
118741	39700	6.0[p]	1.0			HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	UG/L	General Organic
87683	39702	90[*]		32[*]		HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE	UG/L	General Organic
1918021	39720		500			PICLORAM IN WHOLE WATER SAMPLE	UG/L	Pesticide
94757	39730		70			2,4-D IN WHOLE WATER SAMPLE	UG/L	Pesticide
94757	39732		70			2,4-D IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
94757	39733		70			2,4-D IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
93721	39760		50			SILVEX IN WHOLE WATER SAMPLE	UG/L	Pesticide
93721	39762		50			SILVEX IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
93721	39763		50			SILVEX IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
58899	39782	2.0	0.2	0.16		LINDANE IN WHOLE WATER SAMPLE	UG/L	Pesticide
1071836	39941		700			ROUNDUP IN WHOLE WATER SAMPLE (GLYPHOSATE)	UG/L	Pesticide
7782505	45650	0.019		0.013		CHLORINE, IN ORGANIC COMPOUNDS, WATER, WHOLE	MG/L	General Inorganic
56382	46315	0.065				ETHYL PARATHION IN WHOLE WATER SAMPLE	UG/L	Pesticide
58899	46322	2.0	0.2	0.16		LINDANE PLUS ISOMERS IN WHOLE WATER SAMPLE	UG/L	Pesticide
76448	46326	0.52	0.4	0.053		HEPTACHLOR AND METABOLITES IN WHOLE H2O SAMPLE	UG/L	Pesticide
15972608	46342		2.0			ALACHLOR (LASSO), WATER, DISSOLVED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7782505	46472	0.019		0.013		CHLORINE, TOTAL RESIDUAL, AVERAGE VALUE, WATER	MG/L	General Inorganic
7782505	46473	0.019		0.013		CHLORINE, FREE AVAILABLE, AVERAGE VALUE, WATER	MG/L	General Inorganic
57125	46479	22	200	1.0		CYANIDE, DISSOLVED, WATER	UG/L	General Inorganic
7440382	46551	360	50	69		ARSENIC, FIELD ACIDIFIED W/HNO3, LAB FILTERED	UG/L	Metal
7440393	46558		2000			BARIUM, FIELD ACIDIFIED W/HNO3-LAB FILT	UG/L	Metal
7440439	46559	3.9[+]	5.0	43		CADMIUM,FIELD ACIDIFIED-HNO3-LAB FILTER	UG/L	Metal
7440473	46560		100			CHROMIUM, FIELD ACIDIFIED-HNO3-LAB FILT.	UG/L	Metal
7440508	46562	18[+]	1300[a]	2.9		COPPER, FIELD ACIDIFIED-HNO3- LAB FILTER.	UG/L	Metal
7439921	46564	82[+]	15[a]	220		LEAD, FIELD ACIDIFIED-HNO3-LAB FILTERED	UG/L	Metal
7440224	46566	4.1[+]	100[s]	0.12		SILVER, FIELD ACIDIFIED-HNO3-LAB FILTER.	UG/L	Metal
7440666	46567	120[+]	5000[s]	95		ZINC, EXTRACTABLE, FIELD ACID W/HNO3,LAB FILTR	UG/L	Metal
56382	49011	0.065				UNKNOWNS AS PARATHION IN WHOLE WATER SAMPLE	UG/L	Pesticide
7782505	50058	0.019		0.013		CHLORINE DOSE	MG/L	General Inorganic
7782505	50060	0.019		0.013		CHLORINE, TOTAL RESIDUAL	MG/L	General Inorganic
7782505	50064	0.019		0.013		CHLORINE, FREE AVAILABLE	MG/L	General Inorganic
7782505	50066	0.019		0.013		CHLORINE, COMBINED AVAILABLE	MG/L	General Inorganic
7782505	50074	0.019		0.013		CHLORITE, WHOLE WATER	MG/L	General Inorganic
	61215				200[^]	FECAL COLIFORM, GENERAL #/100ML	#/100ML	Bacteriological
16887006	70352	860	250[s]			CHLORIDE, ORGANIC	MG/L	General Organic
14797558	71850		44			NITRATE NITROGEN, TOTAL (AS NO3)	MG/L	Nitrogen

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
14797558	71851		44			NITRATE NITROGEN, DISSOLVED (AS NO3)	MG/L	Nitrogen
14797650	71855		3.3			NITRITE NITROGEN, TOTAL (AS NO2)	MG/L	Nitrogen
14797650	71856		3.3			NITRITE NITROGEN, DISSOLVED (AS NO2)	MG/L	Nitrogen
7439976	71890	2.4	2.0	2.1		MERCURY, DISSOLVED	UG/L	Metal
7439976	71895	2.4	2.0	2.1		MERCURY, SUSPENDED	UG/L	Metal
7439976	71900	2.4	2.0	2.1		MERCURY, TOTAL	UG/L	Metal
7439976	71901	2.4	2.0	2.1		MERCURY,TOTAL RECOVERABLE IN WATER AS HG	UG/L	Metal
7440439	71946	3.9[+]	5.0	43		CADMIUM, EXTRACTABLE	UG/L	Metal
7440473	71947		100			CHROMIUM, EXTRACTABLE	UG/L	Metal
7439921	71949	82[+]	15[a]	220		LEAD, EXTRACTABLE	UG/L	Metal
7440666	71950	120[+]	5000[s]	95		ZINC, EXTRACTABLE	UG/L	Metal
7440508	71951	18[+]	1300[a]	2.9		COPPER, EXTRACTABLE	UG/L	Metal
1336363	76011	2000	500	10000		PCBS, SUSPENDED, WATER	NG/L	General Organic
1336363	76012	2000	500	10000		PCBS, TOTAL RECOVERABLE, WATER	NG/L	General Organic
156592	77093		70			CIS-1,2-DICHLOROETHYLENE, WHOLE WATER	UG/L	General Organic
100425	77128		100			STYRENE, WHOLE WATER	UG/L	General Organic
106489	77296			29700[*]		P-CHLOROPHENOL, WHOLE WATER	UG/L	General Organic
106934	77651		0.05			1,2-DIBROMOETHANE, WHOLE WATER	UG/L	General Organic
95954	77687	100[p]		240[p]		2,4,5-TRICHLOROPHENOL, WHOLE WATER	UG/L	General Organic
935955	77769			440[*]		2,3,5,6-TETRACHLOROPHENOL, WHOLE WATER	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
103231	77903		400			BIS (2-ETHYLHEXYL) ADIPATE, WHOLE WATER	UG/L	General Organic
18540299	78247	16	100	1100		CHROMIUM, HEXAVALENT, TOTAL RECOVERABLE	UG/L	Metal
57125	78248	22	200	1.0		CYANIDE, TOTAL RECOVERABLE, WATER, WHOLE	UG/L	Metal
	78456	11*		12*		HALOMETHANES, SUMMATION, WHOLE WATER	MG/L	General Organic
14808798	78462		250s			SULFATE, WATER, DISSOLVED AS S	MG/L	Metal
85007	78885		20			DIQUAT DIBROMIDE (REGLONE) WHOLE WATER SAMPLE	UG/L	Pesticide
7440611	80020		20c			URANIUM, DISS. BY EXTRACTION FLUOROMETRIC	UG/L	Radiological
16065831	80357	1700	100	10300*		CHROMIUM, TRIVALENT, DISSOLVED	UG/L	Metal
57125	81208	0.022	0.2	0.001		CYANIDE,FREE (NOT AMENABLE TO CHLORINATION)	MG/L	General Inorganic
608731	81283	100*		0.34*		BENZENEHEXACHLORIDE, WHOLE WATER	UG/L	Pesticide
88857	81287		7.0			DNBP(C10H12N2O5), WHOLE WATER SAMPLE	UG/L	Pesticide
26638197	81327	23000*	5.0	10300*		DICHLOROPROPANE, WHOLE WATER SAMPLE	UG/L	General Organic
25321226	81333	1120*		1970*		DICHLOROBENZENE ISOMER, WHOLE WATER SAMPLE	UG/L	General Organic
2921882	81403	0.083		0.011		DURSBAN (CHLOROPYRIFOS) WHOLE WATER SAMPLE	UG/L	Pesticide
1563662	81405		40			CARBOFURAN (EURADAN) WHOLE WATER SAMPLE	UG/L	Pesticide
76017	81501	7240*		390*		PENTACHLOROETHANE, WHOLE WATER SAMPLE	UG/L	General Organic
25321226	81524	1120*		1970*		DICHLOROBENZENE, WHOLE WATER SAMPLE	UG/L	General Organic
25322207	81549	9320*				TETRACHLOROETHANE, WHOLE WATER SAMPLE	UG/L	General Organic
26638197	81703	23*	0.005*	10.3*		DICHLOROPROPANE, WHOLE WATER SAMPLE	MG/L	General Organic
7440508	81750	18+	1300a	2.9		COPPER, INTERSTITIAL WATERFROM SEDIMENTS	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440020	81752	1400[+]	100	75		NICKEL, INTERSTITIAL WATER FROM SEDIMENTS	UG/L	Metal
7440666	81754	120[+]	5000[s]	95		ZINC, INTERSTITIAL WATER FROM SEDIMENTS	UG/L	Metal
25323891	81853	18000[*]				TRICHLOROETHANE, WHOLE WATER SAMPLE	UG/L	General Organic
7439976	81931	2.4	2.0	2.1		MERCURY (HG) SUSPENDED FRACTION OF WATER	UG/G	Metal
7440666	81933	120[+]	5000[s]	95		ZINC (ZN) SUSPENDED FRACTION OF WATER	UG/G	Metal
7439921	81936	82[+]	15[a]	220		LEAD (PB) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440439	81937	3.9[+]	5.0	43		CADMIUM (CD) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440473	81938		100			CHROMIUM (CR) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440508	81939	18[+]	1300[a]	2.9		COPPER (CU) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440666	81940	120[+]	5000[s]	95		ZINC (ZN) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440473	81941		100			CHROMIUM (CR) DISSOLVED ANIONIC SPECIES	UG/L	Metal
7440508	81942	18[+]	1300[a]	2.9		COPPER (CU) DISSOLVED ANIONIC SPECIES	UG/L	Metal
7440666	81943	120[+]	5000[s]	95		ZINC (ZN) DISSOLVED ANIONIC SPECIES	UG/L	Metal
	82078				50[l]	TURBIDITY, FIELD	NTU	Physical
	82079				50[l]	TURBIDITY, LAB	NTU	Physical
88857	82226		7.0			2 SECONDARY BUTYL 4,6-DINITROPHENOL	UG/L	Pesticide
16887006	82295	860000	250000[s]			CHLORIDE DISSOLVED AS CL IN WATER	UG/L	General Inorganic
72435	82350		40			METHOXYCHLOR, DISSOLVED IN WATER	UG/L	Pesticide
72435	82351		40			METHOXYCHLOR, SUSPENDED IN WATER	UG/L	Pesticide
115297	82354	0.22		0.034		ENDOSULFAN, DISSOLVED IN WATER	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
115297	82355	0.22		0.034		ENDOSULFAN, SUSPENDED IN WATER	UG/L	Pesticide
57125	82573	0.022	0.2	0.001		CYANIDE/CHLORINATION IN WATER	MG/L	General Inorganic
1646873	82586		4.0			ALDICARB SULFOXIDE, WATER, TOTAL RECOVERABLE	UG/L	General Organic
1646884	82587		2.0			ALDICARB SULFONE, WHOLE WATER, TOTAL RECOVERABLE	UG/L	General Organic
23135220	82613		200			OXAMYL, WHOLE WATER, TOTAL RECOVERABLE	UG/L	Pesticide
1563662	82615		40			CARBOFURAN, WHOLE WATER, TOTAL RECOVERABLE	UG/L	Pesticide
116063	82619		3.0			ALDICARB, WHOLE WATER, TOTAL RECOVERABLE	UG/L	Pesticide
33213659	82624	0.22		0.034		ENDOSULFAN, BETA, WH WATER, TOTAL RECOVERABLE	UG/L	Pesticide
96128	82625		0.2			DIBROMOCHLOROPROPANE, WATER, TOTAL RECOVERABLE	UG/L	Pesticide

Footnote Key:

[*]Insufficient Data to Develop Criteria. Value Presented is the L.O.E.L. - Lowest Observed Effect Level.

[+]Hardness Dependent Criteria (100 mg/L $CaCO_3$ Used).

[***]pH Dependent Criteria (7.8 pH Used).

[=]Rule of thumb criterion used by the NPS Air Quality Division for determining sensitivity to acid deposition.

[^]Freshwater bathing criterion, EPA geometric mean based on at least 5 samples equally spaced over a 30-day period; Enterococci marine water bathing criterion 35 CFU/100 ml.

[#]EPA freshwater aquatic life chronic criterion; marine criterion is ≤6.5, ≥8.5.

[!]Arizona state standard.

[a]EPA action level, 40 CFR 141.80.

[b]California and Florida state bathing water standards.

[c]A Compilation of Water Quality Goals, California Regional Water Quality Control Board Central Valley Region, Sacramento, California, September, 1991.

[n]Total coliform drinking water maximum contaminant level (1 cfu/100ml or 1 mpn/100ml) was not used in water quality criteria comparisons.

[p]Proposed Criterion.

[r]Average annual concentration assumed to produce a total body or organ dose of 4 mrem/year, 40 CFR 141.16.

[s]EPA National Secondary Drinking Water Regulation, 40 CFR 143.

[t]The maximum contaminant level for the sum of the concentrations of trihalomethanes is 100 µg/L, 40 CFR 141.12.

[u]Coldwater criterion one day minimum; warmwater criterion seven day mean minimum.

Appendix G

Inventory Data Evaluation and Analysis (IDEA)
Servicewide Inventory and Monitoring Program "Level I"
Parameter Groups

The following table provides the Servicewide Inventory and Monitoring Program's "Level I" water quality inventory parameter groups (National Park Service 1993). In order to determine the presence and/or absence of data for each of these parameter groups in the park, the parameter groups had to be defined by STORET parameter codes. This table provides the STORET codes and parameter descriptions for each parameter comprising one of the Servicewide Inventory and Monitoring Program's "Level I" water quality parameter groups. Additional parameters could have been incorporated into each group, but an effort was made to represent each group with the parameters deemed to most likely occur in STORET and parks. The Toxic Elements Parameter Group was defined as the EPA's Clean Water Act Section 304(a) Priority Toxic Pollutants (40 CFR 131.36). Parameters are listed in ascending order of STORET code within each parameter group. It is important to note that similar parameters often have non-consecutive codes. Consequently, scanning the entire list is necessary to find all the parameters of a particular type (eg. lead, copper, etc.). Refer to the Parameter Period of Record Tabulation to obtain the STORET code for any parameter measured in the park.

STORET Code	Water Temperature Parameter Group	C.A.S. Number
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	-
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	-
STORET Code	**Flow Parameter Group[1]**	**C.A.S. Number**
00056	FLOW RATE, GALLONS/DAY	-
00058	FLOW RATE, GALLONS/MIN.	-
00059	FLOW RATE, INSTANTANEOUS, GALLONS/MINUTE	-
00060	FLOW, STREAM, MEAN DAILY CFS	-
00061	FLOW, STREAM, INSTANTANEOUS CFS	-
00065	STAGE, STREAM (FEET)	-
00067	TIDE STAGE CODE	-
00072	STAGE, STREAM (METERS)	-

[1]Tide stage is included in the Flow Parameter Group for coastal parks.

STORET Code	Clarity/Turbidity Parameter Group	C.A.S. Number
00070	TURBIDITY, (JACKSON CANDLE UNITS)	-
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	-
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	-
00077	TRANSPARENCY, SECCHI DISC (INCHES)	-
00078	TRANSPARENCY, SECCHI DISC (METERS)	-
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	-
82078	TURBIDITY, FIELD NEPHELOMETRIC TURBIDITY UNITS NTU	-
82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	-
STORET Code	**Conductivity Parameter Group**	**C.A.S. Number**
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	-
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	-
00096	SALINITY AT 25 DEGREES C (MG/ML)	-
00480	SALINITY - PARTS PER THOUSAND	-
STORET Code	**Dissolved Oxygen Parameter Group**	**C.A.S. Number**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE (MG/L)	7782447
00300	OXYGEN, DISSOLVED (MG/L)	7782447
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION	7782447
00389	OXYGEN, DISSOLVED, LAB ANAL. BY PROBE OF FIELD SAMPLE (MG/L)	7782447
STORET Code	**pH Parameter Group**	**C.A.S. Number**
00400	PH (STANDARD UNITS)	-
00403	PH, LAB (STANDARD UNITS)	-
00406	PH, FIELD (STANDARD UNITS)	-

STORET Code	Alkalinity Parameter Group	C.A.S. Number
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYSIS (µEQ/L)	471341
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	471341
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	77098
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	471341
00435	ACIDITY, TOTAL (MG/L AS CACO3)	471341
00440	BICARBONATE ION (MG/L AS HCO3)	71523
00445	CARBONATE ION (MG/L AS CO3)	3812326

STORET Code	Nitrate/Nitrogen Parameter Group	C.A.S. Number
00600	NITROGEN, TOTAL (MG/L AS N)	17778880
00602	NITROGEN, DISSOLVED (MG/L AS N)	17778880
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	17778880
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	17778880
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	17778880
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	17778880
00612	AMMONIA, UNIONZED (MG/L AS N)	7664417
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	17778880
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	17778880
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	17778880
00625	NITROGEN, KJELDAHL, TOTAL (MG/L AS N)	17778880
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	17778880
00631	NITRITE PLUS NITRATE, DISSOLVED 1 DET. (MG/L AS N)	17778880
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	14798039
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	14798039
71850	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	14797558
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	14797558
71855	NITRITE NITROGEN, TOTAL (MG/L AS NO2)	14797650
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	14797650

STORET Code	Phosphate/Phosphorus Parameter Group	C.A.S. Number
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	14265442
00655	PHOSPHATE, POLY (MG/L AS PO4)	14265442
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	14265442
00665	PHOSPHORUS, TOTAL (MG/L AS P)	7723140
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	7723140
00670	PHOSPHORUS, TOTAL ORGANIC (MG/L AS P)	7723140
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	7723140
70505	PHOSPHORUS, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	7723140
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	7723140

STORET Code	Sulfates/Total Dissolved Solids/Hardness Parameter Group	C.A.S. Number
00900	HARDNESS, TOTAL (MG/L AS CACO3)	471341
00945	SULFATE, TOTAL (MG/L AS SO4)	14808798
00946	SULFATE, DISSOLVED (MG/L AS SO4)	14808798
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), (MG/L)	-

STORET Code	Chlorophyll Parameter Group	C.A.S. Number
32209	CHLOROPHYLL A (UG/L) FLUOROMETRIC CORRECTED	479618
32210	CHLOROPHYLL A (UG/L) TRICHROMATIC UNCORRECTED	479618
32211	CHLOROPHYLL A (UG/L) SPECTROPHOTOMETRIC ACID METH.	479618
32217	CHLOROPHYLL A (UG/L) FLUOROMETRIC UNCORRECTED	479618
32223	CHLOROPHYLL A (MG/M2) SPECTROPHOTOMETRIC CORRECTED	479618
32228	CHLOROPHYLL A (MG/M2) PERIPHYTON SPECTRO.	479618
32229	CHLOROPHYLL A (MG/M2) FLUOR. CORRECTED, SUBSTRATER	479618
32230	CHLOROPHYLL A (MG/L)	479618

STORET Code	Bacteria Parameter Group	C.A.S. Number
00111	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI	-
31501	COLIFORM, TOT, MEMBRANE FILTER, IMMED., M-ENDO MED,35C	-
31503	COLIFORM, TOT, MEMBRANE FILTER, DELAY, M-ENDO MED, 35C	-
31504	COLIFORM, TOT, MEMBRANE FILTER, IMMED., LES-ENDO AGAR, 35C	-
31505	COLIFORM, TOT, MPN, CONFIRMED TEST,35C(TUBE 31506)	-
31506	COLIFORM, TOT, MPN, CONFIRMED TEST, TUBE CONFIG.	-
31507	COLIFORM, TOT, MPN, COMPLETED TEST,35C(TUBE 31508)	-
31508	COLIFORM, TOT, MPN, COMPLETED TEST, TUBE CONFIG.	-
31613	FECAL COLIFORM, MEMBR, FILTER,M-FC AGAR,44.5C,24HR	-
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	-
31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	-
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5C	-
31617	FECAL COLIFORM, MPN,EIJKMAN TEST,44.5C(TUBE 31618)	-
31625	FECAL COLIFORM, MF, M-FC, 0.7 UM	-
31648	E. COLI - MTEC-MF	-
31649	ENTEROCOCCI- ME-MF	-
31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	-
31676	FECAL STREPTOCOCCI, MPN, KF BROTH, TUBE CONFIG.	-
31677	FECAL STREPTOCOCCI, MPN, AD-EVA, 35C (TUBE 31678)	-
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	-
61214	FECAL STREPTOCOCCI, GENERAL #/100ML	-
61215	FECAL COLIFORM, GENERAL #/100ML	-

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants)	C.A.S. Number
00718	CYANIDE, WEAK ACID, DISSOC. WATER, WHOLE (UG/L)	57125
00719	CYANIDE, FREE, IN WATER & WASTEWATERS, HBG (UG/L)	57125
00720	CYANIDE, TOTAL (MG/L AS CN)	57125
00722	CYANIDE, FREE (AMENABLE TO CHLORINATION) (MG/L)	57125

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
00723	CYANIDE, DISSOLVED STD METHOD (UG/L)	57125
00724	CYANIDE COMPLEXED TO A RANGE OF COMPNDS (UG/L)	57125
00969	CHRYSOTILE ASBESTOS FIBERS/LITER	1332214
00973	AMPHIBOLE ASBESTOS FIBERS/LITER	1332214
00976	AMBIGUOUS ASBESTOS FIBERS/LITER	1332214
00977	NON-AMPHIBOLE NON-CHRYSOTILE ASBESTOS FIBERS/LITER	1332214
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS AS	7440382
00981	SELENIUM, TOTAL RECOVERABLE IN WATER AS SE (UG/L)	7782492
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS (UG/L)	7440280
00990	SELENITE, TOTAL RECOVERABLE INORGANIC (UG/L)	7782492
00991	ARSENIC, TOTAL RECOVER. TRIVALENT INORGANIC (UG/L)	7440382
00995	ARSENIC, INORGANIC DISSOLVED (UG/L AS AS)	7440382
00996	ARSENIC, INORGANIC SUSPENDED (UG/L AS AS)	7440382
00997	ARSENIC, INORGANIC TOTAL (UG/L AS AS)	7440382
00998	BERYLLIUM, TOTAL RECOVERABLE IN WATER AS BE (UG/L)	7440417
01000	ARSENIC, DISSOLVED (UG/L AS AS)	7440382
01001	ARSENIC, SUSPENDED (UG/L AS AS)	7440382
01002	ARSENIC, TOTAL (UG/L AS AS)	7440382
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	7440417
01011	BERYLLIUM, SUSPENDED (UG/L AS BE)	7440417
01012	BERYLLIUM, TOTAL (UG/L AS BE)	7440417
01025	CADMIUM, DISSOLVED (UG/L AS CD)	7440439
01026	CADMIUM, SUSPENDED (UG/L AS CD)	7440439
01027	CADMIUM, TOTAL (UG/L AS CD)	7440439
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	7440473
01031	CHROMIUM, SUSPENDED (UG/L AS CR)	7440473
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	7440473
01033	CHROMIUM, TRI-VAL (UG/L AS CR)	16065831
01034	CHROMIUM, TOTAL (UG/L AS CR)	7440473

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
01040	COPPER, DISSOLVED (UG/L AS CU)	7440508
01041	COPPER, SUSPENDED (UG/L AS CU)	7440508
01042	COPPER, TOTAL (UG/L AS CU)	7440508
01049	LEAD, DISSOLVED (UG/L AS PB)	7439921
01050	LEAD, SUSPENDED (UG/L AS PB)	7439921
01051	LEAD, TOTAL (UG/L AS PB)	7439921
01057	THALLIUM, DISSOLVED (UG/L AS TL)	7440280
01058	THALLIUM, SUSPENDED (UG/L AS TL)	7440280
01059	THALLIUM, TOTAL (UG/L AS TL)	7440280
01065	NICKEL, DISSOLVED (UG/L AS NI)	7440020
01066	NICKEL, SUSPENDED (UG/L AS NI)	7440020
01067	NICKEL, TOTAL (UG/L AS NI)	7440020
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI (UG/L)	7440020
01075	SILVER, DISSOLVED (UG/L AS AG)	7440224
01076	SILVER, SUSPENDED (UG/L AS AG)	7440224
01077	SILVER, TOTAL (UG/L AS AG)	7440224
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG (UG/L)	7440224
01089	COPPER AS SUSPENDED BLACK OXIDE IN WATER (MG/L)	7440508
01090	ZINC, DISSOLVED (UG/L AS ZN)	7440666
01091	ZINC, SUSPENDED (UG/L ZN)	7440666
01092	ZINC, TOTAL (UG/L AS ZN)	7440666
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN (UG/L)	7440666
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	7440360
01096	ANTIMONY, SUSPENDED (UG/L AS SB)	7440360
01097	ANTIMONY, TOTAL (UG/L AS SB)	7440360
01113	CADMIUM, TOTAL RECOVERABLE IN WATER AS CD (UG/L)	7440439
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB (UG/L)	7439921
01118	CHROMIUM, TOTAL RECOVERABLE IN WATER AS CR (UG/L)	7440473
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU (UG/L)	7440508

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
01124	THALLIUM, ACID SOLUBLE, WATER, WHOLE (UG/L)	7440280
01128	THALLIUM,TOTAL RECOVERABLE <95%, UG/L AS TL	7440280
01138	SELENIUM, IN WATER, LBS/DAY	7782492
01145	SELENIUM, DISSOLVED (UG/L AS SE)	7782492
01146	SELENIUM, SUSPENDED (UG/L AS SE)	7782492
01147	SELENIUM, TOTAL (UG/L AS SE)	7782492
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE (UG/L)	7782492
01220	CHROMIUM, HEXAVALENT, DISSOLVED IN (UG/L AS CR)	18540299
01252	ARSENIC, LB/DAY/CFS STREAM FLOW	7440382
01253	CADMIUM, LB/DAY/CFS STREAM FLOW	7440439
01254	CHROMIUM, TOTAL (LBS/DAY/CFS STREAM FLOW)	7740473
01255	CHROMIUM, HEXAVALENT, LB/DAY/CFS STREAM FLOW	18540299
01256	COPPER, LB/DAY/CFS STREAM FLOW	7440508
01257	CYANIDE LB/DAY/CFS STREAM FLOW	57125
01259	LEAD, LB/DAY/CFS STREAM FLOW	7439921
01260	MERCURY, LB/DAY/CFS STREAM FLOW	7439976
01261	NICKEL, LB/DAY/CFS STREAM FLOW	7440020
01263	SILVER, LB/DAY/CFS STREAM FLOW	7440224
01264	ZINC LB/DAY/CFS STREAM FLOW	7440666
01268	ANTIMONY, (SB), WATER, TOTAL RECOVERABLE (UG/L)	7440360
01291	CYANIDE, FILTERABLE, TOTAL IN WATER (UG/L)	57125
01303	ZINC, POTENTIALLY DISSOLVED WATER (MG/L)	7440666
01304	SILVER, POTENTIALLY DISSOLVED WATER (MG/L)	7440224
01306	COPPER, POTENTIALLY DISSOLVED WATER (MG/L)	7440508
01307	CHROMIUM, HEXAVALENT, POTENT. DISS. WATER (MG/L)	18540299
01309	ARSENIC, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440382
01312	BERYLLIUM, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440417
01313	CADMIUM, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440439

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
01314	CHROMIUM, TRIVALENT, POTENT., DISS., WATER (MG/L)	16065831
01318	LEAD, POTENTIALLY, DISSOLVED, WATER (MG/L)	7439921
01321	MERCURY, POTENTIALLY, DISSOLVED, WATER (MG/L)	7439976
01322	NICKEL, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440020
01323	SELENIUM, POTENTIALLY, DISSOLVED, WATER (MG/L)	7782492
01324	THALLIUM, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440280
01523	SILVER, IONIC (UG/L)	7440224
22675	SELENIUM, DISSOLVED ORGANIC (UG/L)	7782492
22676	SELENIUM, HEXAVALENT, DISSOLVED (UG/L)	7782492
22677	SELENIUM, TETRAVALENT, DISSOLVED	7782492
22678	ARSENIC, DISSOLVED ORGANIC (UG/L)	7440382
22679	ARSENIC, PENTAVALENT, DISSOLVED (UG/L)	7440382
22680	ARSENIC, TRIVALENT, DISSOLVED (UG/L)	7440382
30197	2-CHLOROETHYLVINYL ETHER,WATER,WHL,RECOVER (UG/L)	110758
30201	CHLOROMETHANE, WATER, WHOLE, RECOVERABLE (UG/L)	74873
30202	BROMOMETHANE, WATER, WHOLE, RECOVERABLE (UG/L)	74839
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXT. (UG/L)	67663
32005	CARBON CHLOROFORM EXTRACTABLES (UG/L)	67663
32021	CARBON CHLOROFORM EXTRACTS, ETHER INSOLUBLE (UG/L)	67663
32022	CARBON CHLOROFORM EXTRACTS, WATER SOLUBLES (UG/L)	67663
32101	BROMODICHLOROMETHANE, WHOLE WATER (UG/L)	75274
32102	CARBON TETRACHLORIDE, WHOLE WATER, (UG/L)	56235
32103	1,2-DICHLOROETHANE, WHOLE WATER (UG/L)	107062
32104	BROMOFORM, WHOLE WATER, (UG/L)	75252
32105	DIBROMOCHLOROMETHANE, WHOLE WATER, (UG/L)	124481
32106	CHLOROFORM, WHOLE WATER (UG/L)	67663
32260	CARBON TETRACHLORIDE EXTRACTABLES (MG/L)	56235
32270	CHLOROFORM EXTRACTABLES TOTAL IN MG PER LITER	67663

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXT. (UG/L)	108883
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXT. (UG/L)	71432
34198	BHC-DELTA, WATER, WHOLE (LBS/DAY)	319868
34200	ACENAPHTHYLENE, TOTAL (UG/L)	208968
34201	ACENAPHTHYLENE, DISSOLVED (UG/L)	208968
34202	ACENAPHTHYLENE, SUSPENDED (UG/L)	208968
34205	ACENAPHTHENE, TOTAL (UG/L)	83329
34206	ACENAPHTHENE, DISSOLVED (UG/L)	83329
34207	ACENAPHTHENE, SUSPENDED (UG/L)	83329
34210	ACROLEIN, TOTAL (UG/L)	107028
34211	ACROLEIN, DISSOLVED (UG/L)	107028
34212	ACROLEIN, SUSPENDED (UG/L)	107028
34215	ACRYLONITRILE, TOTAL (UG/L)	107131
34216	ACRYLONITRILE, DISSOLVED (UG/L)	107131
34217	ACRYLONITRILE, SUSPENDED (UG/L)	107131
34220	ANTHRACENE, TOTAL (UG/L)	120127
34221	ANTHRACENE, DISSOLVED (UG/L)	120127
34222	ANTHRACENE, SUSPENDED (UG/L)	120127
34225	ASBESTOS (FIBROUS) TOTAL (UG/L)	1332214
34226	ASBESTOS (FIBROUS) DISSOLVED (UG/L)	1332214
34227	ASBESTOS (FIBROUS) SUSPENDED (UG/L)	1332214
34230	BENZO(B)FLUORANTHENE, WHOLE WATER (UG/L)	205992
34231	BENZO(B)FLUORANTHENE, DISSOLVED (UG/L)	205992
34232	BENZO(B)FLUORANTHENE, SUSPENDED (UG/L)	205992
34235	BENZENE, DISSOLVED (UG/L)	71432
34236	BENZENE, SUSPENDED (UG/L)	71432
34239	BENZIDINE, DISSOLVED (UG/L)	92875
34240	BENZIDINE, SUSPENDED (UG/L)	92875

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34242	BENZO(K)FLUORANTHENE, TOTAL (UG/L)	207089
34243	BENZO(K)FLUORANTHENE, DISSOLVED (UG/L)	207089
34244	BENZO(K)FLUORANTHENE, SUSPENDED (UG/L)	207089
34247	BENZO-A-PYRENE, TOTAL (UG/L)	50328
34248	BENZO-A-PYRENE, DISSOLVED (UG/L)	50328
34249	BENZO-A-PYRENE, SUSPENDED (UG/L)	50328
34253	A-BHC-ALPHA, DISSOLVED (UG/L)	319846
34254	A-BHC-ALPHA, SUSPENDED (UG/L)	319846
34255	B-BHC-BETA, DISSOLVED (UG/L)	319857
34256	B-BHC-BETA, SUSPENDED (UG/L)	319857
34259	DELTA BENZENE HEXACHLORIDE, TOTAL (UG/L)	319868
34260	DELTA BENZENE HEXACHLORIDE, DISSOLVED (UG/L)	319868
34261	DELTA BENZENE HEXACHLORIDE, SUSPENDED (UG/L)	319868
34265	R-BHC (LINDANE) GAMMA, DISSOLVED (UG/L)	58899
34266	R-BHC (LINDANE) GAMMA, SUSPENDED (UG/L)	58899
34273	BIS (2-CHLOROETHYL) ETHER, TOTAL (UG/L)	111444
34274	BIS (2-CHLOROETHYL) ETHER, DISSOLVED (UG/L)	111444
34275	BIS (2-CHLOROETHYL) ETHER, SUSPENDED (UG/L)	111444
34278	BIS (2-CHLOROETHOXY) METHANE, TOTAL (UG/L)	111911
34279	BIS (2-CHLOROETHOXY) METHANE, DISSOLVED (UG/L)	111911
34280	BIS (2-CHLOROETHOXY) METHANE, SUSPENDED (UG/L)	111911
34288	BROMOFORM, DISSOLVED (UG/L)	75252
34289	BROMOFORM, SUSPENDED (UG/L)	75252
34292	N-BUTYL BENZYL PHTHALATE, WHOLE WATER (UG/L)	85687
34293	N-BUTYL BENZYL PHTHALATE, DISSOLVED (UG/L)	85687
34294	N-BUTYL BENZYL PHTHALATE, SUSPENDED (UG/L)	85687
34297	CARBON TETRACHLORIDE, DISSOLVED (UG/L)	56235
34298	CARBON TETRACHLORIDE, SUSPENDED (UG/L)	56235

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34301	CHLOROBENZENE, TOTAL (UG/L)	108907
34302	CHLOROBENZENE, DISSOLVED (UG/L)	108907
34303	CHLOROBENZENE, SUSPENDED (UG/L)	108907
34306	CHLORODIBROMOMETHANE, TOTAL (UG/L)	124481
34307	CHLORODIBROMOMETHANE, DISSOLVED (UG/L)	124481
34308	CHLORODIBROMOMETHANE, SUSPENDED (UG/L)	124481
34311	CHLOROETHANE, TOTAL (UG/L)	75003
34312	CHLOROETHANE, DISSOLVED (UG/L)	75003
34313	CHLOROETHANE, SUSPENDED (UG/L)	75003
34316	CHLOROFORM, DISSOLVED (UG/L)	67663
34317	CHLOROFORM, SUSPENDED (UG/L)	67663
34320	CHRYSENE, TOTAL (UG/L)	218019
34321	CHRYSENE, DISSOLVED (UG/L)	218019
34322	CHRYSENE, SUSPENDED (UG/L)	218019
34325	CYANIDE, SUSPENDED (MG/L)	57125
34327	DI-N-BUTYL PHTHALATE, DISSOLVED (UG/L)	84742
34328	DICHLOROBROMOMETHANE, DISSOLVED (UG/L)	75274
34329	DICHLOROBROMOMETHANE, SUSPENDED (UG/L)	75274
34336	DIETHYL PHTHALATE, TOTAL (UG/L)	84662
34337	DIETHYL PHTHALATE, DISSOLVED (UG/L)	84662
34338	DIETHYL PHTHALATE, SUSPENDED (UG/L)	84662
34341	DIMETHYL PHTHALATE, TOTAL (UG/L)	131113
34342	DIMETHYL PHTHALATE, DISSOLVED (UG/L)	131113
34343	DIMETHYL PHTHALATE, SUSPENDED (UG/L)	131113
34346	1,2-DIPHENYLHYDRAZINE, TOTAL (UG/L)	122667
34347	1,2-DIPHENYLHYDRAZINE, DISSOLVED (UG/L)	122667
34348	1,2-DIPHENYLHYDRAZINE, SUSPENDED (UG/L)	122667
34351	ENDOSULFAN SULFATE, TOTAL (UG/L)	1031078

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34352	ENDOSULFAN SULFATE, DISSOLVED (UG/L)	1031078
34353	ENDOSULFAN SULFATE, SUSPENDED (UG/L)	1031078
34356	ENDOSULFAN, BETA, TOTAL (UG/L)	33213659
34357	ENDOSULFAN, BETA, DISSOLVED (UG/L)	33213659
34358	ENDOSULFAN, BETA, SUSPENDED (UG/L)	33213659
34361	ENDOSULFAN, ALPHA, TOTAL (UG/L)	959988
34362	ENDOSULFAN, ALPHA, DISSOLVED (UG/L)	959988
34363	ENDOSULFAN, ALPHA, SUSPENDED (UG/L)	959988
34371	ETHYLBENZENE, TOTAL (UG/L)	100414
34372	ETHYLBENZENE, DISSOLVED (UG/L)	100414
34373	ETHYLBENZENE, SUSPENDED (UG/L)	100414
34376	FLUORANTHENE, TOTAL (UG/L)	206440
34377	FLUORANTHENE, DISSOLVED (UG/L)	206440
34378	FLUORANTHENE, SUSPENDED (UG/L)	206440
34381	FLUORENE, TOTAL (UG/L)	86737
34382	FLUORENE, DISSOLVED (UG/L)	86737
34383	FLUORENE, SUSPENDED (UG/L)	86737
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL (UG/L)	77474
34387	HEXACHLOROCYCLOPENTADIENE, DISSOLVED (UG/L)	77474
34388	HEXACHLOROCYCLOPENTADIENE, SUSPENDED (UG/L)	77474
34391	HEXACHLOROBUTADIENE, TOTAL (UG/L)	87683
34392	HEXACHLOROBUTADIENE, DISSOLVED (UG/L)	87683
34393	HEXACHLOROBUTADIENE, SUSPENDED (UG/L)	87683
34396	HEXACHLOROETHANE, TOTAL (UG/L)	67721
34397	HEXACHLOROETHANE, DISSOLVED (UG/L)	67721
34398	HEXACHLOROETHANE, SUSPENDED (UG/L)	67721
34401	HEXACHLOROBENZENE, DISSOLVED (UG/L)	118741
34402	HEXACHLOROBENZENE, SUSPENDED (UG/L)	118741

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34403	INDENO (1,2,3-CD) PYRENE, TOTAL (UG/L)	193395
34404	INDENO (1,2,3-CD) PYRENE, DISSOLVED (UG/L)	193395
34405	INDENO (1,2,3-CD) PYRENE, SUSPENDED (UG/L)	193395
34408	ISOPHORONE, TOTAL (UG/L)	78591
34409	ISOPHORONE, DISSOLVED (UG/L)	78591
34410	ISOPHORONE, SUSPENDED (UG/L)	78591
34413	METHYL BROMIDE, TOTAL (UG/L)	74839
34414	METHYL BROMIDE, DISSOLVED (UG/L)	74839
34415	METHYL BROMIDE, SUSPENDED (UG/L)	74839
34418	METHYL CHLORIDE, TOTAL (UG/L)	74873
34419	METHYL CHLORIDE, DISSOLVED (UG/L)	74873
34420	METHYL CHLORIDE, SUSPENDED (UG/L)	74873
34423	METHYLENE CHLORIDE, TOTAL (UG/L)	75092
34424	METHYLENE CHLORIDE, DISSOLVED (UG/L)	75092
34425	METHYLENE CHLORIDE, SUSPENDED (UG/L)	75092
34428	N-NITROSODI-N-PROPYLAMINE, TOTAL (UG/L)	621647
34429	N-NITROSODI-N-PROPYLAMINE, DISSOLVED (UG/L)	621647
34430	N-NITROSODI-N-PROPYLAMINE, SUSPENDED (UG/L)	621647
34433	N-NITROSODIPHENYLAMINE, TOTAL (UG/L)	86306
34434	N-NITROSODIPHENYLAMINE, DISSOLVED (UG/L)	86306
34435	N-NITROSODIPHENYLAMINE, SUSPENDED (UG/L)	86306
34438	N-NITROSODIMETHYLAMINE, TOTAL (UG/L)	62759
34439	N-NITROSODIMETHYLAMINE, DISSOLVED (UG/L)	62759
34440	N-NITROSODIMETHYLAMINE, SUSPENDED (UG/L)	62759
34443	NAPHTHALENE, DISSOLVED (UG/L)	91203
34444	NAPHTHALENE, SUSPENDED (UG/L)	91203
34447	NITROBENZENE, TOTAL (UG/L)	98953
34448	NITROBENZENE, DISSOLVED (UG/L)	98953

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34449	NITROBENZENE, SUSPENDED (UG/L)	98953
34452	PARACHLOROMETA CRESOL, TOTAL (UG/L)	59507
34453	PARACHLOROMETA CRESOL, DISSOLVED (UG/L)	59507
34454	PARACHLOROMETA CRESOL, SUSPENDED (UG/L)	59507
34457	PCB - 1242, DISSOLVED (UG/L)	53469219
34458	PCB - 1242, SUSPENDED (UG/L)	53469219
34459	PCP (PENTACHLOROPHENOL), DISSOLVED (UG/L)	87865
34460	PCP (PENTACHLOROPHENOL), SUSPENDED (UG/L)	87865
34461	PHENANTHRENE, TOTAL (UG/L)	85018
34462	PHENANTHRENE, DISSOLVED (UG/L)	85018
34463	PHENANTHRENE, SUSPENDED (UG/L)	85018
34466	PHENOL, DISSOLVED (UG/L)	108952
34467	PHENOL, SUSPENDED (UG/L)	108952
34469	PYRENE, TOTAL (UG/L)	129000
34470	PYRENE, DISSOLVED (UG/L)	129000
34471	PYRENE, SUSPENDED (UG/L)	129000
34475	TETRACHLOROETHYLENE, TOTAL (UG/L)	127184
34476	TETRACHLOROETHYLENE, DISSOLVED (UG/L)	127184
34477	TETRACHLOROETHYLENE, SUSPENDED (UG/L)	127184
34481	TOLUENE, DISSOLVED (UG/L)	108883
34482	TOLUENE, SUSPENDED (UG/L)	108883
34485	TRICHLOROETHYLENE, DISSOLVED (UG/L)	79016
34486	TRICHLOROETHYLENE, SUSPENDED (UG/L)	79016
34493	VINYL CHLORIDE, DISSOLVED (UG/L)	75014
34494	VINYL CHLORIDE, SUSPENDED (UG/L)	75014
34496	1,1-DICHLOROETHANE, TOTAL (UG/L)	75343
34497	1,1-DICHLOROETHANE, DISSOLVED (UG/L)	75343
34498	1,1-DICHLOROETHANE, SUSPENDED (UG/L)	75343

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34501	1,1-DICHLOROETHYLENE, TOTAL (UG/L)	75354
34502	1,1-DICHLOROETHYLENE, DISSOLVED (UG/L)	75354
34503	1,1-DICHLOROETHYLENE, SUSPENDED (UG/L)	75354
34506	1,1,1-TRICHLOROETHANE, TOTAL (UG/L)	71556
34507	1,1,1-TRICHLOROETHANE, DISSOLVED (UG/L)	71556
34508	1,1,1-TRICHLOROETHANE, SUSPENDED (UG/L)	71556
34511	1,1,2-TRICHLOROETHANE, TOTAL (UG/L)	79005
34512	1,1,2-TRICHLOROETHANE, DISSOLVED (UG/L)	79005
34513	1,1,2-TRICHLOROETHANE, SUSPENDED (UG/L)	79005
34516	1,1,2,2-TETRACHLOROETHANE, TOTAL (UG/L)	79345
34517	1,1,2,2-TETRACHLOROETHANE, DISSOLVED (UG/L)	79345
34518	1,1,2,2-TETRACHLOROETHANE, SUSPENDED (UG/L)	79345
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE, TOTAL (UG/L)	191242
34522	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE, DISS. (UG/L)	191242
34523	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE, SUSP. (UG/L)	191242
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE, TOTAL (UG/L)	56553
34527	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE, DISS. (UG/L)	56553
34528	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE, SUSP. (UG/L)	56553
34531	1,2-DICHLOROETHANE, TOTAL (UG/L)	107062
34532	1,2-DICHLOROETHANE, DISSOLVED (UG/L)	107062
34533	1,2-DICHLOROETHANE, SUSPENDED (UG/L)	107062
34536	1,2-DICHLOROBENZENE, TOTAL (UG/L)	95501
34537	1,2-DICHLOROBENZENE, DISSOLVED (UG/L)	95501
34538	1,2-DICHLOROBENZENE, SUSPENDED (UG/L)	95501
34541	1,2-DICHLOROPROPANE, TOTAL (UG/L)	78875
34542	1,2-DICHLOROPROPANE, DISSOLVED (UG/L)	78875
34543	1,2-DICHLOROPROPANE, SUSPENDED (UG/L)	78875
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER (UG/L)	156605

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34547	TRANS-1,2-DICHLOROETHENE, DISSOLVED (UG/L)	156605
34548	TRANS-1,2-DICHLOROETHENE, SUSPENDED (UG/L)	156605
34551	1,2,4-TRICHLOROBENZENE, TOTAL (UG/L)	120821
34552	1,2,4-TRICHLOROBENZENE, DISSOLVED (UG/L)	120821
34553	1,2,4-TRICHLOROBENZENE, SUSPENDED (UG/L)	120821
34556	1,2,5,6-DIBENZANTHRACENE, TOTAL (UG/L)	53703
34557	1,2,5,6-DIBENZANTHRACENE, DISSOLVED (UG/L)	53703
34558	1,2,5,6-DIBENZANTHRACENE, SUSPENDED (UG/L)	53703
34561	1,3-DICHLOROPROPENE, TOTAL (UG/L)	542756
34562	1,3-DICHLOROPROPENE, DISSOLVED (UG/L)	542756
34563	1,3-DICHLOROPROPENE, SUSPENDED (UG/L)	542756
34566	1,3-DICHLOROBENZENE, TOTAL (UG/L)	541731
34567	1,3-DICHLOROBENZENE, DISSOLVED (UG/L)	541731
34568	1,3-DICHLOROBENZENE, SUSPENDED (UG/L)	541731
34571	1,4-DICHLOROBENZENE, TOTAL (UG/L)	106467
34572	1,4-DICHLOROBENZENE, DISSOLVED (UG/L)	106467
34573	1,4-DICHLOROBENZENE, SUSPENDED (UG/L)	106467
34576	2-CHLOROETHYL VINYL ETHER, TOTAL (UG/L)	110758
34577	2-CHLOROETHYL VINYL ETHER, DISSOLVED (UG/L)	110758
34578	2-CHLOROETHYL VINYL ETHER, SUSPENDED (UG/L)	110758
34581	2-CHLORONAPHTHALENE, TOTAL (UG/L)	91587
34582	2-CHLORONAPHTHALENE, DISSOLVED (UG/L)	91587
34583	2-CHLORONAPHTHALENE, SUSPENDED (UG/L)	91587
34586	2-CHLOROPHENOL, TOTAL (UG/L)	95578
34587	2-CHLOROPHENOL, DISSOLVED (UG/L)	95578
34588	2-CHLOROPHENOL, SUSPENDED (UG/L)	95578
34591	2-NITROPHENOL, TOTAL (UG/L)	88755
34592	2-NITROPHENOL, DISSOLVED (UG/L)	88755

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34593	2-NITROPHENOL, SUSPENDED (UG/L)	88755
34596	DI-N-OCTYL PHTHALATE, TOTAL (UG/L)	117840
34597	DI-N-OCTYL PHTHALATE, DISSOLVED (UG/L)	117840
34598	DI-N-OCTYL PHTHALATE, SUSPENDED (UG/L)	117840
34601	2,4-DICHLOROPHENOL, TOTAL (UG/L)	120832
34602	2,4-DICHLOROPHENOL, DISSOLVED (UG/L)	120832
34603	2,4-DICHLOROPHENOL, SUSPENDED (UG/L)	120832
34606	2,4-DIMETHYLPHENOL, TOTAL (UG/L)	105679
34607	2,4-DIMETHYLPHENOL, DISSOLVED (UG/L)	105679
34608	2,4-DIMETHYLPHENOL, SUSPENDED (UG/L)	105679
34611	2,4-DINITROTOLUENE, TOTAL (UG/L)	121142
34612	2,4-DINITROTOLUENE, DISSOLVED (UG/L)	121142
34613	2,4-DINITROTOLUENE, SUSPENDED (UG/L)	121142
34616	2,4-DINITROPHENOL, TOTAL (UG/L)	51285
34617	2,4-DINITROPHENOL, DISSOLVED (UG/L)	51285
34618	2,4-DINITROPHENOL, SUSPENDED (UG/L)	51285
34621	2,4,6-TRICHLOROPHENOL, TOTAL (UG/L)	88062
34622	2,4,6-TRICHLOROPHENOL, DISSOLVED (UG/L)	88062
34623	2,4,6-TRICHLOROPHENOL, SUSPENDED (UG/L)	88062
34626	2,6-DINITROTOLUENE, TOTAL (UG/L)	606202
34627	2,6-DINITROTOLUENE, DISSOLVED (UG/L)	606202
34628	2,6-DINITROTOLUENE, SUSPENDED (UG/L)	606202
34631	3,3'-DICHLOROBENZIDINE, TOTAL (UG/L)	91941
34632	3,3'-DICHLOROBENZIDINE, DISSOLVED (UG/L)	91941
34633	3,3'-DICHLOROBENZIDINE, SUSPENDED (UG/L)	91941
34636	4-BROMOPHENYL PHENYL ETHER, TOTAL (UG/L)	101553
34637	4-BROMOPHENYL PHENYL ETHER, DISSOLVED (UG/L)	101553
34638	4-BROMOPHENYL PHENYL ETHER, SUSPENDED (UG/L)	101553

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34641	4-CHLOROPHENYL PHENYL ETHER, TOTAL (UG/L)	7005723
34642	4-CHLOROPHENYL PHENYL ETHER, DISSOLVED (UG/L)	7005723
34643	4-CHLOROPHENYL PHENYL ETHER, SUSPENDED (UG/L)	7005723
34646	4-NITROPHENOL, TOTAL (UG/L)	100027
34647	4-NITROPHENOL, DISSOLVED (UG/L)	100027
34648	4-NITROPHENOL, SUSPENDED (UG/L)	100027
34651	P,P'-DDD, DISSOLVED (UG/L)	72548
34652	P,P'-DDD, SUSPENDED (UG/L)	72548
34653	P,P'-DDE, DISSOLVED (UG/L)	72559
34654	P,P'-DDE, SUSPENDED (UG/L)	72559
34655	P,P'-DDT, DISSOLVED (UG/L)	50293
34656	P,P'-DDT, SUSPENDED (UG/L)	50293
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL), TOTAL (UG/L)	534521
34658	DNOC (4,6-DINITRO-ORTHO-CRESOL), DISSOLVED (UG/L)	534521
34659	DNOC (4,6-DINITRO-ORTHO-CRESOL), SUSPENDED (UG/L)	534521
34662	PCB - 1221, DISSOLVED (UG/L)	11104282
34663	PCB - 1221, SUSPENDED (UG/L)	11104282
34665	PCB - 1232, DISSOLVED (UG/L)	11141165
34666	PCB - 1232, SUSPENDED (UG/L)	11141165
34671	PCB - 1016, TOTAL (UG/L)	12674112
34672	PCB - 1016, DISSOLVED (UG/L)	12674112
34673	PCB - 1016, SUSPENDED (UG/L)	12674112
34675	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD),TOT(UG/L)	1746016
34676	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)DISS(UG/L)	1746016
34677	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)SUSP(UG/L)	1746016
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTAL (UG/L)	108952
34696	NAPHTHALENE, TOTAL (UG/L)	91203
34750	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)TOT(PG/L)	1746016

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34751	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)DISS(PG/L)	1746016
34752	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)SUSP(PG/L)	1746016
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE (UG/L)	87865
39039	HEXACHLOROBENZENE WATER SAMPLE,ELECTRON CPT (UG/L)	118741
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER (UG/L)	117817
39103	BIS(2-ETHYLHEXYL) PHTHALATE, DISSOLVED, (UG/L)	117817
39104	BIS(2-ETHYLHEXYL) PHTHALATE, SUSPENDED, (UG/L)	117817
39107	PHTHALATES,DIETHYLHEXYL SUS.FRAC.WTR DWT (MG/KG)	117817
39110	DI-N-BUTYL PHTHALATE, WHOLE WATER (UG/L)	84742
39114	DI-N-BUTYL PHTHALATE, SUSPENDED (UG/L)	84742
39115	PHTHALATES,DIBUTYL SUS.FRAC.WATER DWT (UG/KG)	84742
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	92875
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE (UG/L)	75014
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE (UG/L)	79016
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	50293
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	72548
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	72559
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	309002
39331	ALDRIN IN FILT. FRAC. OF WAT. SAMP. (UG/L)	309002
39332	ALDRIN IN SUSP. FRAC. OF WAT. SAMP. (UG/L)	309002
39336	BHC-ALPHA, WATER, WHOLE (LBS/DAY)	319846
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER (UG/L)	319846
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER (UG/L)	319857
39340	GAMMA-BHC(LINDANE), WHOLE WATER (UG/L)	58899
39341	GAMMA-BHC(LINDANE), DISSOLVED (UG/L)	58899
39342	GAMMA-BHC(LINDANE), SUSPENDED (UG/L)	58899
39344	BHC-GAMMA, WATER, WHOLE (LBS/DAY)	58899
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATER (UG/L)	57749

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
39352	CHLORDANE(TECH MIX & METABS), DISSOLVED (UG/L)	57749
39353	CHLORDANE(TECH MIX & METABS), SUSPENDED (UG/L)	57749
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	72548
39361	DDD IN FILT. FRAC. OF WATER SMAPLE (UG/L)	72548
39362	DDD IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	72548
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	72559
39366	DDE IN FILT. FRAC. OF WATER SAMPLE (UG/L)	72559
39367	DDE IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	72559
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	50293
39371	DDT IN FILT. FRAC. OF WATER SAMPLE (UG/L)	50293
39372	DDT IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	50293
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	60571
39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	60571
39382	DIELDRIN IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	60571
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	72208
39391	ENDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	72208
39392	ENDRIN IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	72208
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	8001352
39401	TOXAPHENE IN FILT. FRAC. OF WATER SAMPLE (UG/L)	8001352
39402	TOXAPHENE IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	8001352
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	76448
39411	HEPTACHLOR IN FILT. FRAC. OF WATER SAMPLE (UG/L)	76448
39412	HEPTACHLOR IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	76448
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	1024573
39421	HEPTACHLOR EPOXIDE IN FILT. FRAC. WAT. SAM. (UG/L)	1024573
39422	HEPTACHLOR EPOXIDE IN SUSP. FRAC. WAT. SAM. (UG/L)	1024573
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE (UG/L)	11104282
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE (UG/L)	11141165

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE (UG/L)	53469219
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE (UG/L)	12672296
39501	PCB - 1248 IN FILT. FRAC. OF WATER SAMPLE (UG/L)	12672296
39502	PCB - 1248 IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	12672296
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE (UG/L)	11097691
39505	PCB - 1254 IN FILT. FRAC. OF WATER SAMPLE (UG/L)	11097691
39506	PCB - 1254 IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	11097691
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE (UG/L)	11096825
39509	PCB - 1260 IN FILT. FRAC. OF WATER SAMPLE (UG/L)	11096825
39510	PCB - 1260 IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	11096825
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	118741
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE (UG/L)	87683
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	58899
39920	DNOC IN WHOLE WATER SAMPLE (UG/L)	534521
46322	LINDANE PLUS ISOMERS IN WHOLE WATER SAMPLE (UG/L)	58899
46323	DELTA-BHC IN WHOLE WATER SAMPLE (UG/L)	319868
46326	HEPTACHLOR AND METABOLITES IN WH. H2O SAMP. (UG/L)	76448
46479	CYANIDE, DISSOLVED, WATER (UG/L)	57125
46551	ARSENIC, FIELD ACIDIFIED W/HNO3, LAB FILT. (UG/L)	7440382
46559	CADMIUM, FIELD ACIDIFIED-HNO3-LAB FILTER (UG/L-CD)	7440439
46560	CHROMIUM, FIELD ACIDIFIED-HN03-LAB FILT. (UG/L-CR)	7440473
46562	COPPER, FIELD ACIDIFIED-HNO3-LAB FILTER. (UG/L-CU)	7440508
46564	LEAD, FIELD ACIDIFIED-HNO3-LAB FILTERED (UG/L-PB)	7439921
46566	SILVER, FIELD ACIDIFIED-HNO3-LAB FILTER.(UG/L-AG)	7440224
46567	ZINC, EXTRACT. FIELD ACID W/HNO3, LAB FILT. (UG/L)	7440666
70012	PARACHLOROMETA CRESOL, WATER, WHOLE (LBS/DAY)	59507
70017	HEXACHLOROCYCLOPENTADIENE, WATER, WHOLE (LBS/DAY)	77474
70021	LEAD, (TCLP), WATER, TOTAL (MG/L)	7439921

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
71890	MERCURY, DISSOLVED (UG/L AS HG)	7439976
71895	MERCURY, SUSPENDED (UG/L AS HG)	7439976
71900	MERCURY, TOTAL (UG/L AS HG)	7439976
71901	MERCURY, TOTAL RECOVERABLE IN WATER AS HG (UG/L)	7439976
71946	CADMIUM, EXTRACTABLE (UG/L AS CD)	7440439
71947	CHROMIUM, EXTRACTABLE (UG/L AS CR)	7440473
71949	LEAD, EXTRACTABLE (UG/L AS PB)	7439921
71950	ZINC, EXTRACTABLE (UG/L AS ZN)	7440666
71951	COPPER, EXTRACTABLE (UG/L AS CU)	7440508
73063	CHLOROGUAIACOL,4-, TOTAL, WATER (UG/L)	16766306
73522	PROPANE, 2,2'-OXYBIS(1-CHLORO)- TOTAL (UG/L)	108601
77163	1,3-DICHLOROPROPENE-1, WHOLE WATER (UG/L)	542756
77354	1,1-DICHLORO-2,2-DIFLUOROETHANE WHOLE WATER (UG/L)	471432
77771	3-CHLORO-4-HYDROXYBENZOPHENONE, WHOLE WATER (UG/L)	55191203
78113	ETHYL BENZENE WHOLE WATER SAMPLE (UG/L)	100414
78124	BENZENE IN WATER (VOLATILE ANALYSIS) (UG/L)	71432
78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) (UG/L)	108883
78208	2,4-DINITRO-O-CRESOL IN WHOLE WATER SAMPLE (UG/L)	534521
78247	CHROMIUM, HEXAVALENT, TOTAL RECOVERABLE, WT (UG/L)	18540299
78248	CYANIDE, TOTAL RECOVERABLE, WATER, WHOLE (UG/L)	57125
80357	CHROMIUM, TRIVALENT, DISSOLVED, AS CR	16065831
81208	CYANIDE, FREE (NOT AMEN. TO CHLORINATION) (MG/L)	57125
81210	CYANIDE - STATE OF ILLINOIS (MG/L)	57125
81214	CADMIUM - STATE OF ILLINOIS (MG/L)-COLD	7440439
81215	CHROMIUM - STATE OF ILLINOIS (MG/L), COLD DIGEST	18540299
81216	CHROMIUM(TRI)-STATE OF ILLINOIS (MG/L)-COLD DIGEST	16065831
81217	CHROMIUM, TOTAL - STATE OF ILLINOIS (MG/L) COLD DIGEST	7440473
81218	COPPER, STATE OF ILLINOIS, MG/L, COLD DIGEST	7440508

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
81220	LEAD, STATE OF ILLINOIS, MG/L, COLD DIGEST	7439921
81222	NICKEL - STATE OF ILLINOIS, MG/L, COLD DIGEST	7440020
81223	SILVER, STATE OF ILLINOIS, MG/L, COLD DIGEST	7440224
81224	ZINC - STATE OF ILLINOIS, MG/L, COLD DIGEST	7440666
81642	SILVER (AG) IN WATER POUNDS PER DAY (LBS/DAY)	7440224
81750	COPPER, INTERSTITIAL WATER FROM SEDIMENTS (UG/L)	7440508
81751	LEAD, INTERSTITIAL WATER FROM SEDIMENTS (UG/L)	7439921
81752	NICKEL, INTERSTITIAL WATER FROM SEDIMENTS (UG/L)	7440020
81753	CADMIUM, INTERSTITIAL WATER FROM SEDIMENT	7440439
81754	ZINC, INTERSTITIAL WATER FROM SEDIMENTS (UG/L)	7440666
81766	HEPTACHLOR EPOXIDE IN EPILITHIC ALGAE SED. (UG/KG)	1024573
81931	MERCURY (HG) SUSPENDED FRACTION OF WATER (UG/G)	7439976
81932	CADMIUM (CD) SUSPENDED FRACTION OF WATER (UG/G)	7440439
81933	ZINC (ZN) SUSPENDED FRACTION OF WATER (UG/G)	7440666
81934	LEAD (PB) SUSPENDED FRACTION OF WATER (UG/G)	7439921
81936	LEAD (PB) DISSOLVED CATIONIC SPECIES (UG/L)	7439921
81937	CADMIUM (CD) DISSOLVED CATIONIC SPECIES (UG/L)	7440439
81938	CHROMIUM, DISSOLVED CATIONIC SPECIES (UG/L)	7440473
81939	COPPER (CU) DISSOLVED CATIONIC SPECIES (UG/L)	7440508
81940	ZINC (ZN) DISSOLVED CATIONIC SPECIES (UG/L)	7440666
81941	CHROMIUM, DISSOLVED ANIONIC SPECIES (UG/L)	7440473
81942	COPPER (CU) DISSOLVED ANIONIC SPECIES (UG/L)	7440508
81943	ZINC (ZN) DISSOLVED ANIONIC SPECIES (UG/L)	7440666
82058	CHROMIUM, TOTAL, PERCENT REMOVAL	7440473
82399	CHROMIUM, HEXAVALENT (KG/BATCH)	18540299
82512	M,P-DICHLOROBENZENE (MEASURES 1,3&1,4) TOT. (UG/L)	541731
82573	CYANIDE/CHLORINATION IN WATER (MG/L)	57125
82621	HEXACHLOROBENZENE, WATER, TOTAL RECOVER. (UG/L)	118741

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
82622	ENDRIN ALDEHYDE, WH. WATER, TOTAL RECOVER. (UG/L)	7421934
82623	ENDOSULFAN SULFATE, WATER, TOTAL RECOVER. (UG/L)	1031078
82624	ENDOSULFAN, BETA, WH. WATER, TOTAL RECOVER. (UG/L)	33213659
82626	1,2-DIPHENYLHYDRAZINE, WATER, TOTAL RECOVER. (UG/L)	122667
82627	PARACHLOROMETA CRESOL, WATER, TOTAL RECOVER. (UG/L)	59507
85006	ZINC, TOTAL - (#/DAY)	7440666
85007	CHROMIUM, TOTAL (#/DAY)	7440473
85010	NICKEL, TOTAL - (#/DAY)	7440020
85013	MERCURY, TOTAL - (#/DAY)	7439976

Appendix H

Literature Cited

Code of Federal Regulations. 1994. Protection of Environment. 40 CFR Parts 100 to 149. Revised as of July 1, 1994. Published by the Office of the Federal Register, National Archives and Records Administration. U.S. Government Printing Office, Washington, D.C. 20402.

Gilbert, R. O. 1987. Statistical Methods for Environmental Pollution Monitoring. Van Nostrand Reinhold Co., New York, NY. 320p.

GKY and Associates. 1990. Dam Inventory Database and Retrieval Software: Final Report. U.S. Environmental Protection Agency, Water Quality Analysis Branch. Under Contract #68-03-3339.

Kunkle, S. and J. Wilson. 1984. Specific Conductance and pH Measurements in Surface Waters: An Introduction for Park Natural Resource Specialists. Water Resources Field Support Laboratory Report No. 84-3. National Park Service, Water Resources Division, Fort Collins, Colorado 80525. 51p.

National Park Service. 1993. Strategic Plan for Conducting Baseline Natural Resource Inventories in the National Park Service. National Park Service, Washington Office, Servicewide Inventory and Monitoring Program, Washington, D.C. Unpublished. 17p.

U.S. Environmental Protection Agency. 1995. Quality Criteria for Water 1995. Final Draft. Office of Water Regulations and Standards, Washington, D.C.

U.S. Environmental Protection Agency. 1989. STORET User Handbook. U.S. Environmental Proteciton Agency, Office of Water, Washington, D.C. 20460.

U.S. Environmental Protection Agency. 1992. Office of Water Environmental and Program Information Systems Compendium. U.S. Environmental Protection Agency, Office of Water, Washington, D.C. 20460. 152p.

U.S. Environmental Protection Agency. 1993. Technical Description of the Reach File. U.S. Environmental Protection Agency, Office of Water, Washington, D.C. 20460. 23p.

U.S. Geological Survey. 1982. A U.S. Geological Survey Data Standard: Codes for the Identification of Hydrologic Units in the United States and Caribbean Outlying Areas. Geological Survey Circular 878-A. U.S. Geological Survey, Water Resources Division, Reston, VA. 22092. 115p.

U.S. Geological Survey 1992. Hydro-Climatic Data Network: A U.S. Geological Survey Streamflow Data Set for the United States for the Study of Climate Variations 1874-1988. Open File Report 92-129/USGS Water Supply Paper No. 2406. U.S. Geological Survey, Water Resources Division, Reston, VA. 22092. 193p.

Ward, R. C., J. C. Loftis, and G. B. McBride. 1990. Design of Water Quality Monitoring Systems. Van Nostrand Reinhold Co., New York, NY. 231p.

Appendix I

Selected General Water Quality References

American Public Health Association. 1989. Standard Methods for the Examination of Water and Wastewater (17th ed.). Washington, D.C. 1476p.

Drever, J. I. 1982. The Geochemistry of Natural Waters. Prentice-Hall, Inc., Englewood Cliffs, NJ. 388p.

Dunne, T. and L. B. Leopold. 1978. Water in Environmental Planning. W.H. Freeman and Company, San Francisco, CA. 818p.

Everett, L. G. 1980. Groundwater Monitoring. General Electric Co., Schenectady, NY. 440p.

Fetter, C. W. 1988. Applied Hydrogeology (2nd ed.). MacMillan Publishing Co., New York, NY. 592p.

Flora, M. D., T. E. Ricketts, J. Wilson, and S. Kunkle. 1984. Water Quality Criteria: An Overview for Park Natural Resource Specialists. WRFSL Report No. 84-4. National Park Service, Water Resources Field Support Laboratory, Fort Collins, CO. 46p.

Gilbert, R. O. 1987. Statistical Methods for Environmental Pollution Monitoring. Van Nostrand Reinhold Co., New York, NY. 320p.

Hem, J. D. 1985. Study and Interpretation of the Chemical Characteristics of Natural Water (3rd ed.). U.S. Geological Survey Water-Supply Paper 2254. U.S. Government Printing Office, Washington, D.C. 263p.

Kunkle, S., W. S. Johnson, and M. Flora. 1987. Monitoring Stream Water Quality for Land-Use Impacts: A Training Manual for Natural Resource Management Specialists. Water Resources Division, National Park Service, Fort Collins, CO. 102p.

Kunkle, S. and J. Wilson. 1984. Specific Conductance and pH Measurements in Surface Waters: An Introduction for Park Natural Resource Specialists. Water Resources Field Support Laboratory Report No. 84-3. National Park Service, Water Resources Division, Fort Collins, Colorado 80525. 51p.

Merritt, R. W., and K. W. Cummins (eds.). 1984. An Introduction to the Aquatic Insects of North America (2nd ed.). Kendall/Hunt Publishing Co., Dubuque, IA. 44p.

Morel, F. M. 1983. Principles of Aquatic Chemistry. John Wiley & Sons, Inc., New York, NY. 446p.

Nielsen, D. M. (ed.). 1991. Practical Handbook of Ground-Water Monitoring. Lewis Publishers, Inc. Chelsea, MI. 717p.

Ponce, S. L. 1980a. Statistical Methods Commonly Used in Water Quality Data Analysis. WSDG Technical Paper WSDG-TP-00001. U.S. Department of Agriculture, Forest Service, Watershed Systems Development Group, Fort Collins, CO. 136p.

Ponce, S. L. 1980b. Water Quality Monitoring Programs. WSDG Technical Paper WSDG-TP-00002. U.S. Department of Agriculture, Forest Service, Watershed Systems Development Group, Fort Collins, CO. 68p.

Rand, G. M. and S. R. Petrocelli (eds.). 1985. Fundamentals of Aquatic Toxicology. Hemisphere Publishing Co., New York, NY. 666p.

Rantz, S. E. and others. 1982. Measurement and Computation of Streamflow: Volume 1. Measurement of Stage and Discharge. Volume 2. Computation of Discharge. U.S. Department of the Interior, Geological Survey Water Supply Paper 2175. 631p.

Stednick, J.D. and D. M. Gilbert. 1998. Water Quality Inventory Protocol: Riverine Environments. National Park Service, Water Resources Division Technical Report NPS/NRWRD/NRTR-98/177. Fort Collins, CO. 103p.

Stednick, J. D. 1991. Wildland Water Quality Sampling and Analysis. Academic Press, Inc., San Diego, CA. 217p.

United Nations Educational, Scientific and Cultural Organization (UNESCO). 1978. Water Quality Surveys: A Guide for the Collection and Interpretation of Water Quality Data. IHD-WHO Working Group on the Quality of Water, Paris, France. 350p.

U.S. Department of the Interior. 1977. National Handbook of Recommended Methods for Water-Data Acquisition. U.S. Geological Survey, Office of Water-Data Coordination, Reston, VA. 990p.

U.S. Environmental Protection Agency. 1978. Microbiological Methods for Monitoring the Environment: Water and Wastes. R. H. Border, J. A. Winter, and P. W. Scarpino. EPA-600/8-78-017. Office of Research and Development, Environmental Monitoring Systems Laboratory, Cincinnati, OH. 338p.

U.S. Environmental Protection Agency. 1979b. Methods for Chemical Analysis of Water and Wastes. EPA-600/4-79-020. (Revised March 1983). Office of Research and Development, Environmental Monitoring Systems Laboratory, Cincinnati, OH. 460p.

U.S. Environmental Protection Agency. 1983. Water Quality Standards Handbook. Office of Water Regulations and Standards, Washington, D.C. 218p.

U.S. Environmental Protection Agency. 1995. Quality Criteria for Water 1995. Final Draft. Office of Water Regulations and Standards, Washington, D.C.

U.S. Environmental Protection Agency. 1989. Rapid Bioassessment Protocols for Use in Streams and Rivers: Benthic Macroinvertebrates and Fish. J. L. Plafkin, M. T. Barbour, K. D. Porter, S. K. Gross, and R. M. Hughes. EPA-444/4-89-001. Office of Water Regulations and Standards, Assessment and Watershed Protection Division, Washington, D.C. 162p.

U.S. Environmental Protection Agency. 1990. Macroinvertebrate Field and Laboratory Methods for Evaluating the Biological Integrity of Surface Waters. D. J. Klemm, P. A. Lewis, F. Fulk, and J. M. Lazorchak. EPA-600/4-90-030. Office of Research and Development, Environmental Monitoring Systems Laboratory, Cincinnati, OH. 256p.

U.S. Environmental Protection Agency. 1991a. Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms (4th ed.). C. I. Weber, ed. EPA-600/4-90-027. Office of Research and Development, Environmental Monitoring Systems Laboratory, Cincinnati, OH. 293p.

U.S. Environmental Protection Agency. 1991b. Monitoring Guidelines to Evaluate Effects of Forestry Activities on Streams in the Pacific Northwest and Alaska. L. H. MacDonald, A. W.Smart, and R. C. Wissmar. EPA-910/9-91-001. Region 10, Seattle, WA. 162p.

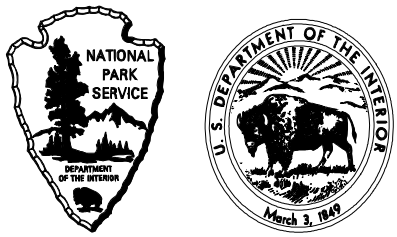
U.S. Environmental Protection Agency. 1993. Guide to Federal Water Quality Programs and Information. T. Stuart and N. P. Ross. EPA-230-B-93-001. Office of Strategic Planning and Environmental Data, Environmental Statistics and Information Division. Washington, D.C. 194p.

Verschueren, K. 1983. Handbook of Environmental Data on Organic Chemicals (2nd ed.). Van Nostrand Reinhold Co., New York, NY. 1310p.

Viessman W. and M. J. Hammer. 1985. Water Supply and Pollution Control (4th ed.). Harper and Row, Publishers, Inc. New York, NY. 797p.

Ward, R. C., J. C. Loftis, and G. B. McBride. 1990. Design of Water Quality Monitoring Systems. Van Nostrand Reinhold Co., New York, NY. 231p.

Wetzel, R. G. 1983. Limnology (2nd ed.). Sanders College Publishing, Philadelphia, PA. 767p.



As the nation's principal conservation agency, the Department of the Interior has the responsibility for most of our nationally owned public lands and natural and cultural resources. This includes fostering wise use of our land and water resources, protecting our fish and wildlife, preserving the environmental and cultural values of our national parks and historical places, and providing for enjoyment of life through outdoor recreation. The Department assesses our energy and mineral resources and works to ensure that their development is in the best interests of all our people. The Department also promotes the goals of the Take Pride in America campaign by encouraging stewardship and citizen responsibility for the public lands and promoting citizen participation in their care. The Department also has a major responsibility for American Indian reservation communities and for people who live in island territories under U.S. administration.